

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055810.D
 Acq On : 24 May 2019 21:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 04:31:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	360955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	527788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	465196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	185713	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	168797	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.09	98	637654	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	216537	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109300	44.993	ug/l	100
3) Chloromethane	2.06	50	152674	44.856	ug/l	98
4) Vinyl Chloride	2.18	62	167316	46.089	ug/l	99
5) Bromomethane	2.53	94	116402	51.252	ug/l	98
6) Chloroethane	2.68	64	108177	49.493	ug/l	100
7) Trichlorofluoromethane	3.00	101	228317	47.971	ug/l	100
8) Diethyl Ether	3.40	74	100616	47.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	142029	47.805	ug/l	99
10) Methyl Iodide	3.94	142	226738	52.200	ug/l	99
11) Tert butyl alcohol	4.82	59	185524	260.483	ug/l	99
12) 1,1-Dichloroethene	3.72	96	146111	47.596	ug/l	96
13) Acrolein	3.60	56	115845	227.153	ug/l	100
14) Allyl chloride	4.31	41	240789	45.755	ug/l	100
15) Acrylonitrile	4.99	53	402258	245.959	ug/l	100
16) Acetone	3.82	43	332150	202.704	ug/l	99
17) Carbon Disulfide	4.04	76	375683	43.074	ug/l	100
18) Methyl Acetate	4.33	43	167357	50.245	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	495866	48.432	ug/l	98
20) Methylene Chloride	4.54	84	168823	47.574	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	155933	47.281	ug/l	97
22) Diisopropyl ether	5.96	45	488641	47.740	ug/l	98
23) Vinyl Acetate	5.90	43	2096889	238.940	ug/l	99
24) 1,1-Dichloroethane	5.84	63	281433	47.225	ug/l	99
25) 2-Butanone	6.84	43	535086	233.822	ug/l	100
26) 2,2-Dichloropropane	6.82	77	211000	40.910	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	188696	49.041	ug/l	97
28) Bromochloromethane	7.19	49	143617	50.616	ug/l	97
29) Tetrahydrofuran	7.22	42	352677	243.360	ug/l	99
30) Chloroform	7.37	83	288151	48.484	ug/l	99
31) Cyclohexane	7.65	56	257303	45.987	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	254440	47.975	ug/l	99
36) 1,1-Dichloropropene	7.79	75	214830	46.708	ug/l	99
37) Ethyl Acetate	6.93	43	223968	50.382	ug/l	97
38) Carbon Tetrachloride	7.77	117	224007	46.756	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	259133	45.497	ug/l	98
40) Benzene	8.04	78	674219	48.638	ug/l	100
41) Methacrylonitrile	7.18	41	101479	45.186	ug/l	95
42) 1,2-Dichloroethane	8.12	62	217920	48.111	ug/l	100
43) Isopropyl Acetate	8.17	43	353628	47.346	ug/l	93
44) Trichloroethene	8.83	130	194444	50.316	ug/l	98
45) 1,2-Dichloropropane	9.12	63	176672	48.918	ug/l	100
46) Dibromomethane	9.21	93	116822	49.322	ug/l	98
47) Bromodichloromethane	9.40	83	230516	47.463	ug/l	100
48) Methyl methacrylate	9.20	41	171119	49.711	ug/l	98
49) 1,4-Dioxane	9.20	88	69559	972.398	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1076906	244.130	ug/l	99
52) Toluene	10.16	92	426841	48.960	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	246353	47.520	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	273694	47.656	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	173290	49.617	ug/l	99
56) Ethyl methacrylate	10.43	69	267339	49.528	ug/l	99
57) 1,3-Dichloropropane	10.71	76	280854	49.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	490463	237.769	ug/l	99
59) 2-Hexanone	10.75	43	736334	235.300	ug/l	99
60) Dibromochloromethane	10.90	129	198893	48.884	ug/l	99
61) 1,2-Dibromoethane	11.00	107	181298	50.045	ug/l	99
64) Tetrachloroethene	10.63	164	197220	50.266	ug/l	98
65) Chlorobenzene	11.43	112	459677	49.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	180628	48.631	ug/l	100
67) Ethyl Benzene	11.51	91	808770	48.428	ug/l	99
68) m/p-Xylenes	11.62	106	614909	97.395	ug/l	99
69) o-Xylene	11.95	106	303599	48.468	ug/l	100
70) Styrene	11.96	104	505255	49.809	ug/l	100
71) Bromoform	12.13	173	154529	48.777	ug/l #	100
73) Isopropylbenzene	12.25	105	799455	54.397	ug/l	100
74) N-amyl acetate	12.07	43	284311	50.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	235494	54.144	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	284346	81.572	ug/l #	100
77) Bromobenzene	12.53	156	214187	48.373	ug/l	97
78) n-propylbenzene	12.59	91	845496	46.882	ug/l	99
79) 2-Chlorotoluene	12.67	91	513740	53.041	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	653257	52.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	69526	45.082	ug/l	99
82) 4-Chlorotoluene	12.77	91	499866	47.152	ug/l	100
83) tert-Butylbenzene	12.99	119	579684	54.233	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	650274	52.545	ug/l	100
85) sec-Butylbenzene	13.17	105	738787	53.033	ug/l	100
86) p-Isopropyltoluene	13.29	119	670226	46.511	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	341611	48.724	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	328602	49.296	ug/l	100
89) n-Butylbenzene	13.61	91	511442	46.322	ug/l	99
90) Hexachloroethane	13.87	117	123975	45.200	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	339382	48.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41502	45.140	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

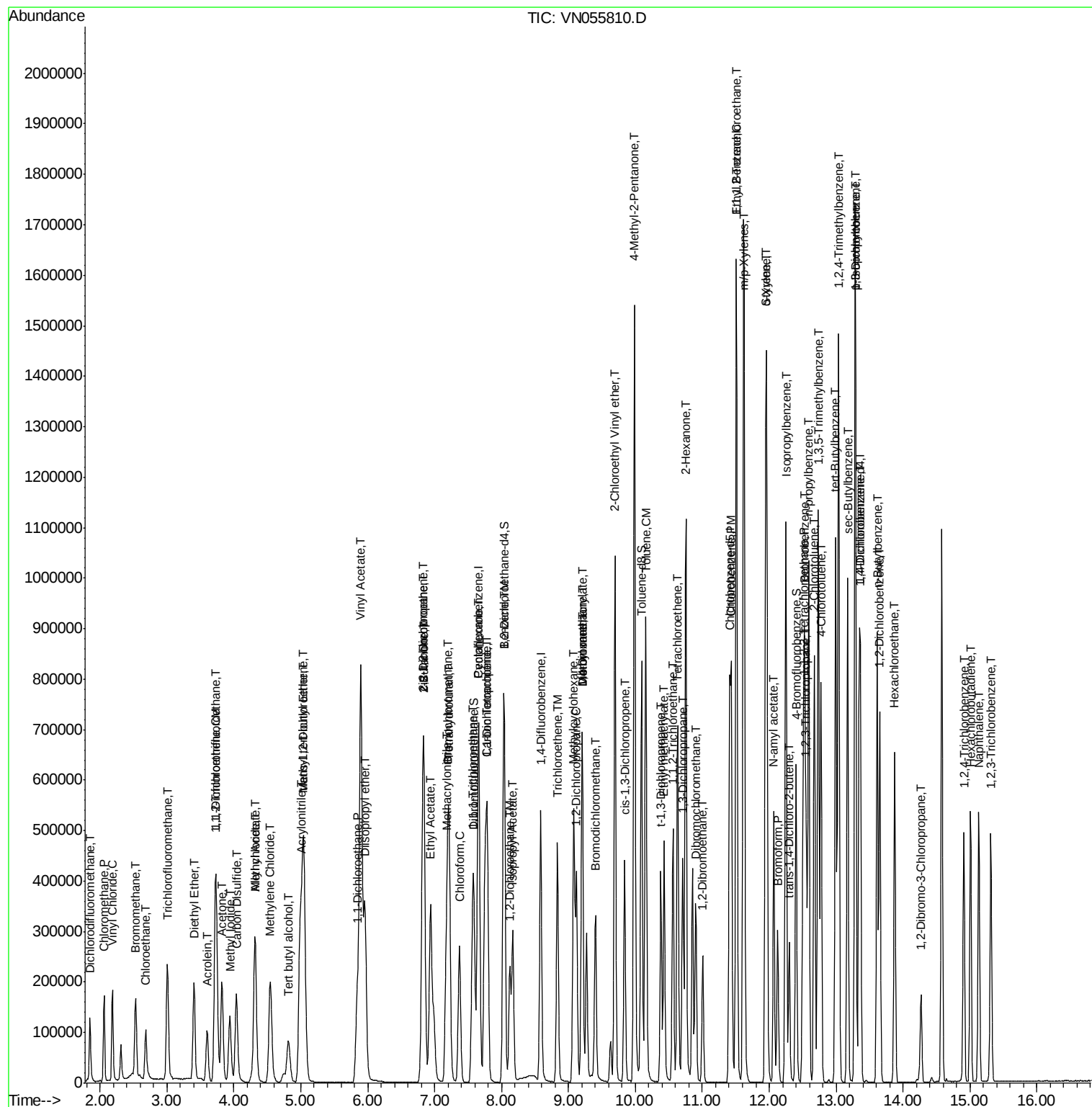
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182798	45.754	ug/l	98
94) Hexachlorobutadiene	15.01	225	124040	50.401	ug/l	99
95) Naphthalene	15.13	128	492188	51.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	189364	51.212	ug/l	100

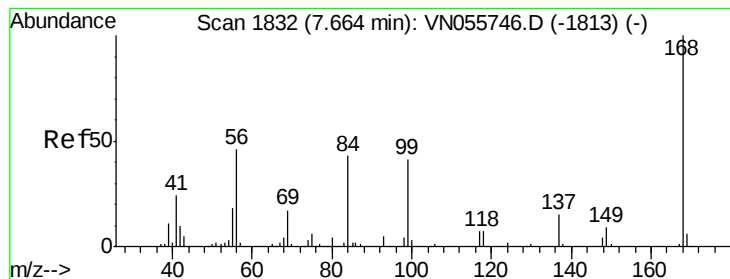
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055810.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

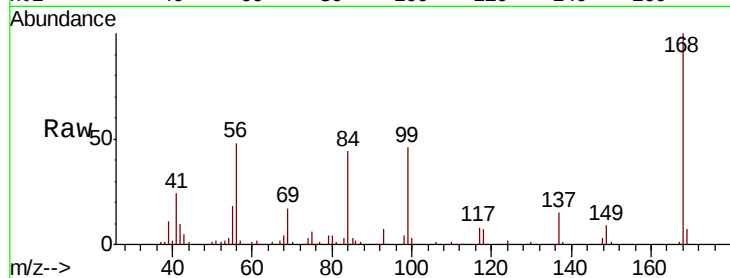
VSTDCCC050

Tot Ion:168 Resp: 360955

Ion Ratio Lower Upper

168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

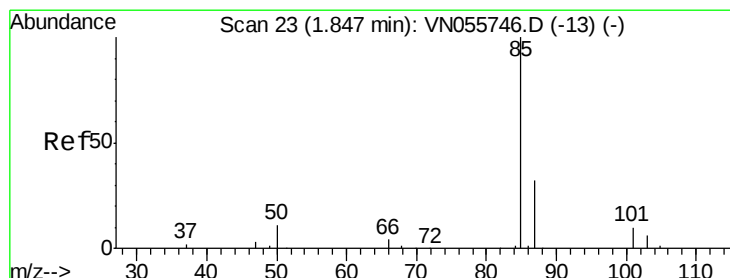
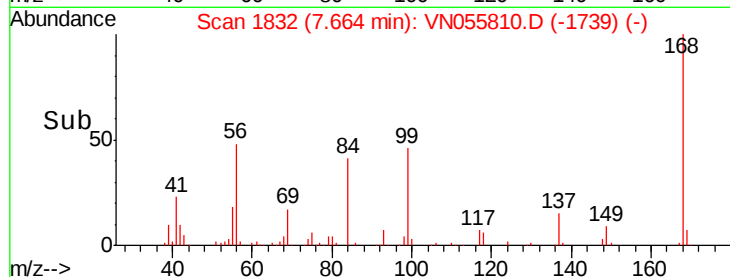
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.993 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055810.D

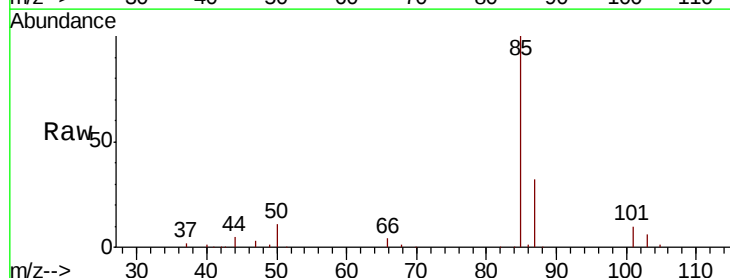
Acq: 24 May 2019 21:33

Tgt Ion: 85 Resp: 109300

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

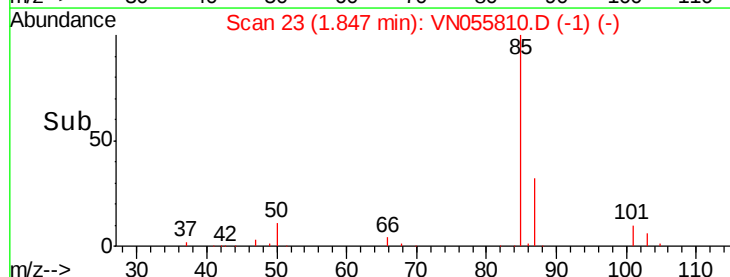
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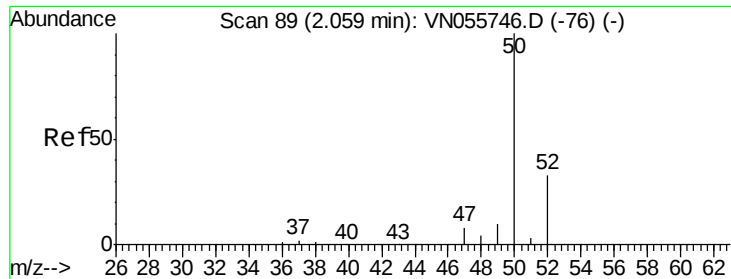
40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.856 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

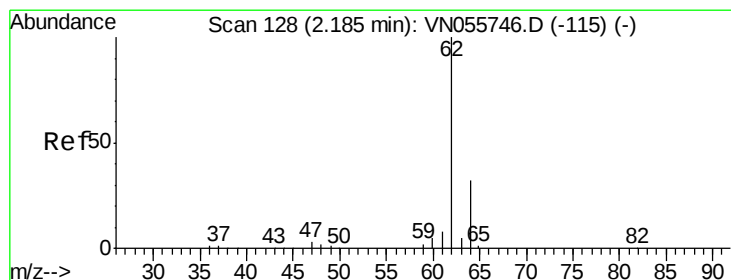
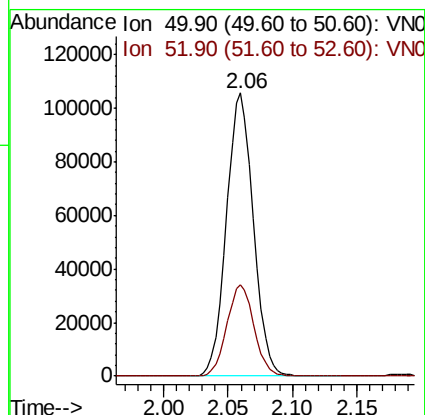
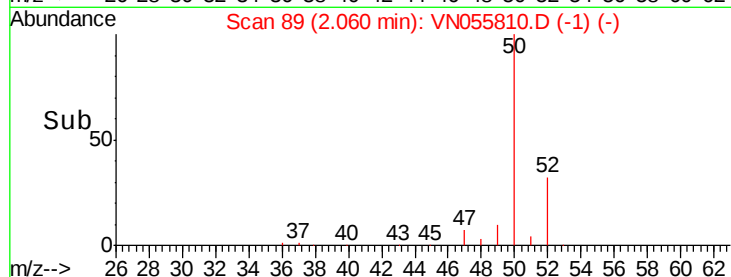
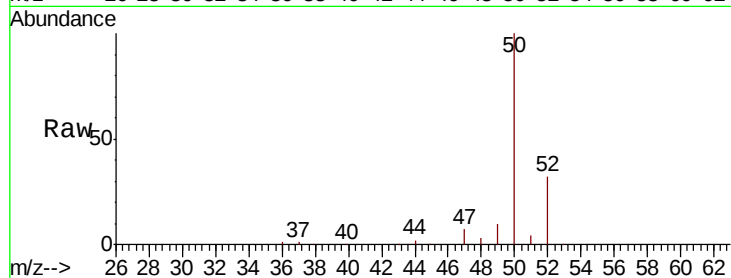
VSTDCCC050

Tot Ion: 50 Resp: 152674

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



#4

Vinyl Chloride

Concen: 46.089 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055810.D

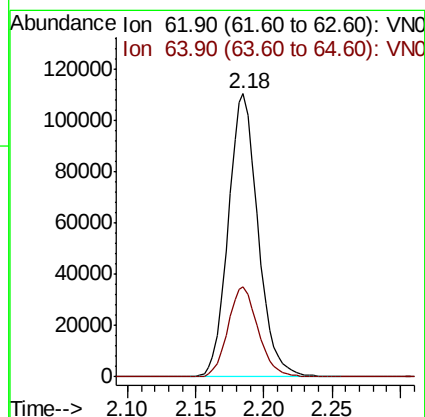
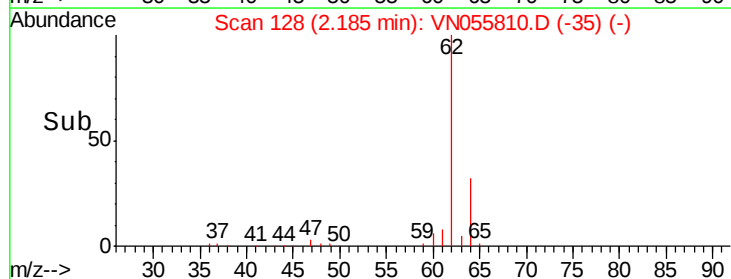
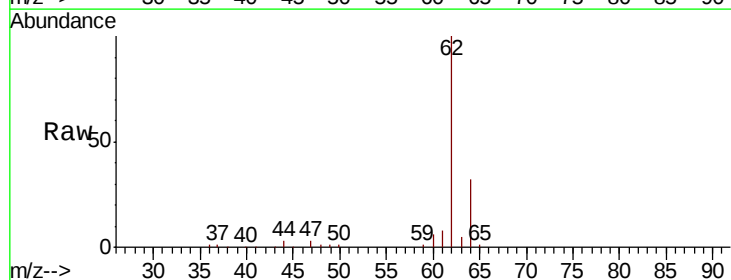
Acq: 24 May 2019 21:33

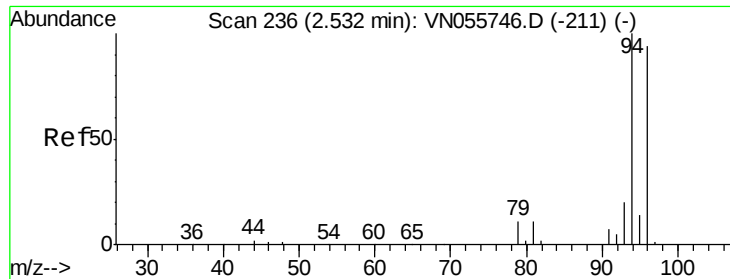
Tgt Ion: 62 Resp: 167316

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 51.252 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

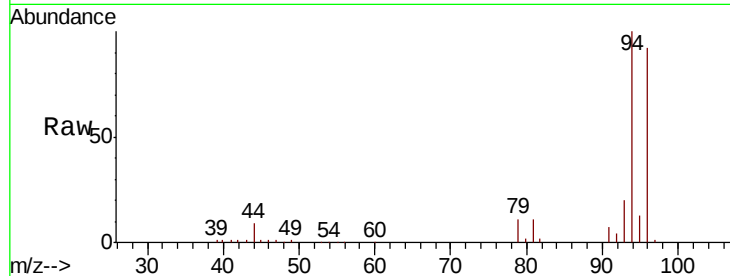
VSTDCCC050

Tot Ion: 94 Resp: 116402

Ion Ratio Lower Upper

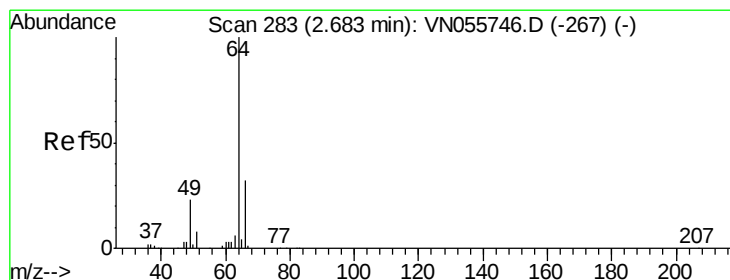
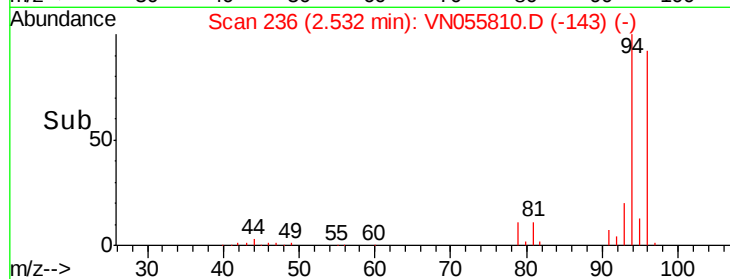
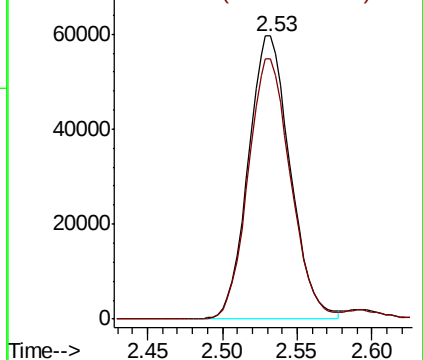
94 100

96 92.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.493 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN055810.D

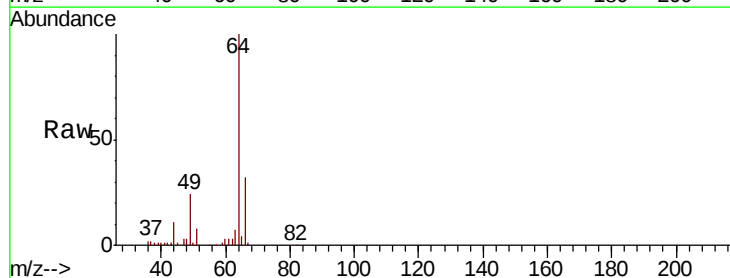
Acq: 24 May 2019 21:33

Tgt Ion: 64 Resp: 108177

Ion Ratio Lower Upper

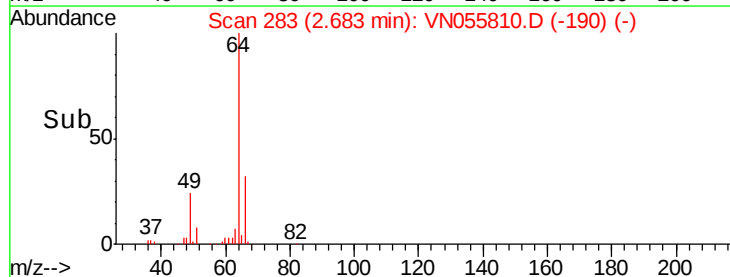
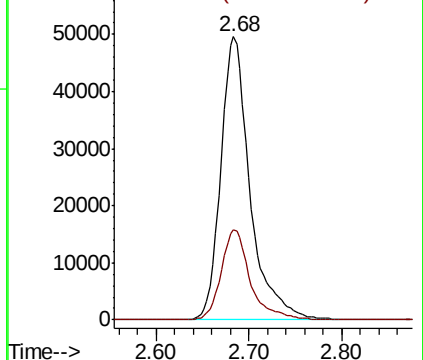
64 100

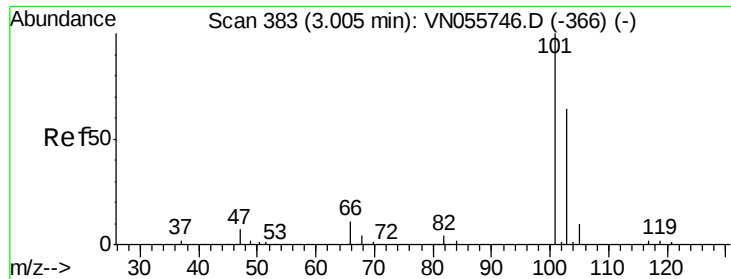
66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



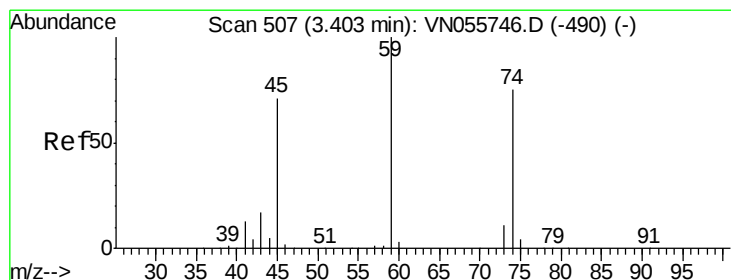
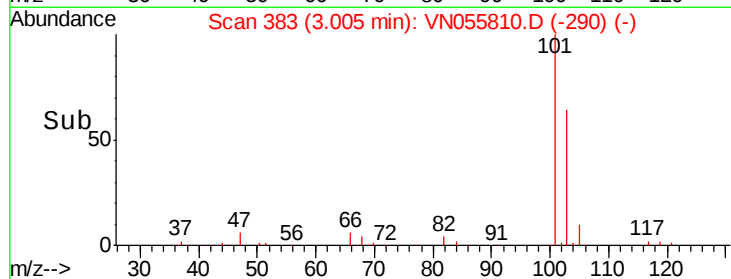
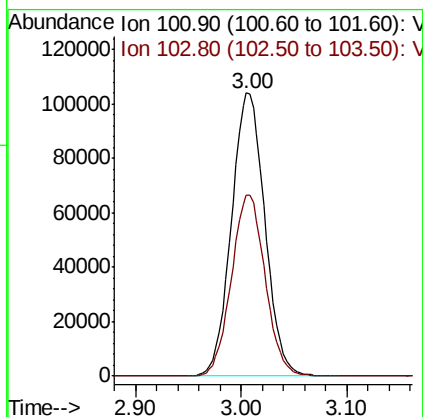
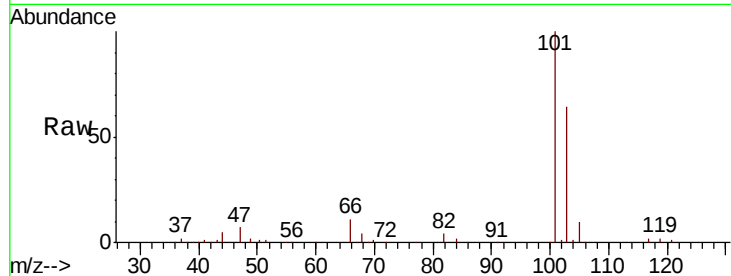


#7

Trichlorofluoromethane
 Concen: 47.971 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Instrument :
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 VSTDCCC050

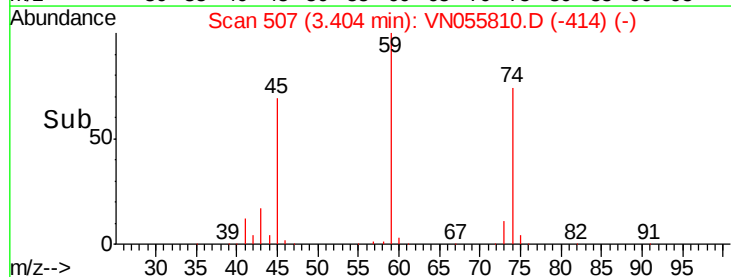
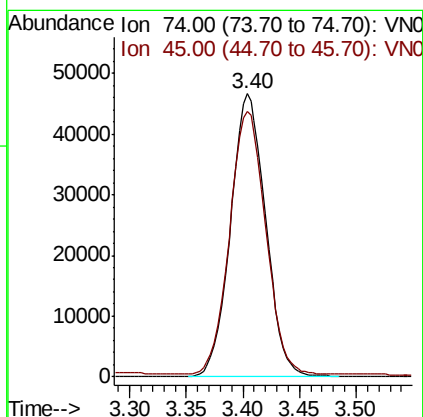
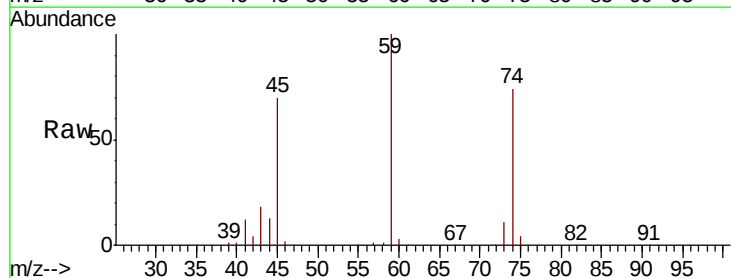
Tot Ion:101 Resp: 228317
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

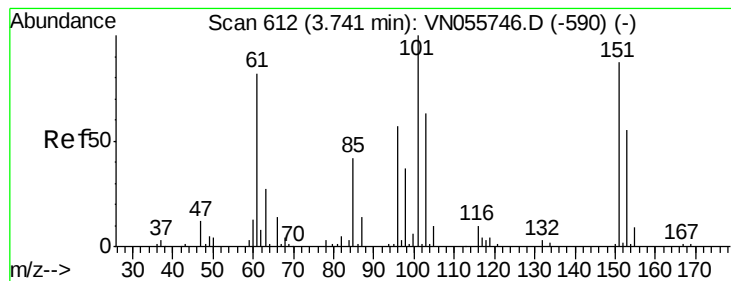


#8

Diethyl Ether
 Concen: 47.167 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 74 Resp: 100616
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.805 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

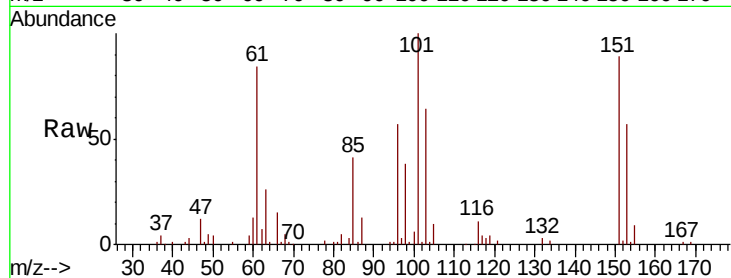
Tot Ion:101 Resp: 142029

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.2

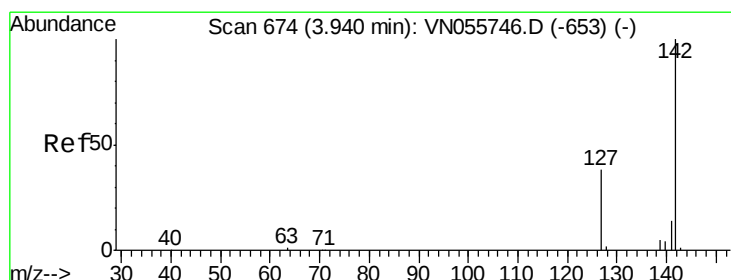
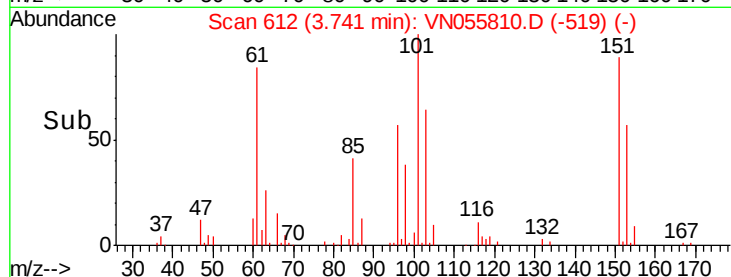
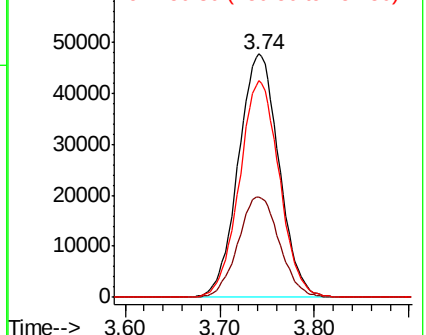
151 87.6 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.200 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

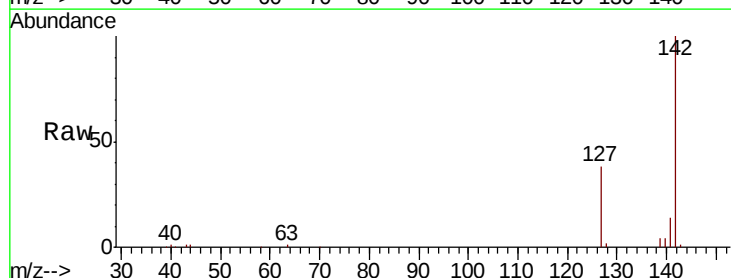
Tgt Ion:142 Resp: 226738

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.4

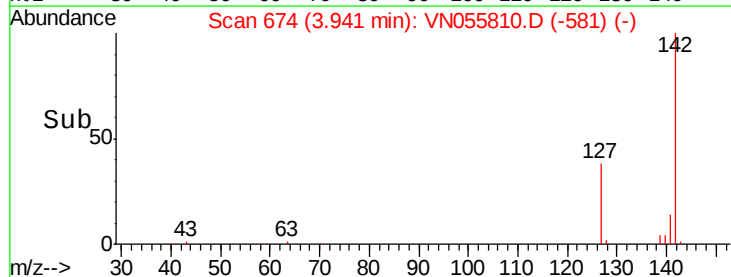
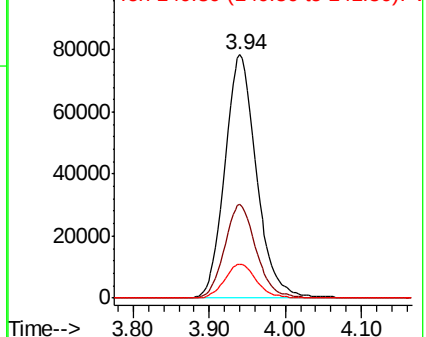
141 14.0 11.4 17.0

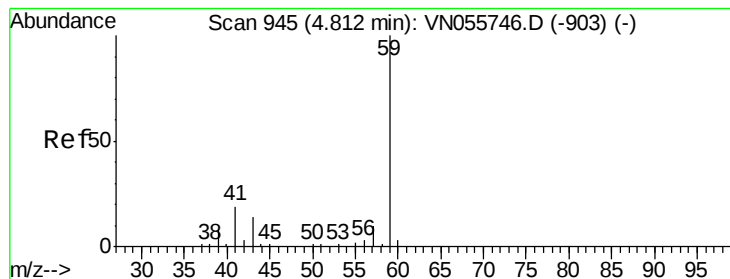


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



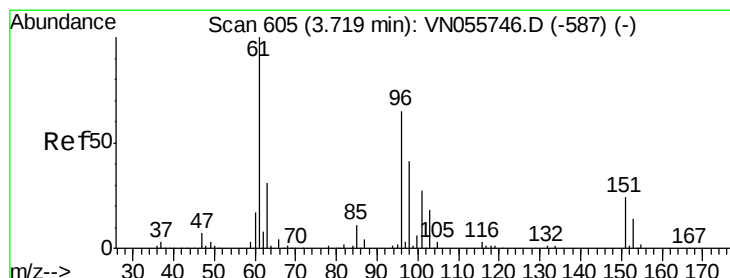
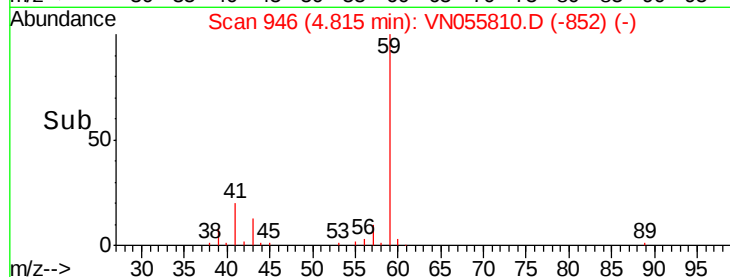
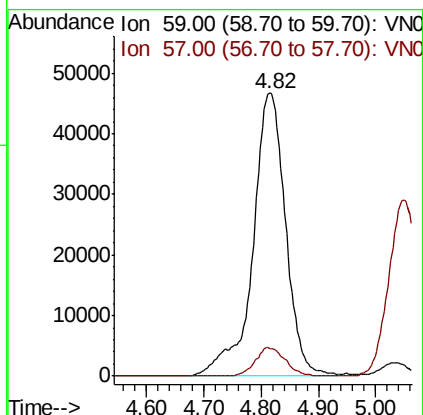
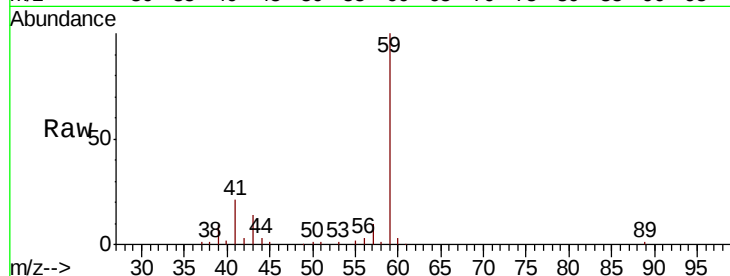


#11

Tert butyl alcohol
 Concen: 260.483 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

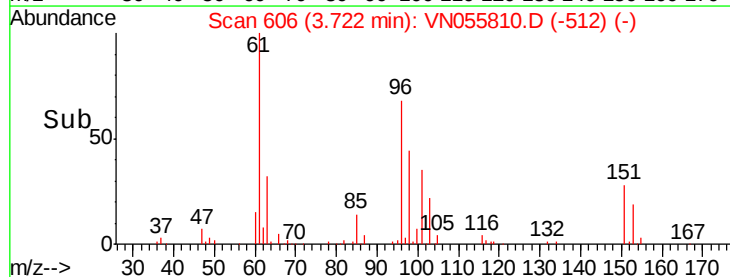
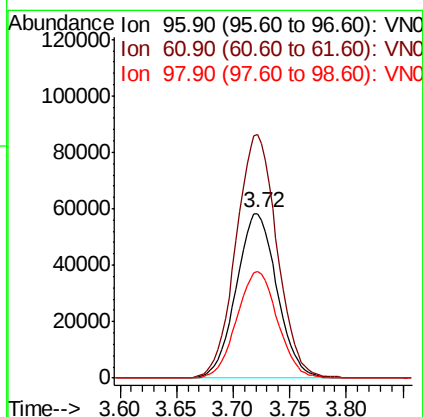
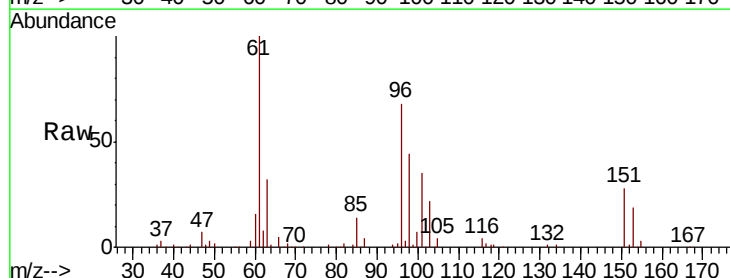
Tot Ion: 59 Resp: 185524
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.6

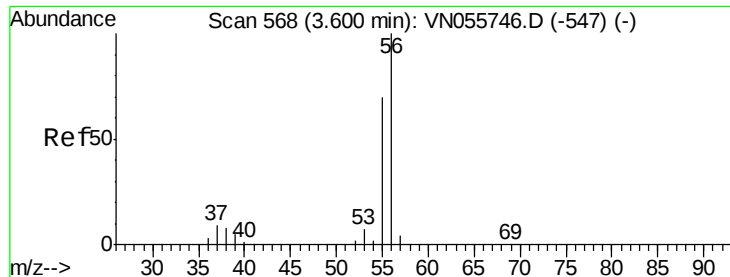


#12

1,1-Dichloroethene
 Concen: 47.596 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 96 Resp: 146111
 Ion Ratio Lower Upper
 96 100
 61 147.8 123.2 184.8
 98 64.9 50.4 75.6





#13

Acrolein

Concen: 227.153 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

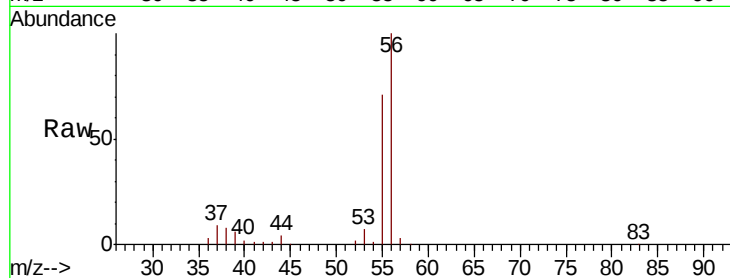
VSTDCCC050

Tot Ion: 56 Resp: 115845

Ion Ratio Lower Upper

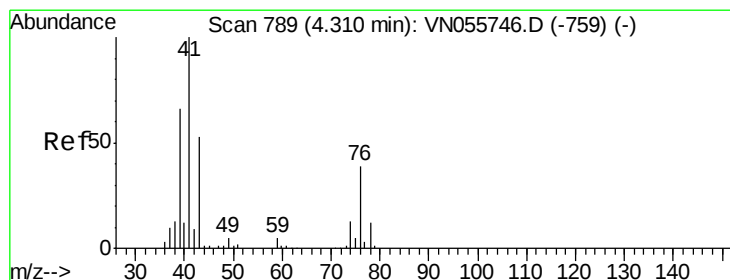
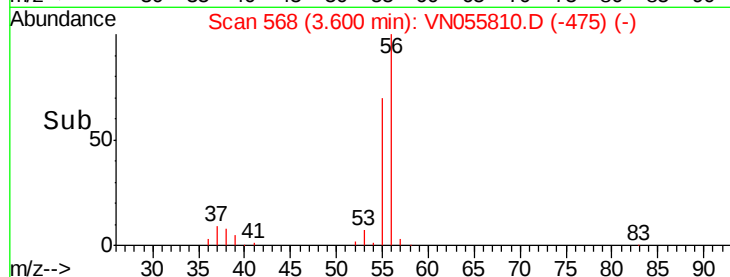
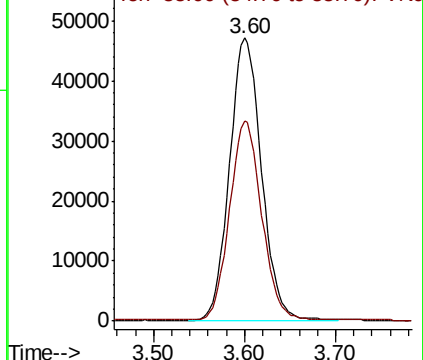
56 100

55 69.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 45.755 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

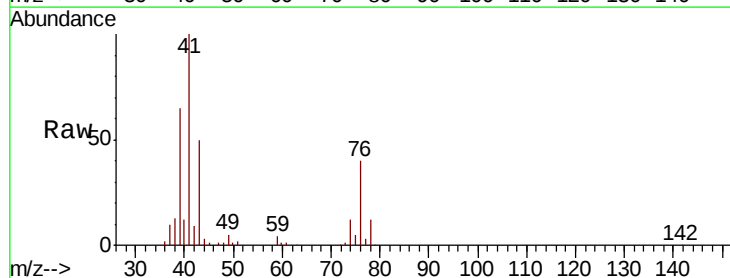
Tgt Ion: 41 Resp: 240789

Ion Ratio Lower Upper

41 100

39 62.5 50.0 75.0

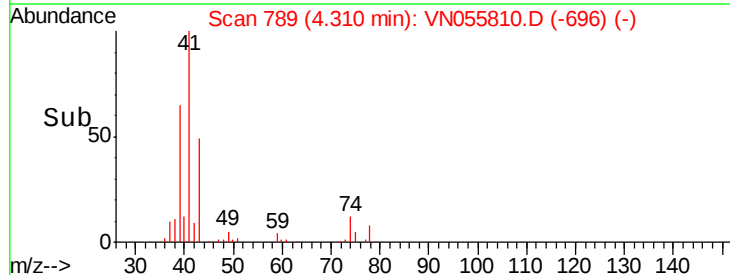
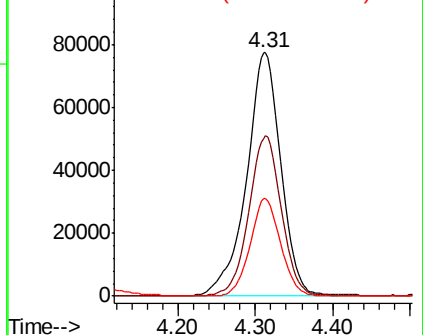
76 35.5 28.2 42.2

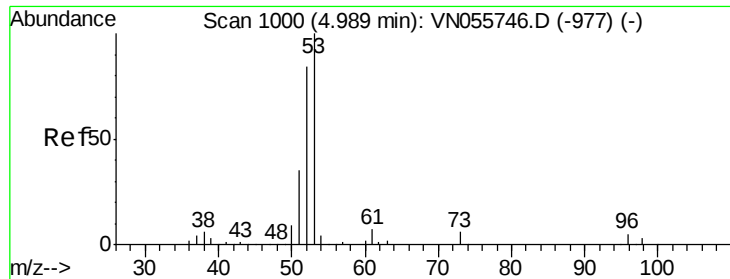


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

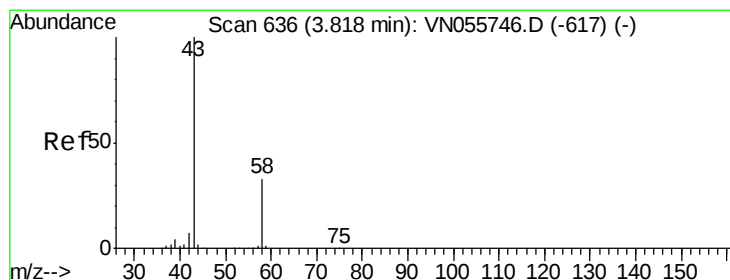
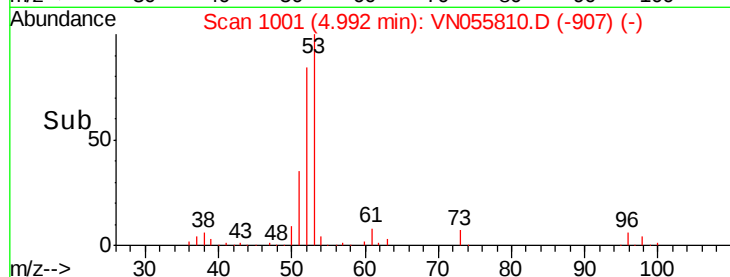
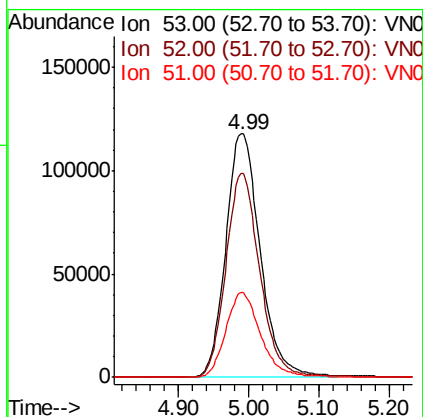
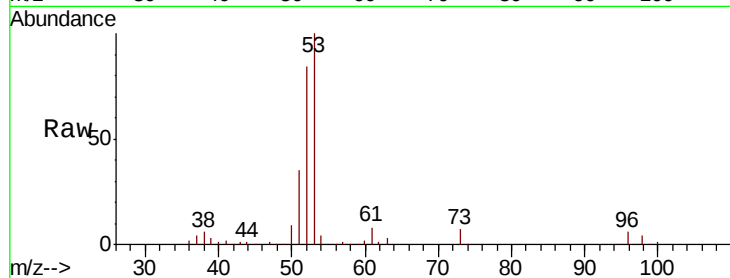




#15
 Acrylonitrile
 Concen: 245.959 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

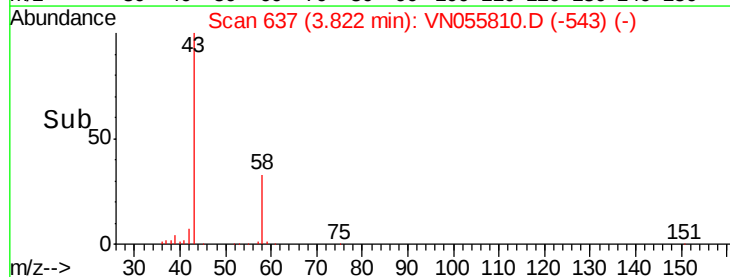
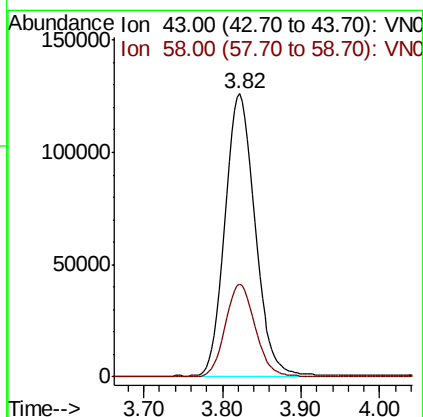
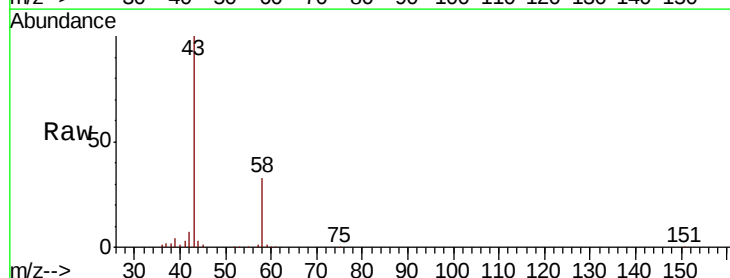
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

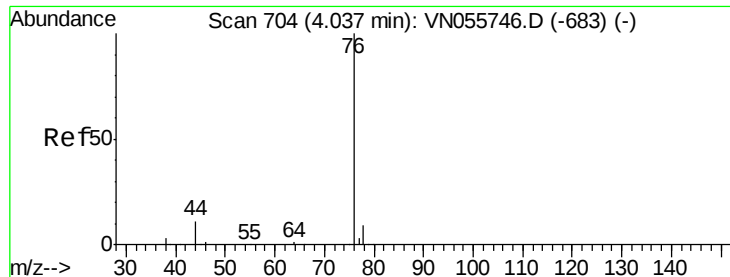
Tot Ion: 53 Resp: 402258
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.8 98.8
 51 35.3 28.2 42.4



#16
 Acetone
 Concen: 202.704 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 43 Resp: 332150
 Ion Ratio Lower Upper
 43 100
 58 32.7 26.6 39.8

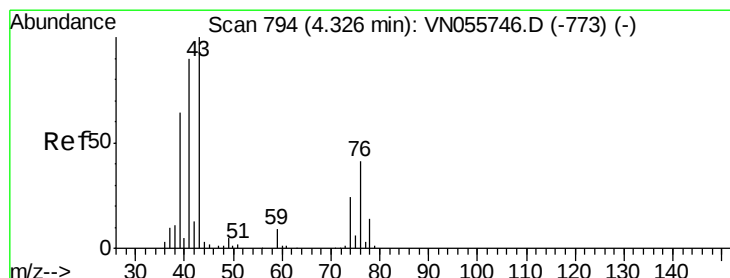
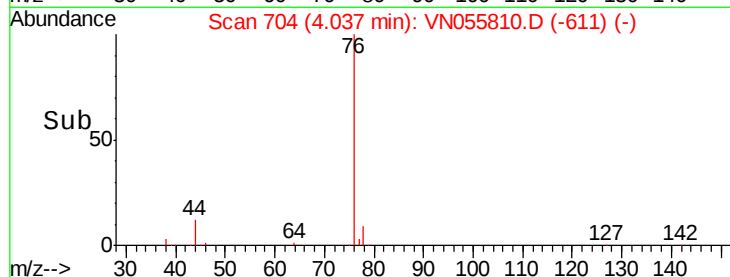
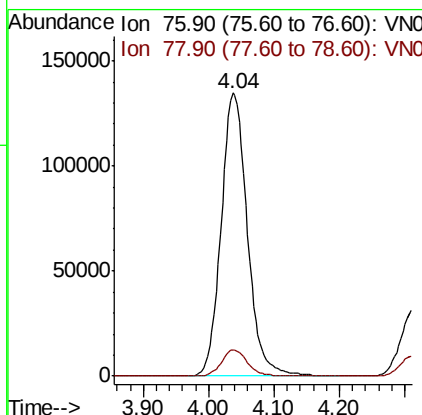
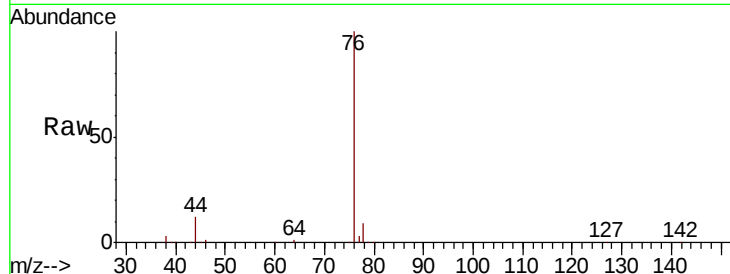




#17
Carbon Disulfide
Concen: 43.074 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

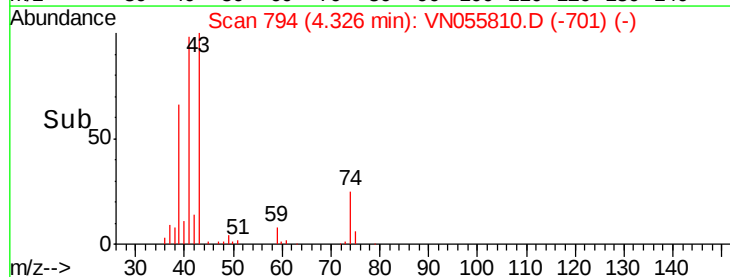
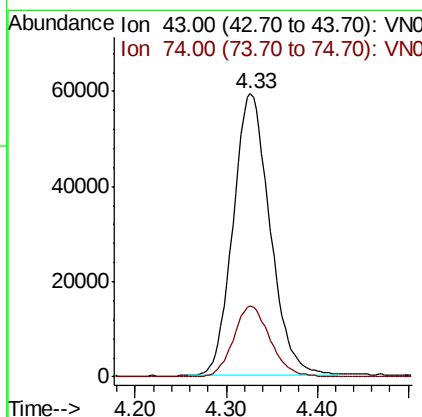
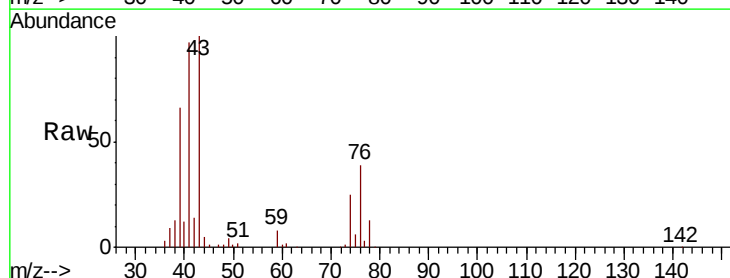
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

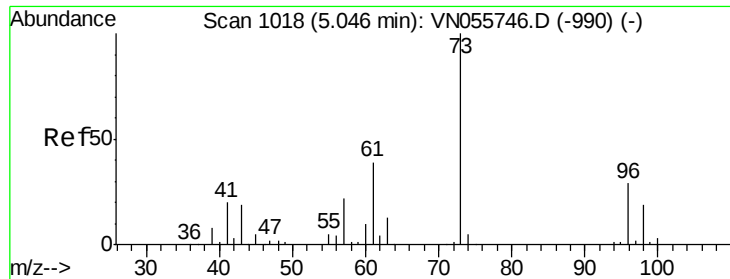
Tot Ion: 76 Resp: 375683
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 50.245 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 43 Resp: 167357
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9

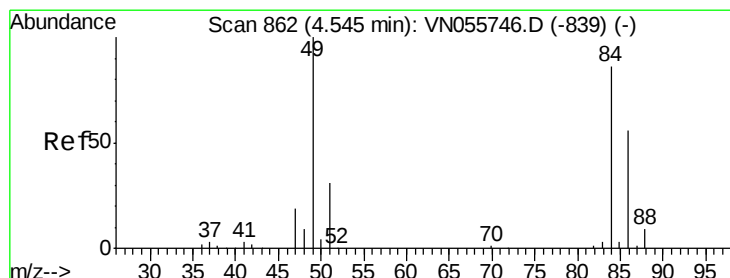
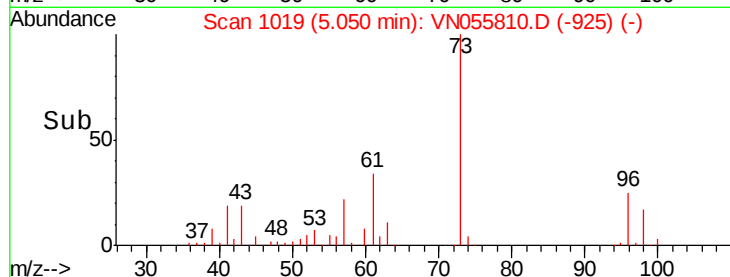
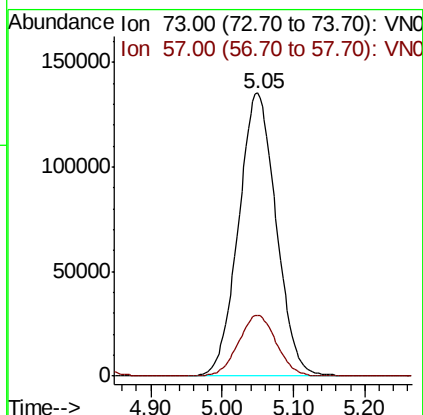
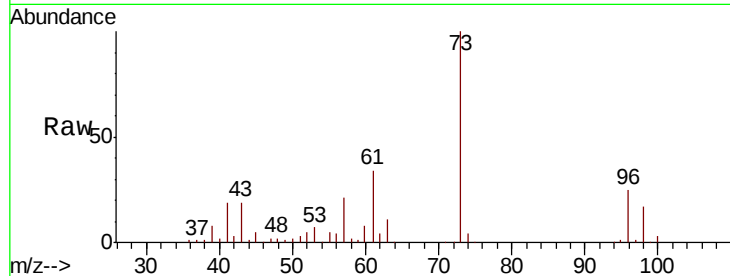




#19
Methvl tert-butvl Ether
Concen: 48.432 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

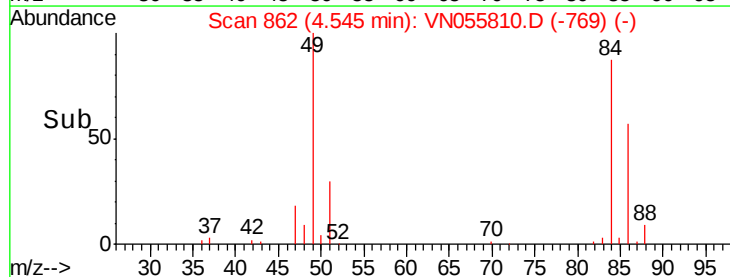
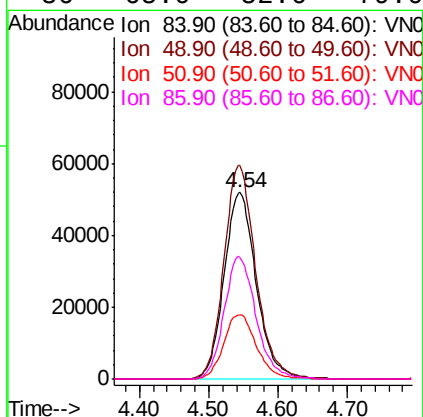
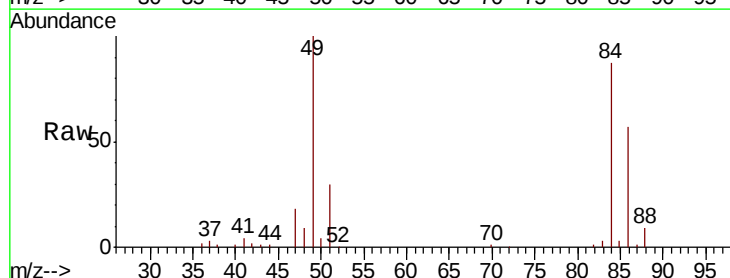
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

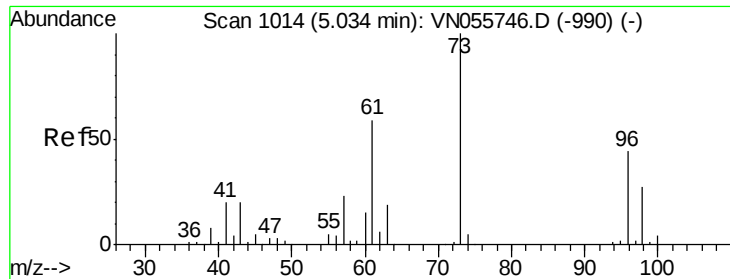
Tot Ion: 73 Resp: 495866
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 47.574 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 84 Resp: 168823
Ion Ratio Lower Upper
84 100
49 114.3 93.5 140.3
51 34.4 28.6 43.0
86 65.0 52.6 79.0

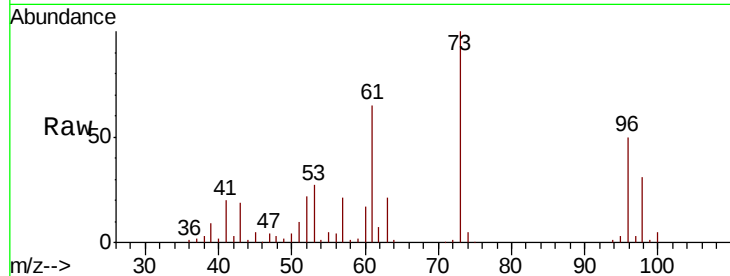




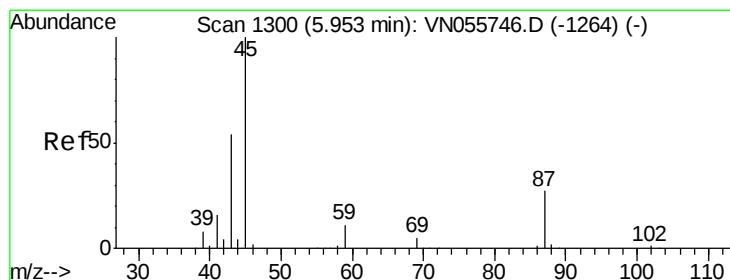
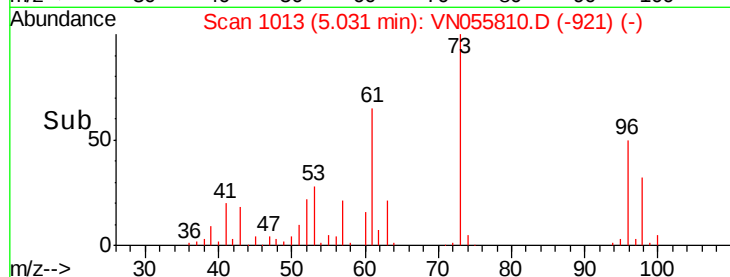
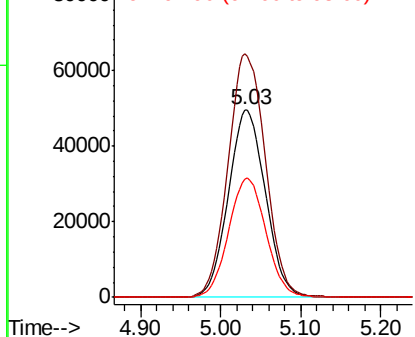
#21
trans-1,2-Dichloroethene
Concen: 47.281 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 155933
Ion Ratio Lower Upper
96 100
61 129.8 107.8 161.8
98 63.2 49.8 74.8

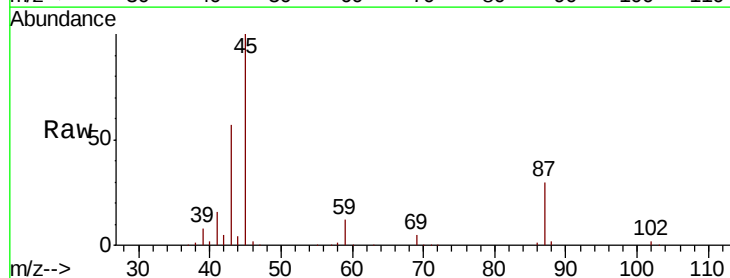


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

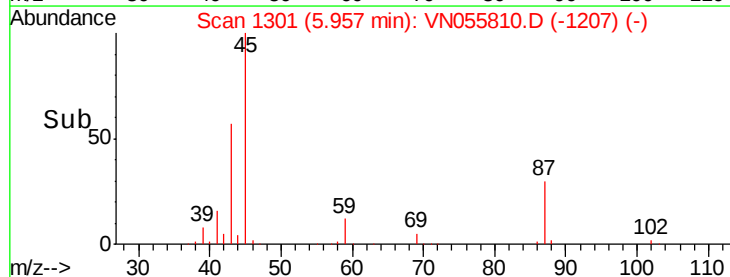
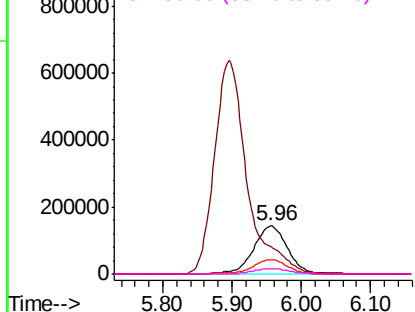


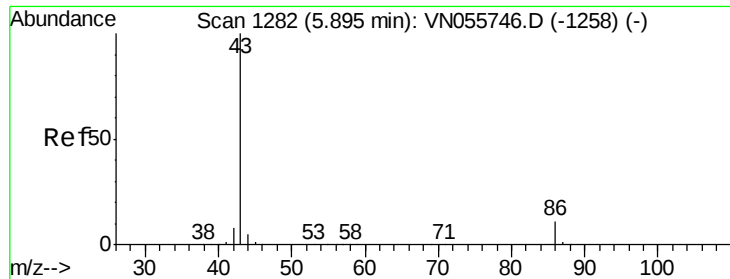
#22
Diisopropyl ether
Concen: 47.740 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 45 Resp: 488641
Ion Ratio Lower Upper
45 100
43 55.2 45.0 67.6
87 29.3 22.2 33.4
59 11.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

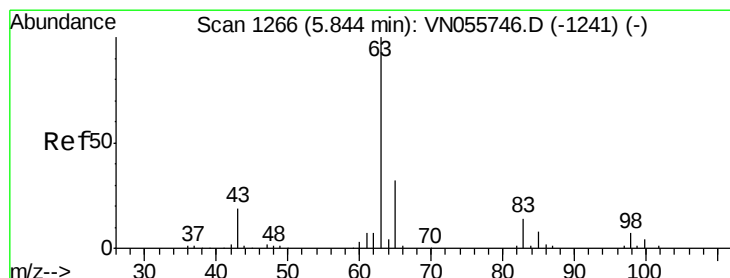
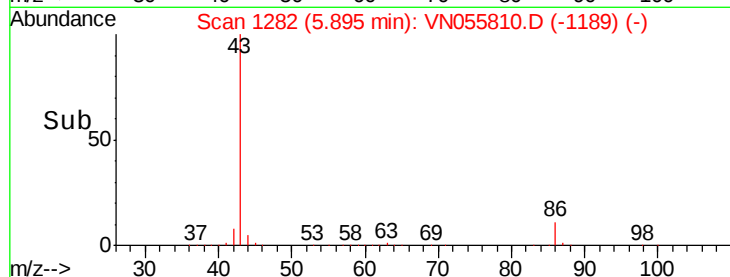
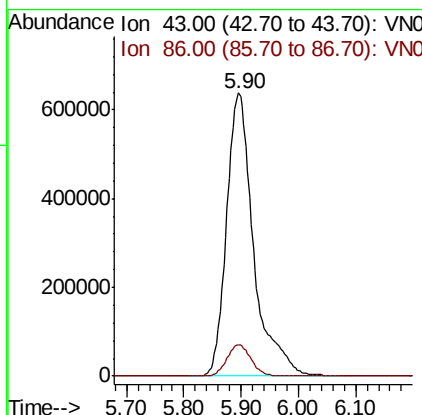
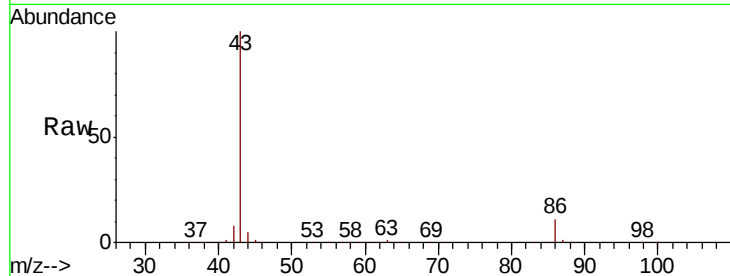




#23
 Vinyl Acetate
 Concen: 238.940 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

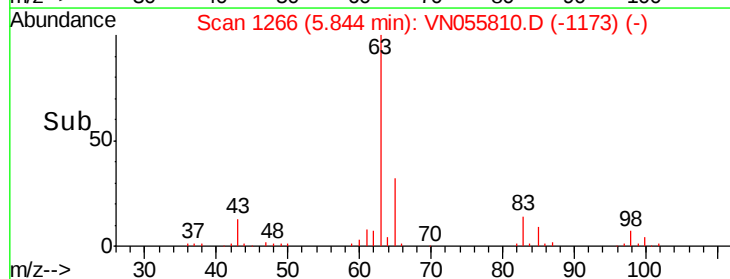
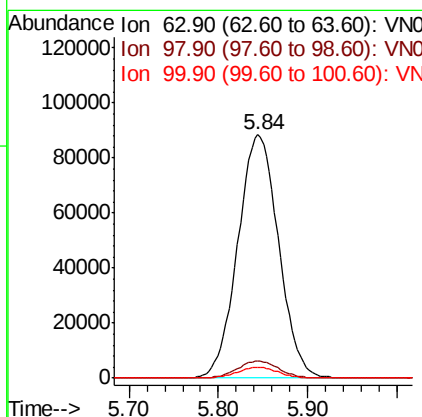
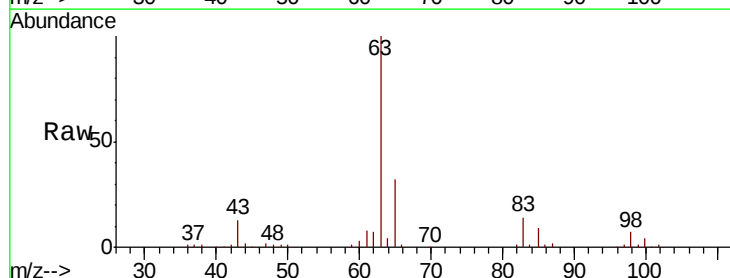
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

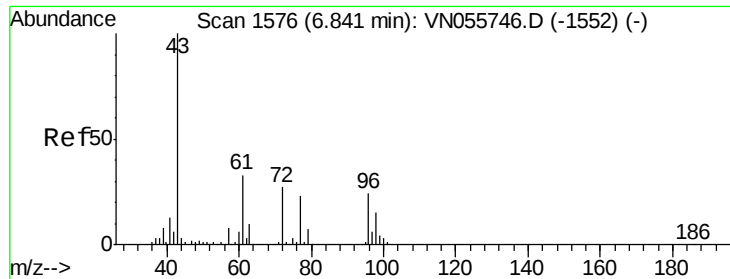
Tot Ion: 43 Resp: 2096889
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.225 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 63 Resp: 281433
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.5 2.2 6.6

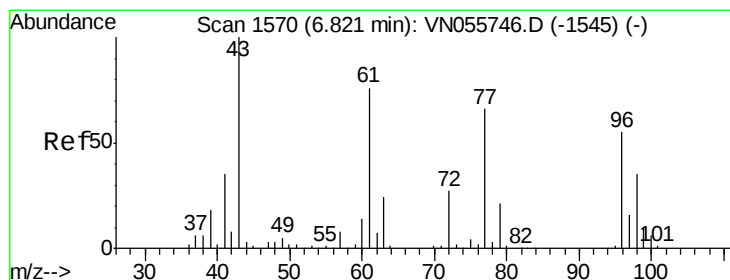
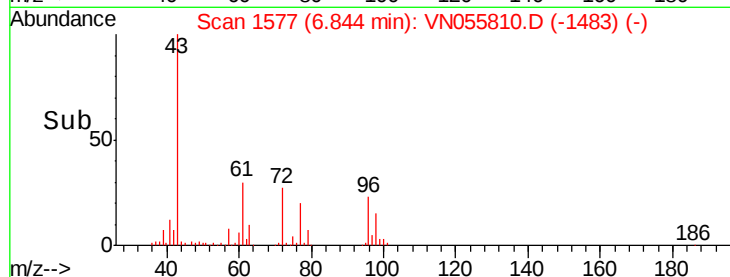
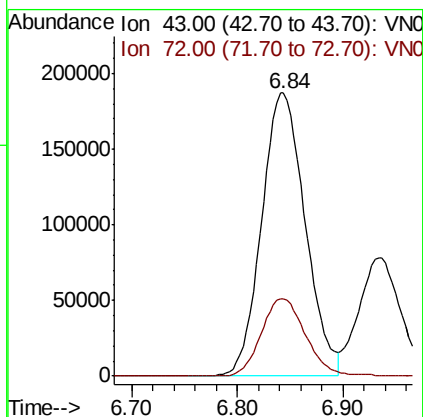
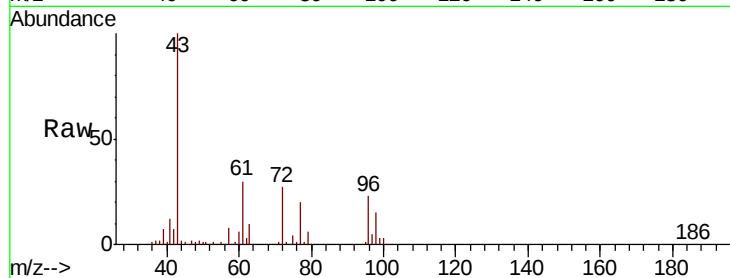




#25
2-Butanone
Concen: 233.822 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

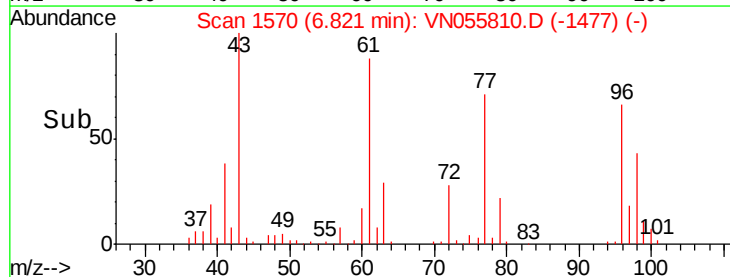
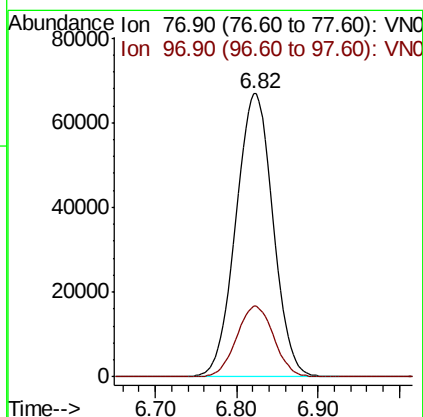
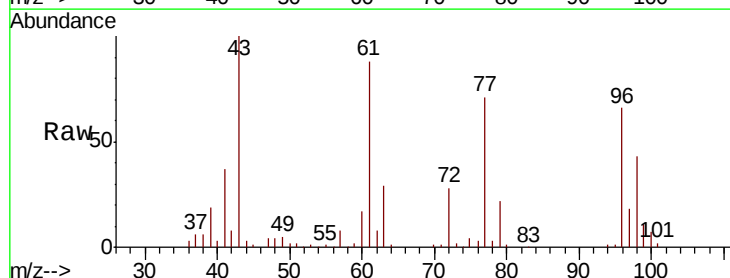
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

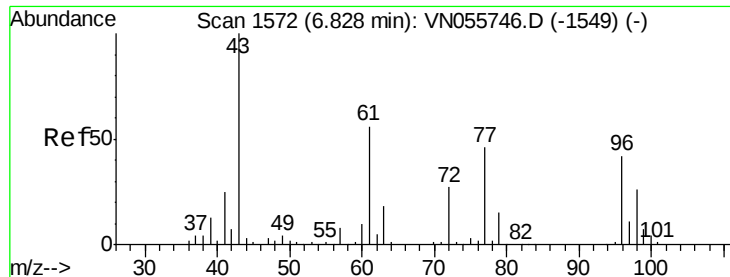
Tot Ion: 43 Resp: 535086
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 40.910 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 77 Resp: 211000
Ion Ratio Lower Upper
77 100
97 25.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.041 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

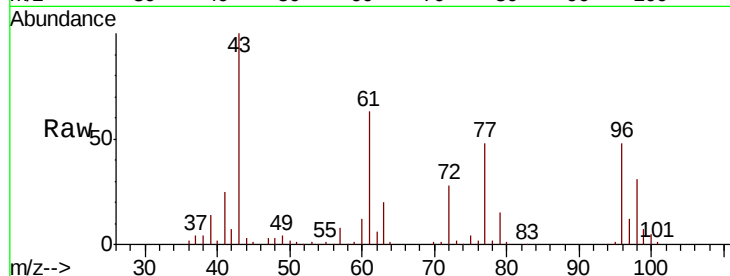
Tot Ion: 96 Resp: 188696

Ion Ratio Lower Upper

96 100

61 132.6 0.0 275.8

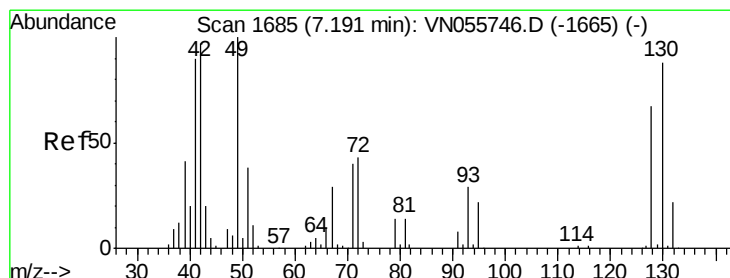
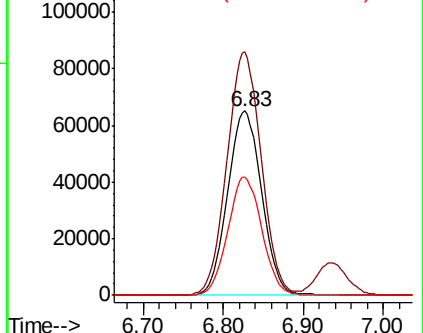
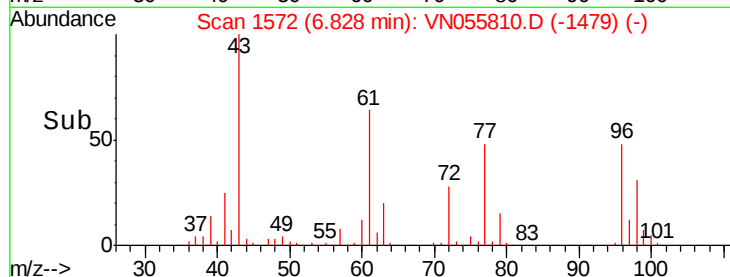
98 64.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.616 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

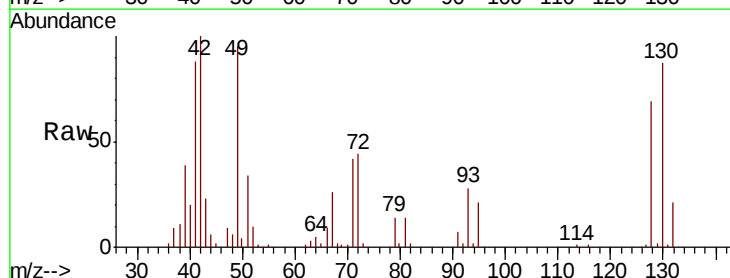
Tgt Ion: 49 Resp: 143617

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

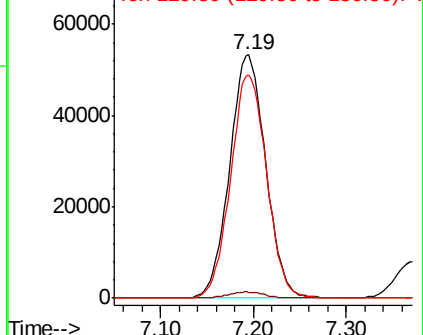
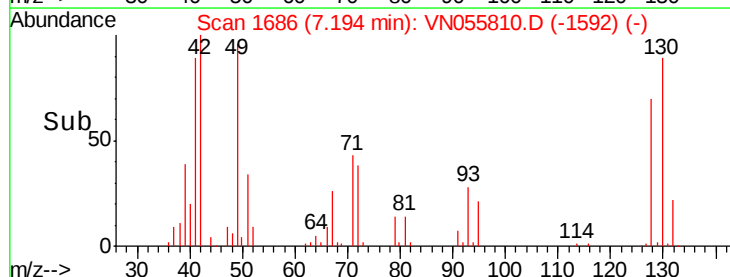
130 91.6 71.2 106.8

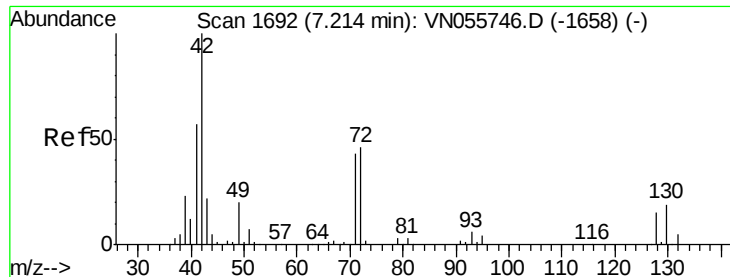


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

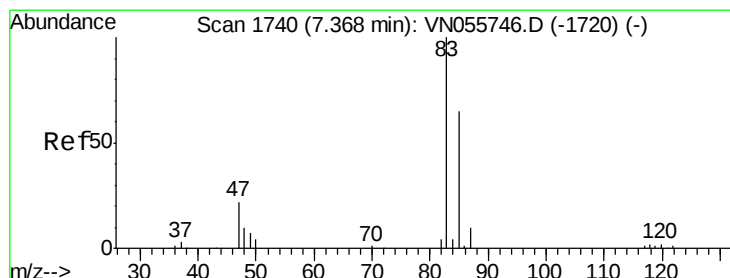
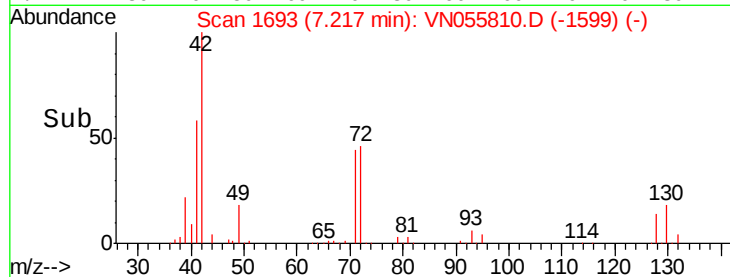
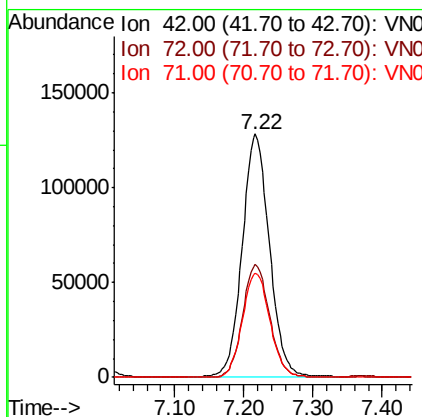
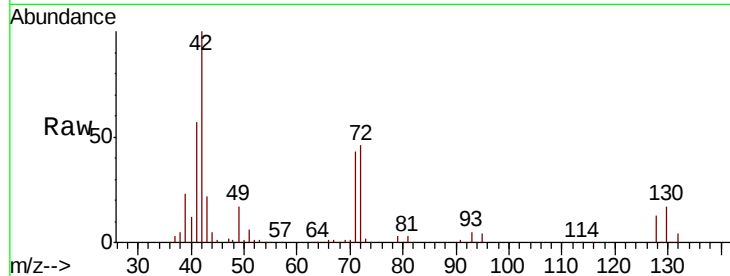




#29
Tetrahydrofuran
Concen: 243.360 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

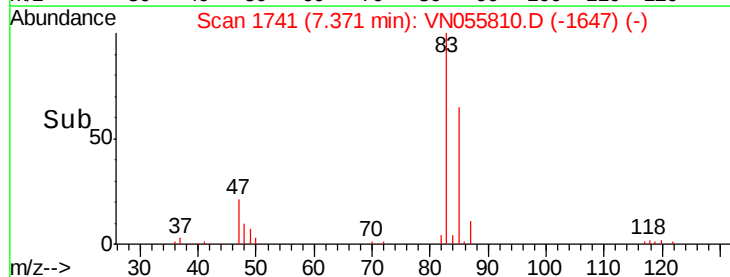
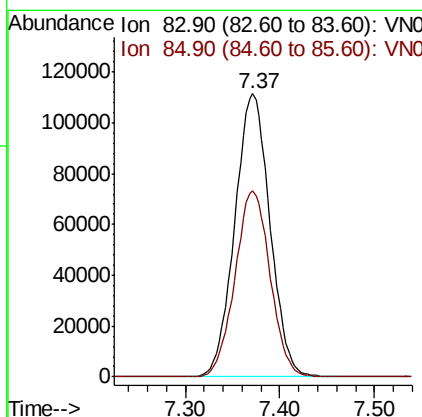
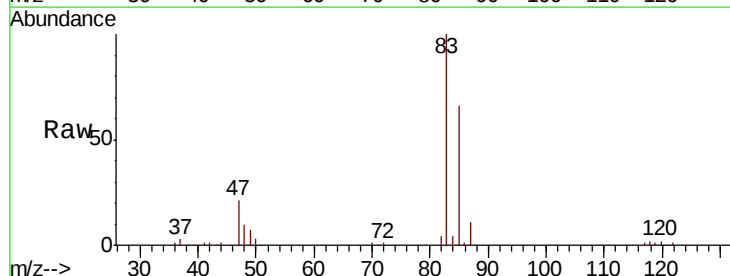
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

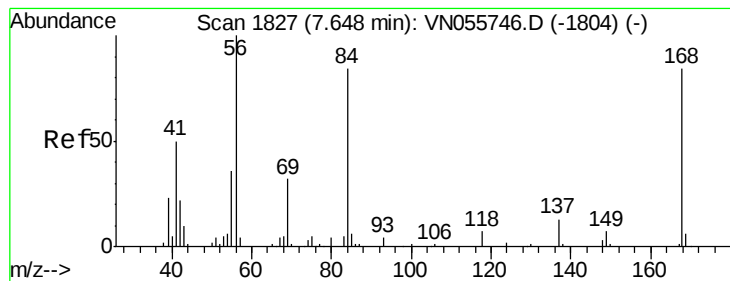
Tot Ion: 42 Resp: 352677
Ion Ratio Lower Upper
42 100
72 45.9 35.9 53.9
71 43.2 34.0 51.0



#30
Chloroform
Concen: 48.484 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 83 Resp: 288151
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8





#31

Cyclohexane

Concen: 45.987 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

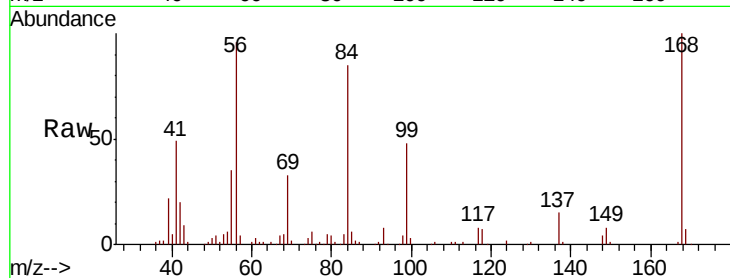
Tot Ion: 56 Resp: 257303

Ion Ratio Lower Upper

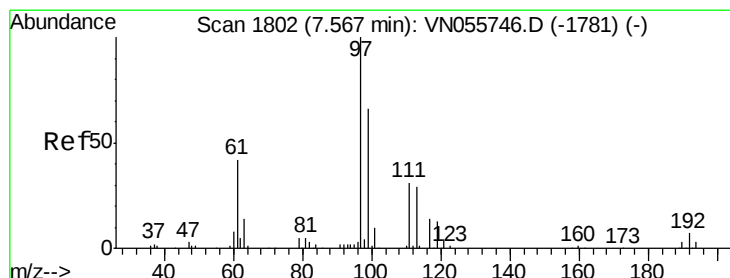
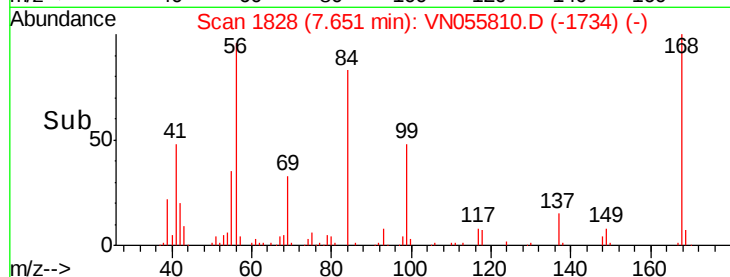
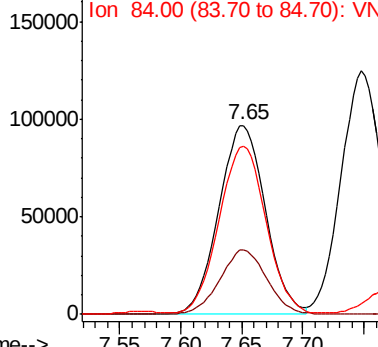
56 100

69 34.1 25.6 38.4

84 87.5 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.975 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

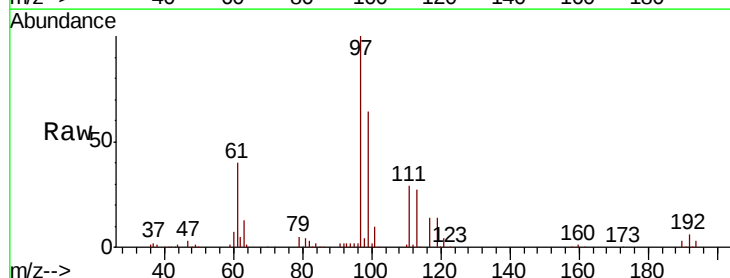
Tgt Ion: 97 Resp: 254440

Ion Ratio Lower Upper

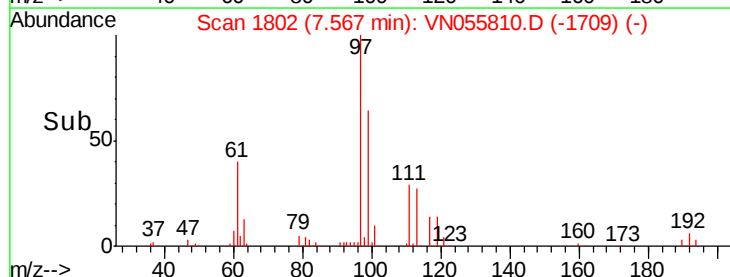
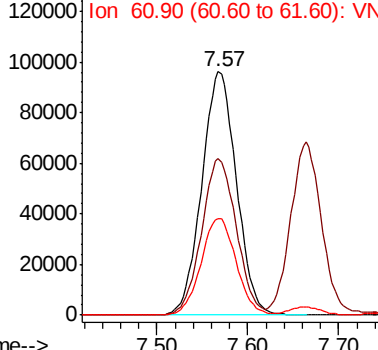
97 100

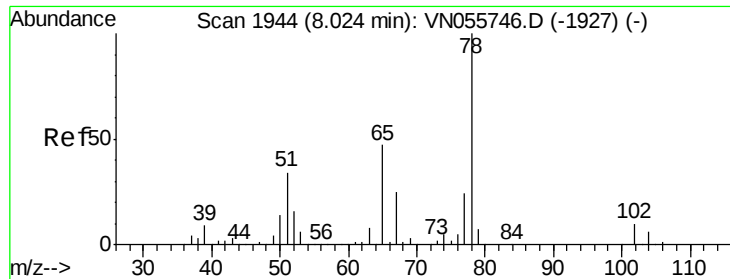
99 64.3 52.0 78.0

61 40.3 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 49.820 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

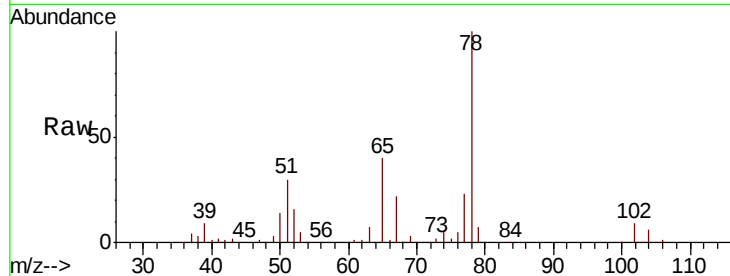
VSTDCCC050

Tot Ion: 65 Resp: 185713

Ion Ratio Lower Upper

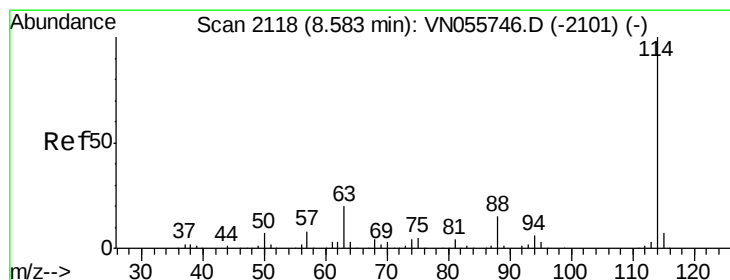
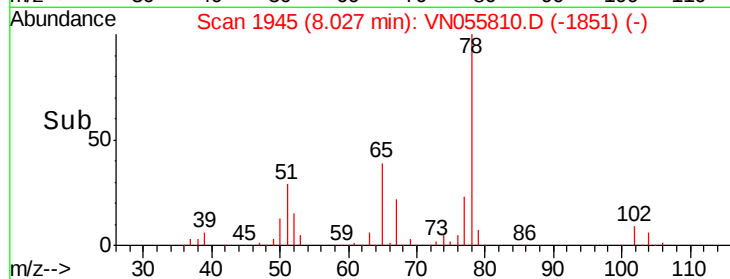
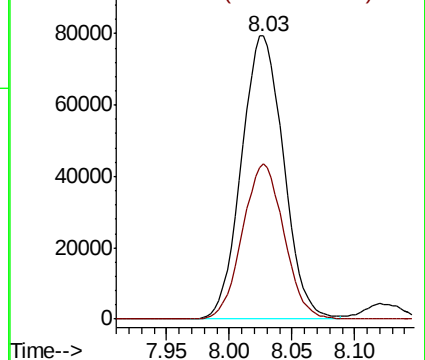
65 100

67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055810.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055810.D (-1851) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

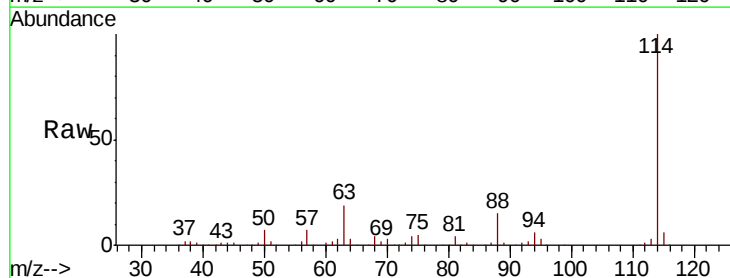
Tgt Ion: 114 Resp: 527788

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

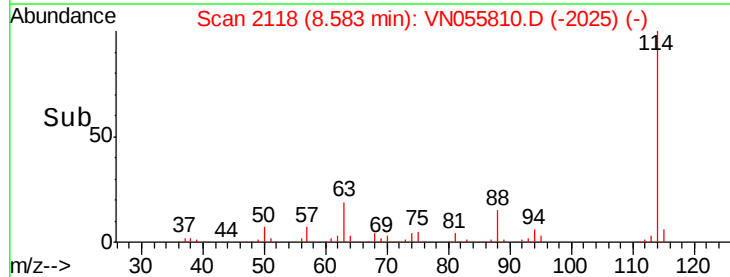
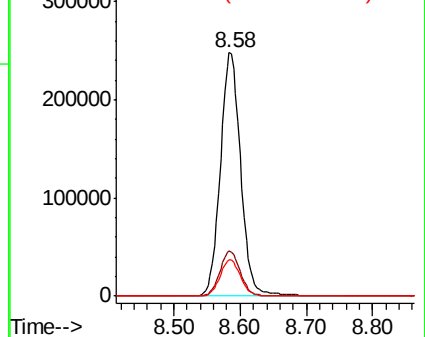
88 15.1 0.0 31.0

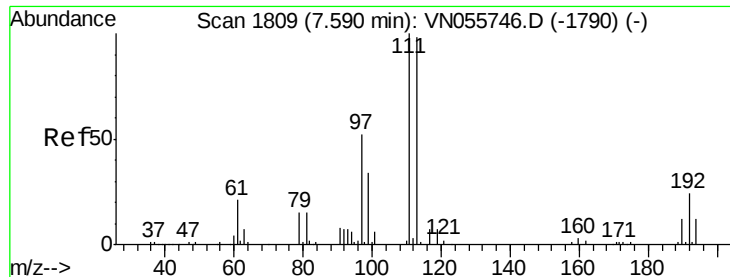


Abundance Ion 113.90 (113.60 to 114.60): VN055810.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055810.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055810.D (-2025) (-)

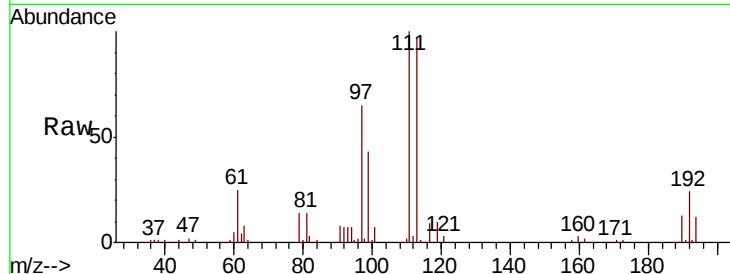




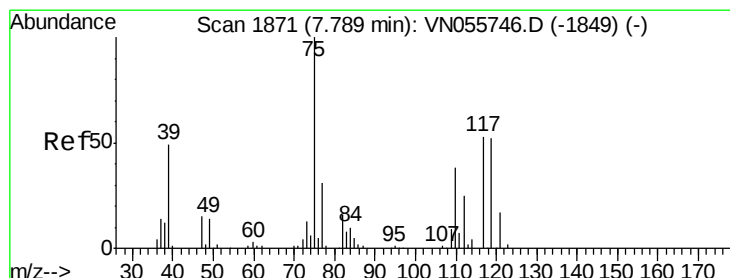
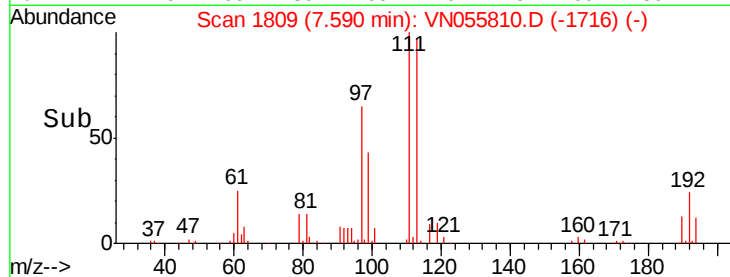
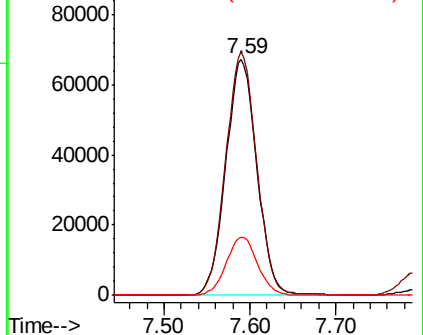
#35
 Dibromofluoromethane
 Concen: 50.586 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	24.9	19.5	29.3

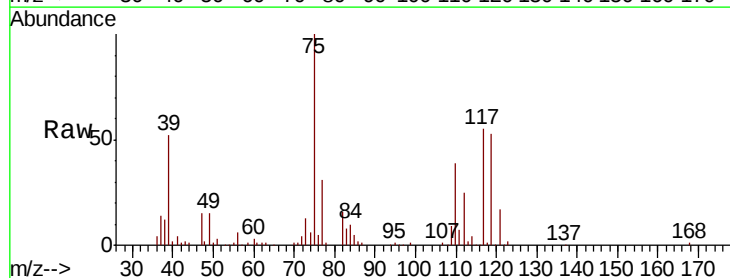


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

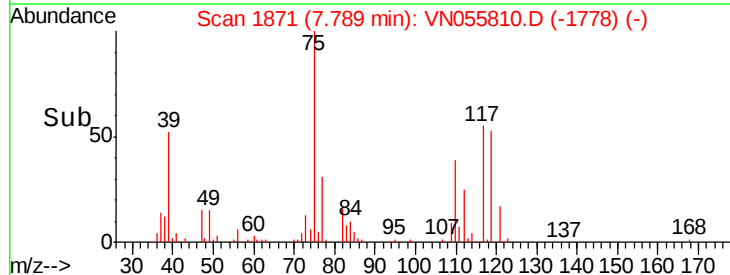
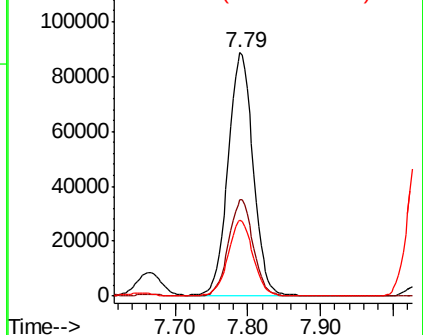


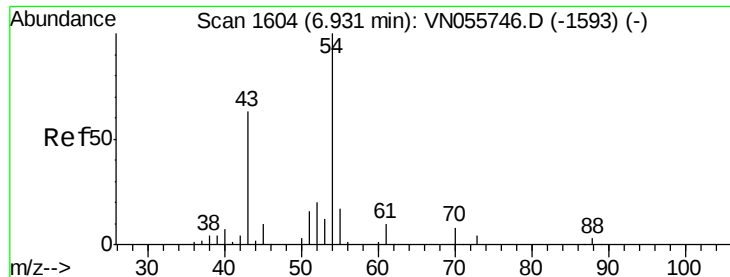
#36
 1,1-Dichloropropene
 Concen: 46.708 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.0	57.0
77	30.8	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

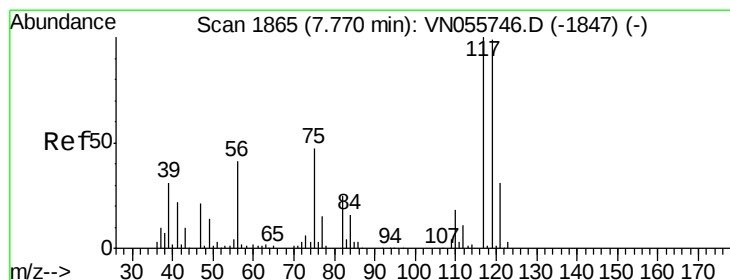
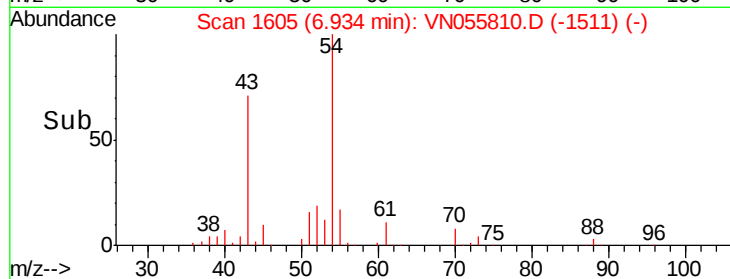
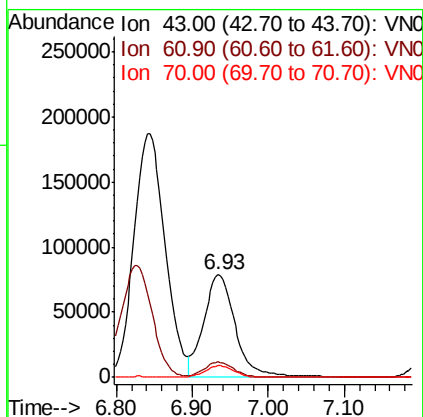
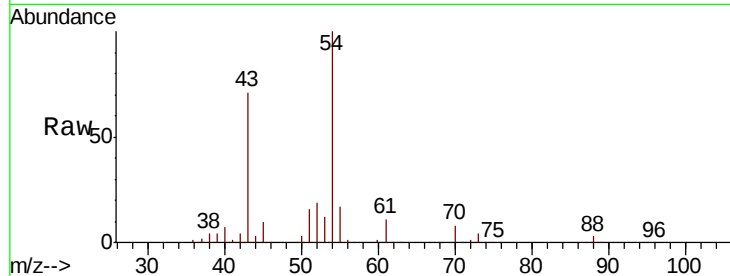




#37
Ethyl Acetate
Concen: 50.382 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

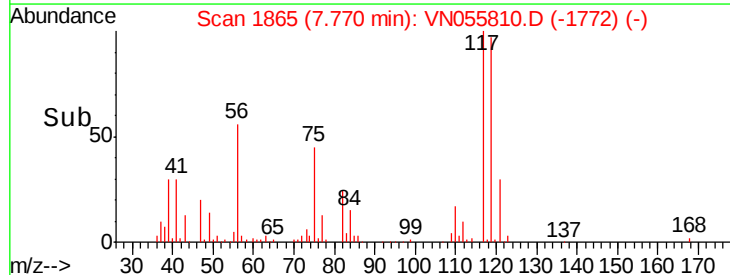
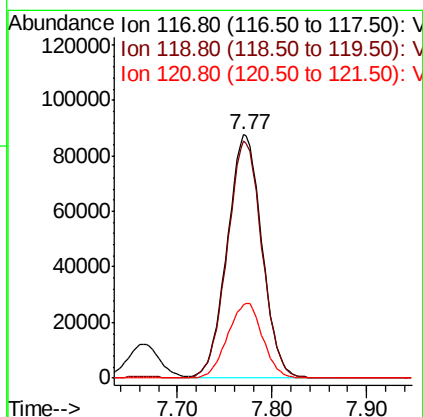
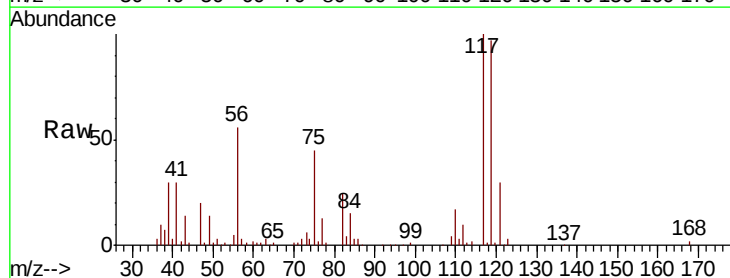
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

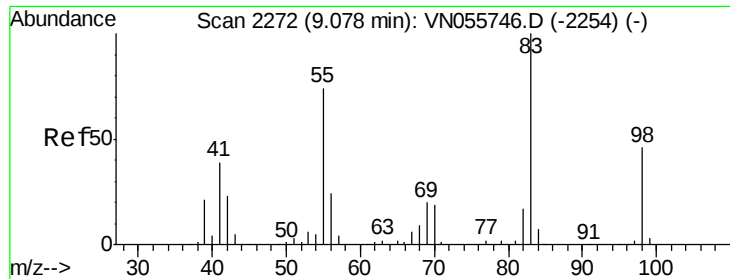
Tot Ion: 43 Resp: 223968
Ion Ratio Lower Upper
43 100
61 13.6 12.2 18.2
70 10.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 46.756 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 117 Resp: 224007
Ion Ratio Lower Upper
117 100
119 97.4 79.0 118.6
121 30.0 24.7 37.1

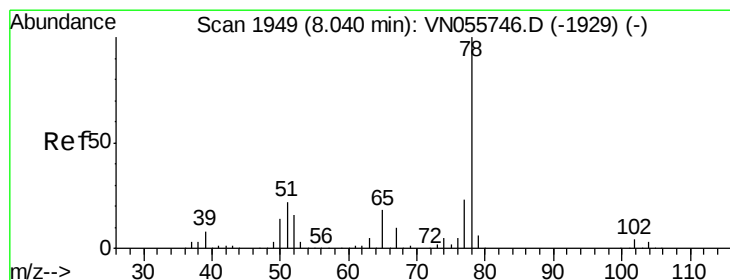
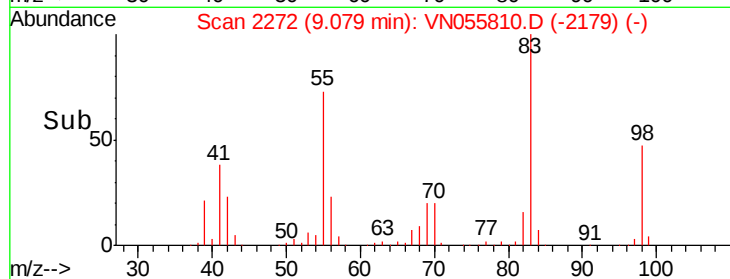
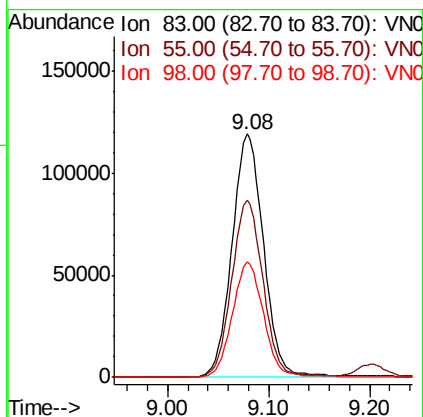
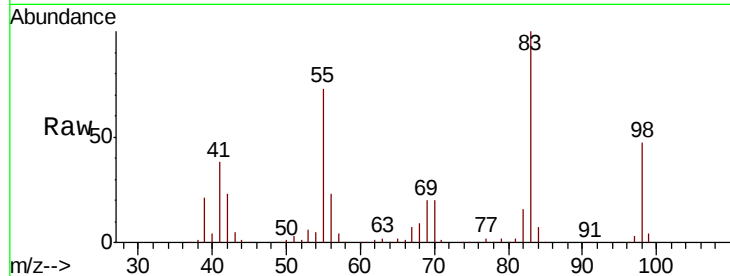




#39
Methvlcvclohexane
Concen: 45.497 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

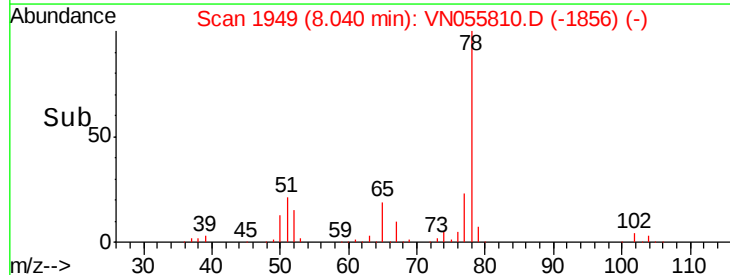
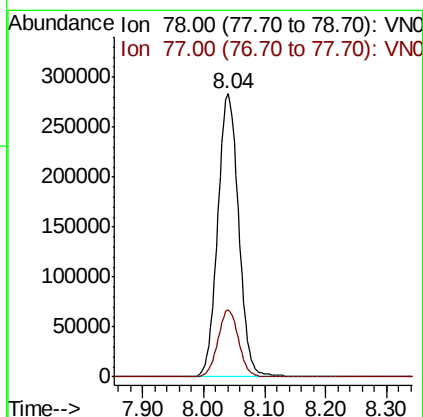
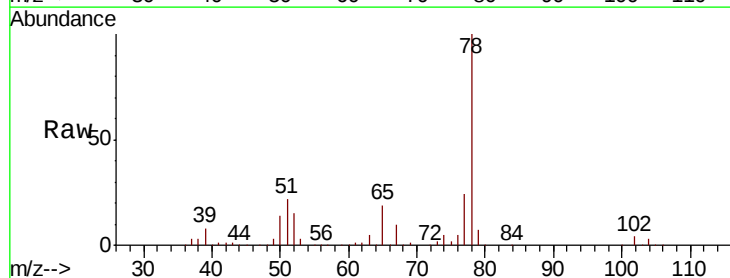
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

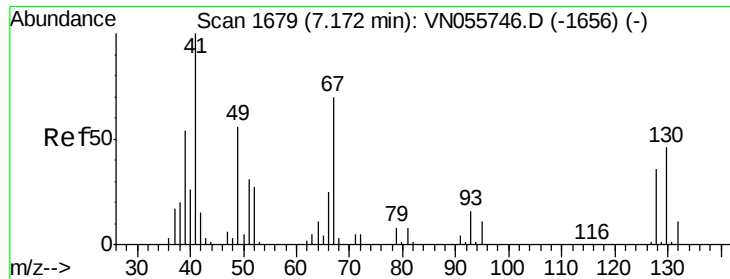
Tot Ion: 83 Resp: 259133
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 47.3 36.6 54.8



#40
Benzene
Concen: 48.638 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 78 Resp: 674219
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

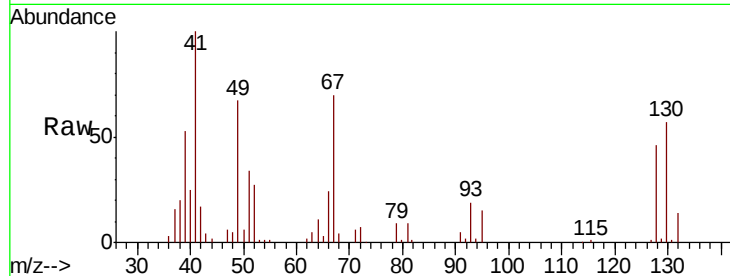




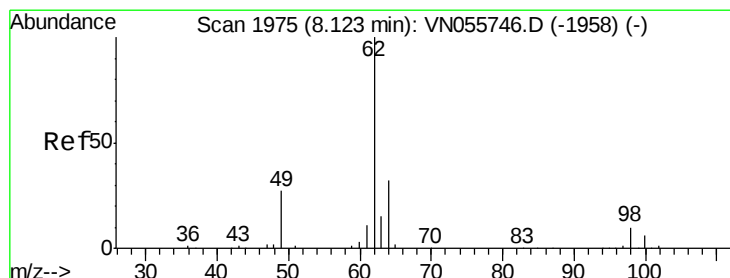
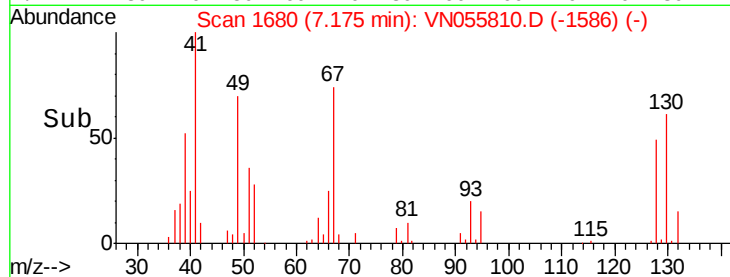
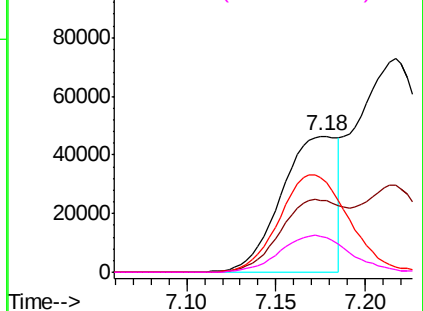
#41
Methacrylonitrile
Concen: 45.186 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	101479
Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.6	68.4
67	88.8	67.7	101.5
52	34.3	26.6	40.0

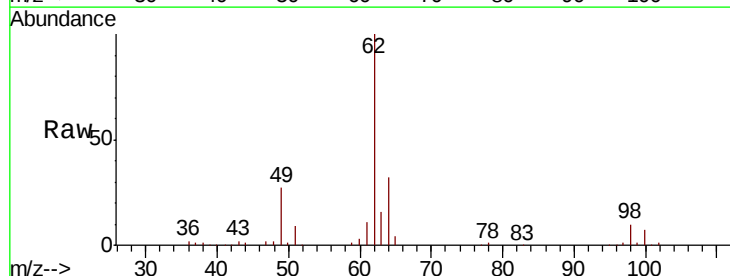


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

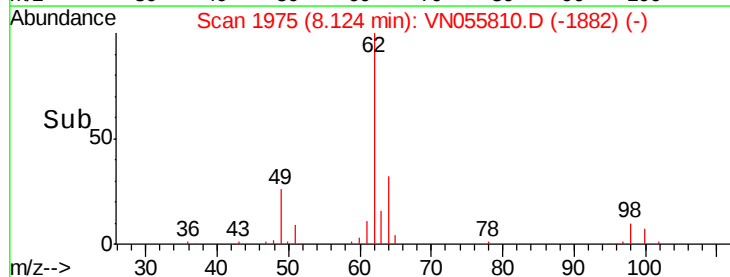
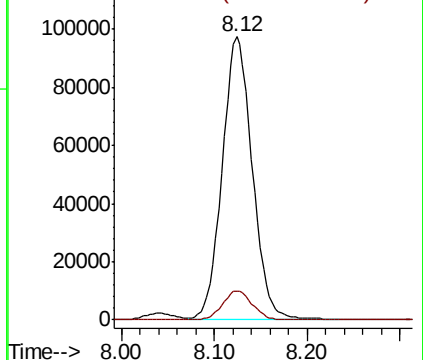


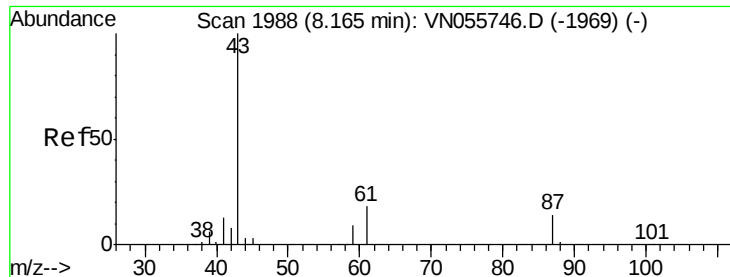
#42
1,2-Dichloroethane
Concen: 48.111 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion:	62	Resp:	217920
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 47.346 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

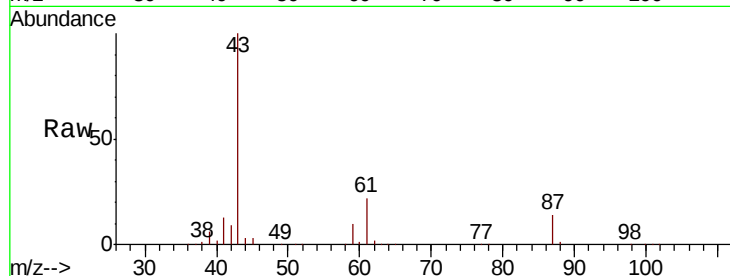
Tot Ion: 43 Resp: 353628

Ion Ratio Lower Upper

43 100

61 22.3 22.2 33.4

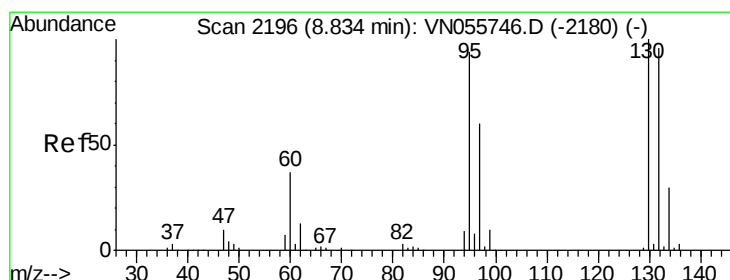
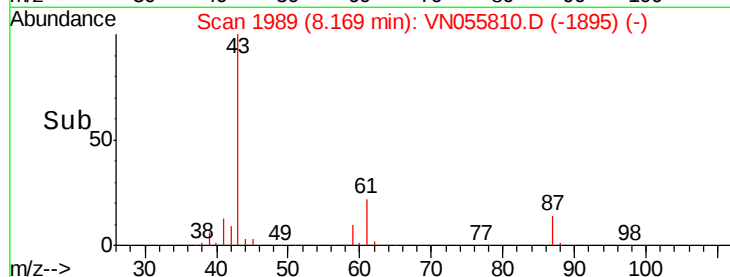
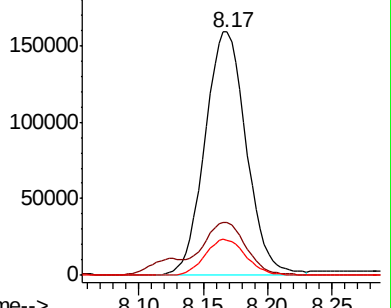
87 14.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055810.D (-1989) (-)

Ion 61.00 (60.70 to 61.70): VN055810.D (-1989) (-)

Ion 87.00 (86.70 to 87.70): VN055810.D (-1989) (-)



#44

Trichloroethene

Concen: 50.316 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055810.D

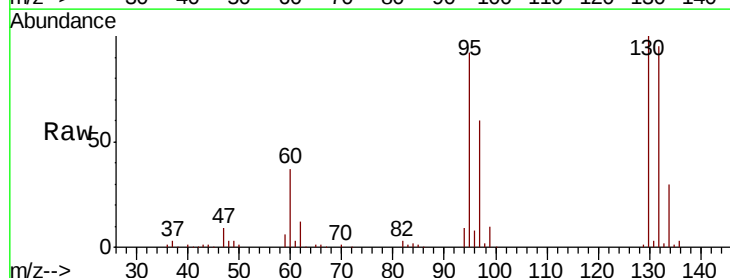
Acq: 24 May 2019 21:33

Tgt Ion:130 Resp: 194444

Ion Ratio Lower Upper

130 100

95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055810.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN055810.D (-2196) (-)

Ion 129.80 (129.50 to 130.50): VN055810.D (-2196) (-)

Ion 130.80 (130.50 to 131.50): VN055810.D (-2196) (-)

Ion 131.80 (131.50 to 132.50): VN055810.D (-2196) (-)

Ion 132.80 (132.50 to 133.50): VN055810.D (-2196) (-)

Ion 133.80 (133.50 to 134.50): VN055810.D (-2196) (-)

Ion 134.80 (134.50 to 135.50): VN055810.D (-2196) (-)

Ion 135.80 (135.50 to 136.50): VN055810.D (-2196) (-)

Ion 136.80 (136.50 to 137.50): VN055810.D (-2196) (-)

Ion 137.80 (137.50 to 138.50): VN055810.D (-2196) (-)

Ion 138.80 (138.50 to 139.50): VN055810.D (-2196) (-)

Ion 139.80 (139.50 to 140.50): VN055810.D (-2196) (-)

Ion 140.80 (140.50 to 141.50): VN055810.D (-2196) (-)

Ion 141.80 (141.50 to 142.50): VN055810.D (-2196) (-)

Ion 142.80 (142.50 to 143.50): VN055810.D (-2196) (-)

Ion 143.80 (143.50 to 144.50): VN055810.D (-2196) (-)

Ion 144.80 (144.50 to 145.50): VN055810.D (-2196) (-)

Ion 145.80 (145.50 to 146.50): VN055810.D (-2196) (-)

Ion 146.80 (146.50 to 147.50): VN055810.D (-2196) (-)

Ion 147.80 (147.50 to 148.50): VN055810.D (-2196) (-)

Ion 148.80 (148.50 to 149.50): VN055810.D (-2196) (-)

Ion 149.80 (149.50 to 150.50): VN055810.D (-2196) (-)

Ion 150.80 (150.50 to 151.50): VN055810.D (-2196) (-)

Ion 151.80 (151.50 to 152.50): VN055810.D (-2196) (-)

Ion 152.80 (152.50 to 153.50): VN055810.D (-2196) (-)

Ion 153.80 (153.50 to 154.50): VN055810.D (-2196) (-)

Ion 154.80 (154.50 to 155.50): VN055810.D (-2196) (-)

Ion 155.80 (155.50 to 156.50): VN055810.D (-2196) (-)

Ion 156.80 (156.50 to 157.50): VN055810.D (-2196) (-)

Ion 157.80 (157.50 to 158.50): VN055810.D (-2196) (-)

Ion 158.80 (158.50 to 159.50): VN055810.D (-2196) (-)

Ion 159.80 (159.50 to 160.50): VN055810.D (-2196) (-)

Ion 160.80 (160.50 to 161.50): VN055810.D (-2196) (-)

Ion 161.80 (161.50 to 162.50): VN055810.D (-2196) (-)

Ion 162.80 (162.50 to 163.50): VN055810.D (-2196) (-)

Ion 163.80 (163.50 to 164.50): VN055810.D (-2196) (-)

Ion 164.80 (164.50 to 165.50): VN055810.D (-2196) (-)

Ion 165.80 (165.50 to 166.50): VN055810.D (-2196) (-)

Ion 166.80 (166.50 to 167.50): VN055810.D (-2196) (-)

Ion 167.80 (167.50 to 168.50): VN055810.D (-2196) (-)

Ion 168.80 (168.50 to 169.50): VN055810.D (-2196) (-)

Ion 169.80 (169.50 to 170.50): VN055810.D (-2196) (-)

Ion 170.80 (170.50 to 171.50): VN055810.D (-2196) (-)

Ion 171.80 (171.50 to 172.50): VN055810.D (-2196) (-)

Ion 172.80 (172.50 to 173.50): VN055810.D (-2196) (-)

Ion 173.80 (173.50 to 174.50): VN055810.D (-2196) (-)

Ion 174.80 (174.50 to 175.50): VN055810.D (-2196) (-)

Ion 175.80 (175.50 to 176.50): VN055810.D (-2196) (-)

Ion 176.80 (176.50 to 177.50): VN055810.D (-2196) (-)

Ion 177.80 (177.50 to 178.50): VN055810.D (-2196) (-)

Ion 178.80 (178.50 to 179.50): VN055810.D (-2196) (-)

Ion 179.80 (179.50 to 180.50): VN055810.D (-2196) (-)

Ion 180.80 (180.50 to 181.50): VN055810.D (-2196) (-)

Ion 181.80 (181.50 to 182.50): VN055810.D (-2196) (-)

Ion 182.80 (182.50 to 183.50): VN055810.D (-2196) (-)

Ion 183.80 (183.50 to 184.50): VN055810.D (-2196) (-)

Ion 184.80 (184.50 to 185.50): VN055810.D (-2196) (-)

Ion 185.80 (185.50 to 186.50): VN055810.D (-2196) (-)

Ion 186.80 (186.50 to 187.50): VN055810.D (-2196) (-)

Ion 187.80 (187.50 to 188.50): VN055810.D (-2196) (-)

Ion 188.80 (188.50 to 189.50): VN055810.D (-2196) (-)

Ion 189.80 (189.50 to 190.50): VN055810.D (-2196) (-)

Ion 190.80 (190.50 to 191.50): VN055810.D (-2196) (-)

Ion 191.80 (191.50 to 192.50): VN055810.D (-2196) (-)

Ion 192.80 (192.50 to 193.50): VN055810.D (-2196) (-)

Ion 193.80 (193.50 to 194.50): VN055810.D (-2196) (-)

Ion 194.80 (194.50 to 195.50): VN055810.D (-2196) (-)

Ion 195.80 (195.50 to 196.50): VN055810.D (-2196) (-)

Ion 196.80 (196.50 to 197.50): VN055810.D (-2196) (-)

Ion 197.80 (197.50 to 198.50): VN055810.D (-2196) (-)

Ion 198.80 (198.50 to 199.50): VN055810.D (-2196) (-)

Ion 199.80 (199.50 to 200.50): VN055810.D (-2196) (-)

Ion 200.80 (200.50 to 201.50): VN055810.D (-2196) (-)

Ion 201.80 (201.50 to 202.50): VN055810.D (-2196) (-)

Ion 202.80 (202.50 to 203.50): VN055810.D (-2196) (-)

Ion 203.80 (203.50 to 204.50): VN055810.D (-2196) (-)

Ion 204.80 (204.50 to 205.50): VN055810.D (-2196) (-)

Ion 205.80 (205.50 to 206.50): VN055810.D (-2196) (-)

Ion 206.80 (206.50 to 207.50): VN055810.D (-2196) (-)

Ion 207.80 (207.50 to 208.50): VN055810.D (-2196) (-)

Ion 208.80 (208.50 to 209.50): VN055810.D (-2196) (-)

Ion 209.80 (209.50 to 210.50): VN055810.D (-2196) (-)

Ion 210.80 (210.50 to 211.50): VN055810.D (-2196) (-)

Ion 211.80 (211.50 to 212.50): VN055810.D (-2196) (-)

Ion 212.80 (212.50 to 213.50): VN055810.D (-2196) (-)

Ion 213.80 (213.50 to 214.50): VN055810.D (-2196) (-)

Ion 214.80 (214.50 to 215.50): VN055810.D (-2196) (-)

Ion 215.80 (215.50 to 216.50): VN055810.D (-2196) (-)

Ion 216.80 (216.50 to 217.50): VN055810.D (-2196) (-)

Ion 217.80 (217.50 to 218.50): VN055810.D (-2196) (-)

Ion 218.80 (218.50 to 219.50): VN055810.D (-2196) (-)

Ion 219.80 (219.50 to 220.50): VN055810.D (-2196) (-)

Ion 220.80 (220.50 to 221.50): VN055810.D (-2196) (-)

Ion 221.80 (221.50 to 222.50): VN055810.D (-2196) (-)

Ion 222.80 (222.50 to 223.50): VN055810.D (-2196) (-)

Ion 223.80 (223.50 to 224.50): VN055810.D (-2196) (-)

Ion 224.80 (224.50 to 225.50): VN055810.D (-2196) (-)

Ion 225.80 (225.50 to 226.50): VN055810.D (-2196) (-)

Ion 226.80 (226.50 to 227.50): VN055810.D (-2196) (-)

Ion 227.80 (227.50 to 228.50): VN055810.D (-2196) (-)

Ion 228.80 (228.50 to 229.50): VN055810.D (-2196) (-)

Ion 229.80 (229.50 to 230.50): VN055810.D (-2196) (-)

Ion 230.80 (230.50 to 231.50): VN055810.D (-2196) (-)

Ion 231.80 (231.50 to 232.50): VN055810.D (-2196) (-)

Ion 232.80 (232.50 to 233.50): VN055810.D (-2196) (-)

Ion 233.80 (233.50 to 234.50): VN055810.D (-2196) (-)

Ion 234.80 (234.50 to 235.50): VN055810.D (-2196) (-)

Ion 235.80 (235.50 to 236.50): VN055810.D (-2196) (-)

Ion 236.80 (236.50 to 237.50): VN055810.D (-2196) (-)

Ion 237.80 (237.50 to 238.50): VN055810.D (-2196) (-)

Ion 238.80 (238.50 to 239.50): VN055810.D (-2196) (-)

Ion 239.80 (239.50 to 240.50): VN055810.D (-2196) (-)

Ion 240.80 (240.50 to 241.50): VN055810.D (-2196) (-)

Ion 241.80 (241.50 to 242.50): VN055810.D (-2196) (-)

Ion 242.80 (242.50 to 243.50): VN055810.D (-2196) (-)

Ion 243.80 (243.50 to 244.50): VN055810.D (-2196) (-)

Ion 244.80 (244.50 to 245.50): VN055810.D (-2196) (-)

Ion 245.80 (245.50 to 246.50): VN055810.D (-2196) (-)

Ion 246.80 (246.50 to 247.50): VN055810.D (-2196) (-)

Ion 247.80 (247.50 to 248.50): VN055810.D (-2196) (-)

Ion 248.80 (248.50 to 249.50): VN055810.D (-2196) (-)

Ion 249.80 (249.50 to 250.50): VN055810.D (-2196) (-)

Ion 250.80 (250.50 to 251.50): VN055810.D (-2196) (-)

Ion 251.80 (251.50 to 252.50): VN055810.D (-2196) (-)

Ion 252.80 (252.50 to 253.50): VN055810.D (-2196) (-)

Ion 253.80 (253.50 to 254.50): VN055810.D (-2196) (-)

Ion 254.80 (254.50 to 255.50): VN055810.D (-2196) (-)

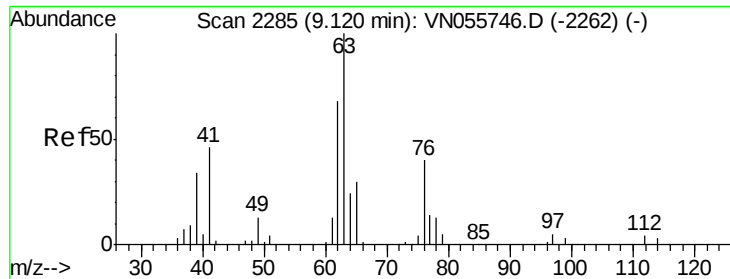
Ion 255.80 (255.50 to 256.50): VN055810.D (-2196) (-)

Ion 256.80 (256.50 to 257.50): VN055810.D (-2196) (-)

Ion 257.80 (257.50 to 258.50): VN055810.D (-2196) (-)

Ion 258.80 (258.50 to 259.50): VN055810.D (-2196) (-)

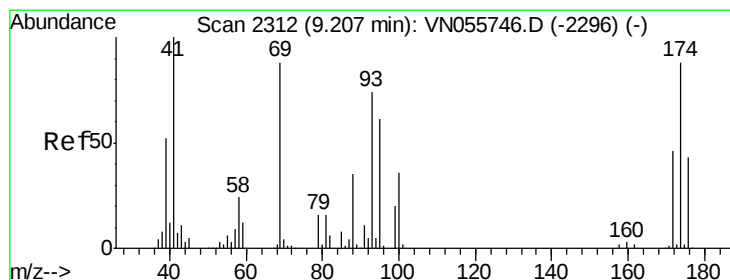
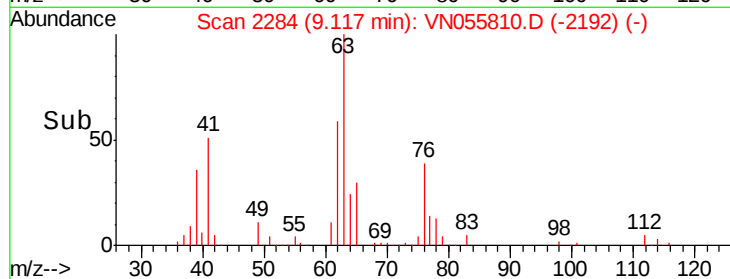
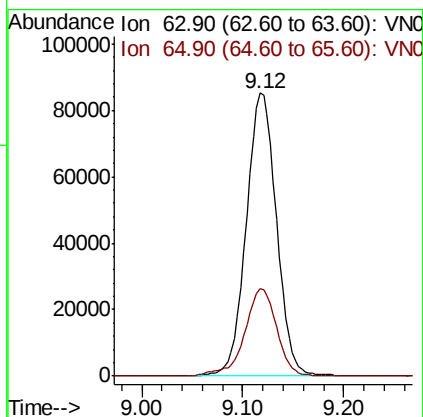
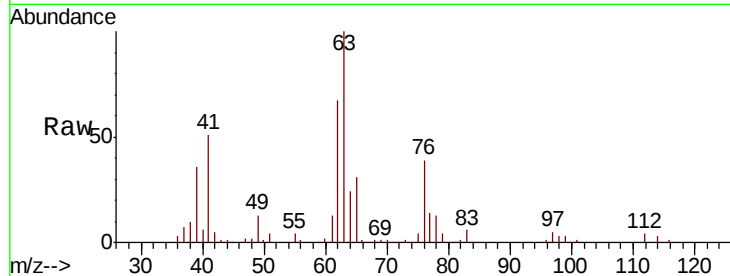
Ion 2



#45
 1,2-Dichloropropane
 Concen: 48.918 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

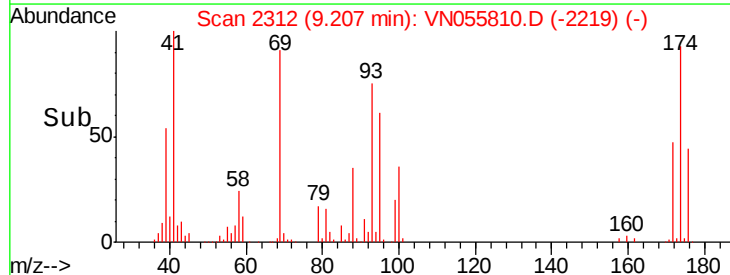
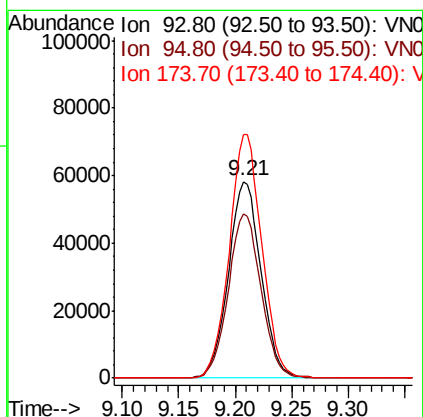
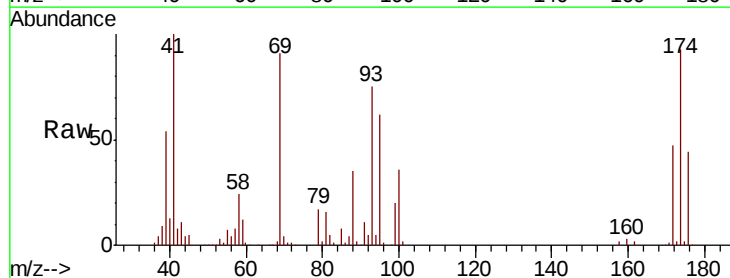
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

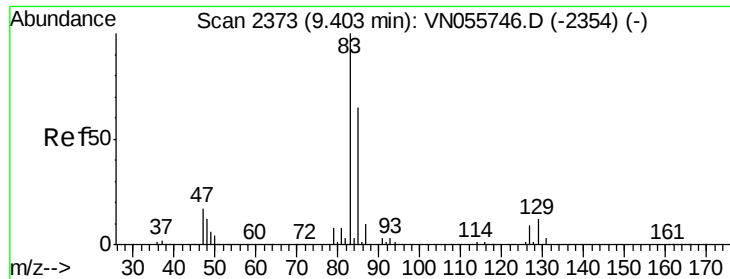
Tot Ion: 63 Resp: 176672
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 49.322 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 93 Resp: 116822
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.7 100.1
 174 123.7 96.4 144.6





#47

Bromodichloromethane

Concen: 47.463 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

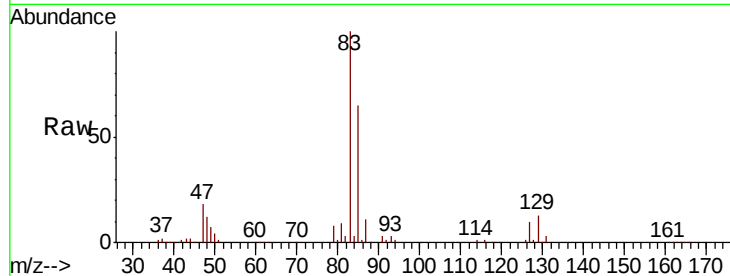
Tot Ion: 83 Resp: 230516

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2

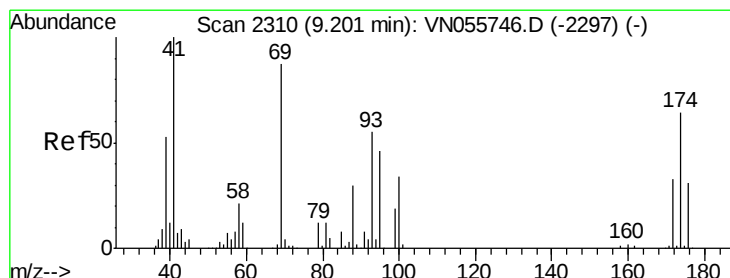
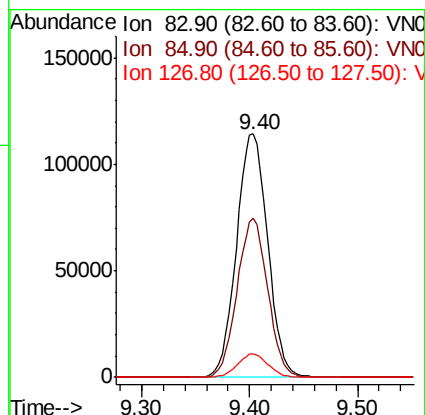
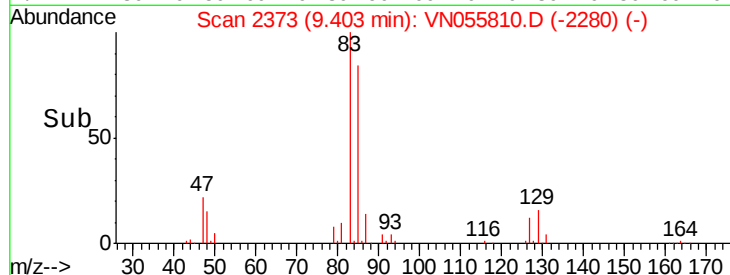
127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055810.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055810.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055810.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.711 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

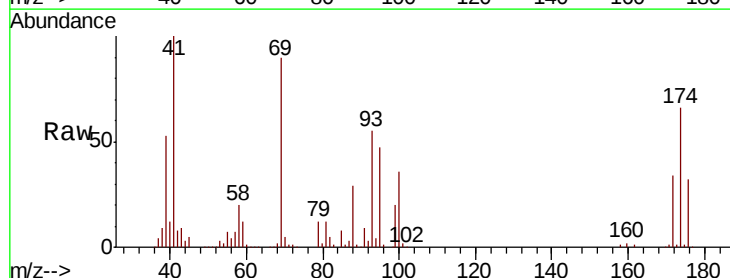
Tgt Ion: 41 Resp: 171119

Ion Ratio Lower Upper

41 100

69 90.2 71.0 106.6

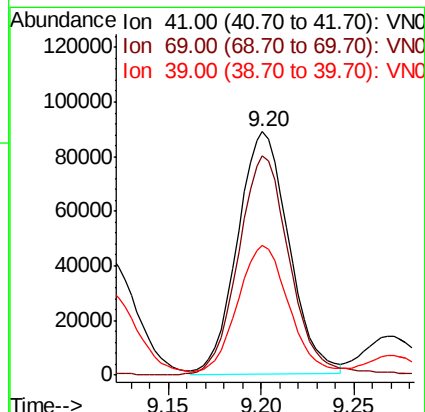
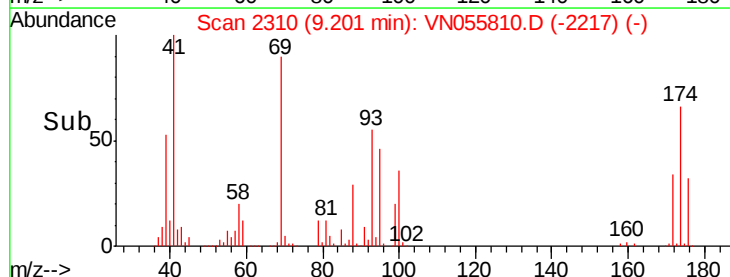
39 53.7 44.2 66.2

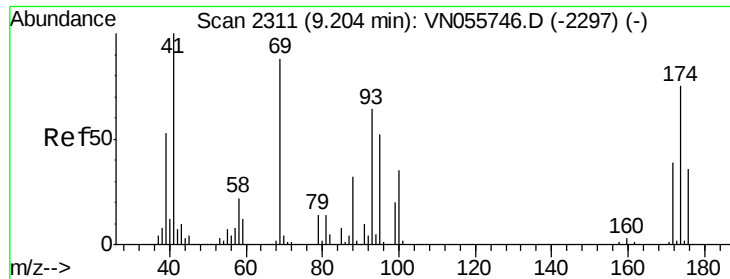


Abundance Ion 41.00 (40.70 to 41.70): VN055810.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055810.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055810.D (-2217) (-)





#49

1,4-Dioxane

Concen: 972.398 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

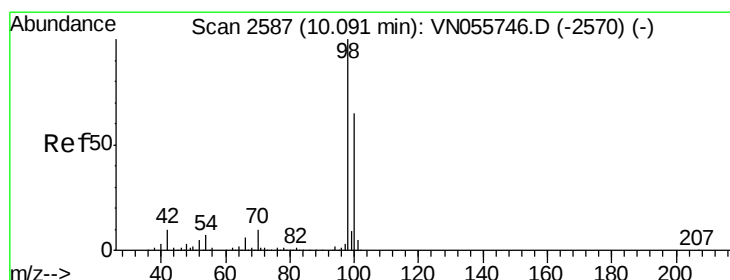
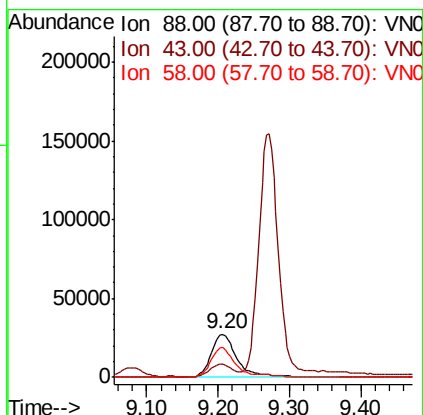
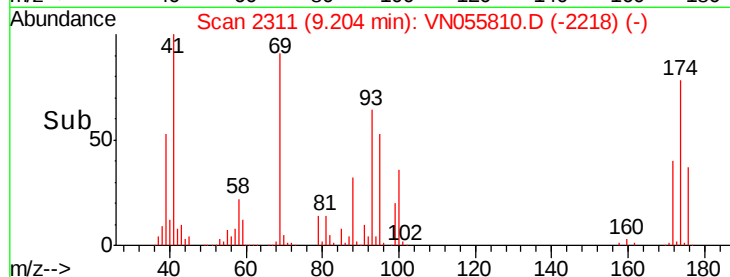
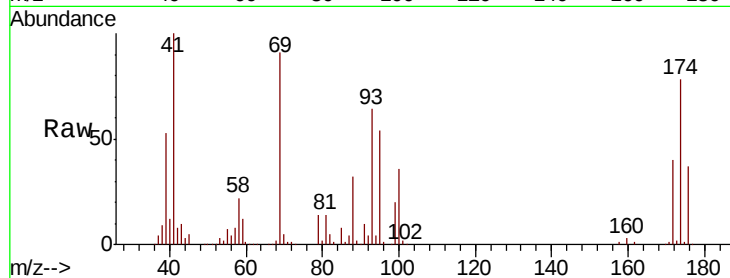
Tot Ion: 88 Resp: 69559

Ion Ratio Lower Upper

88 100

43 24.4 20.5 30.7

58 66.8 55.8 83.6



#50

Toluene-d8

Concen: 49.817 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055810.D

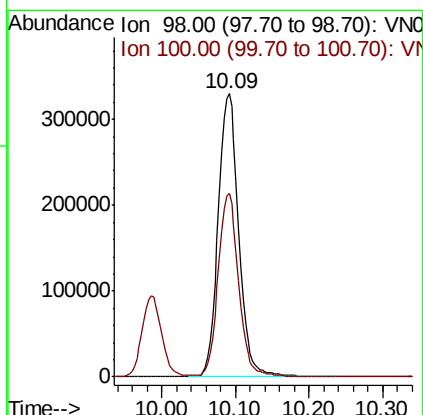
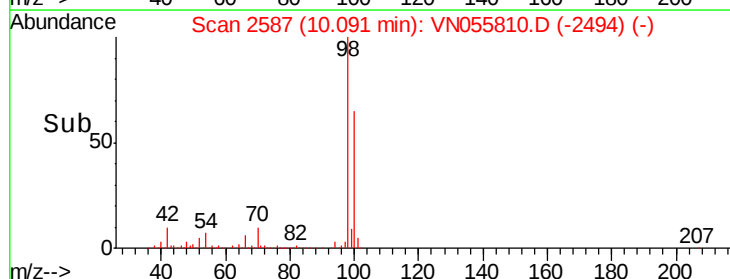
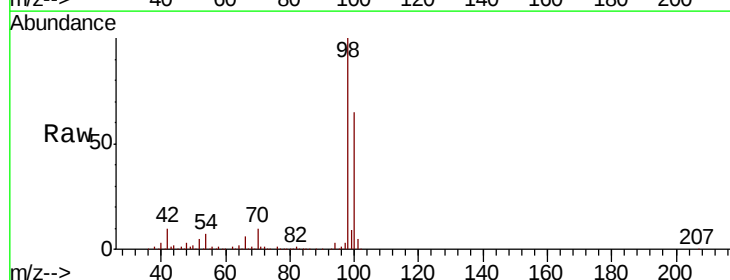
Acq: 24 May 2019 21:33

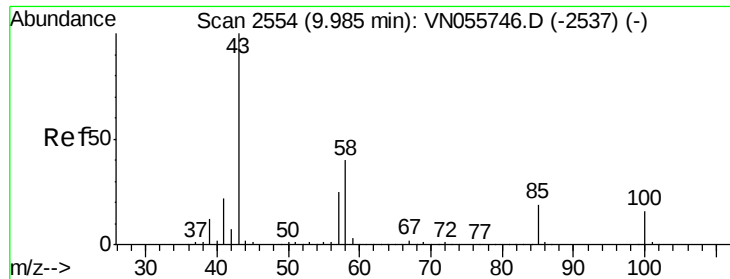
Tgt Ion: 98 Resp: 637654

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 244.130 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

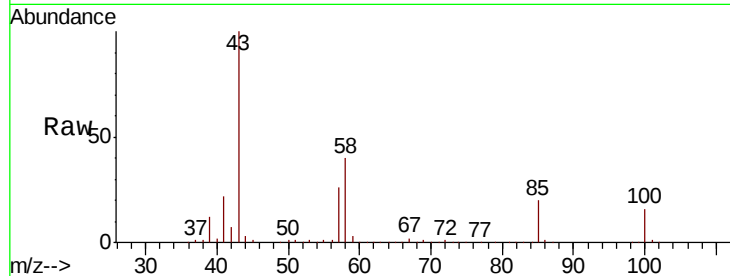
VSTDCCC050

Tot Ion: 43 Resp: 1076906

Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

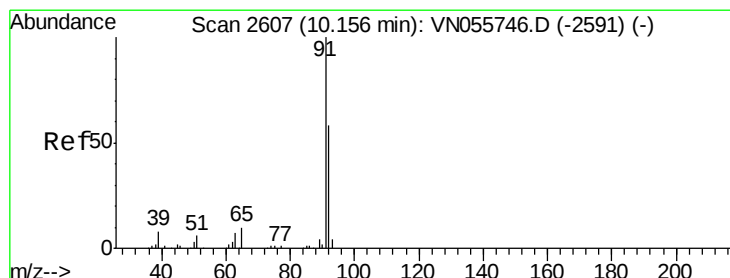
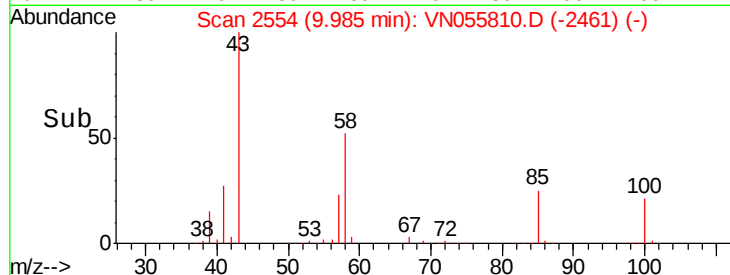
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.960 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055810.D

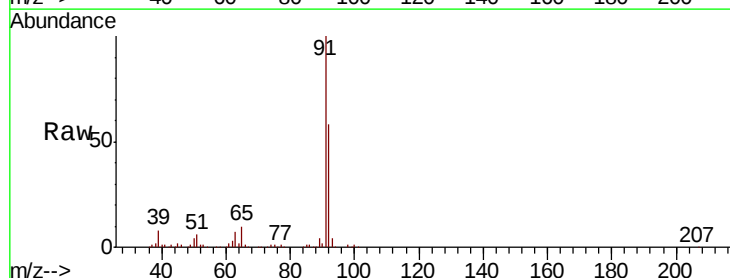
Acq: 24 May 2019 21:33

Tgt Ion: 92 Resp: 426841

Ion Ratio Lower Upper

92 100

91 173.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

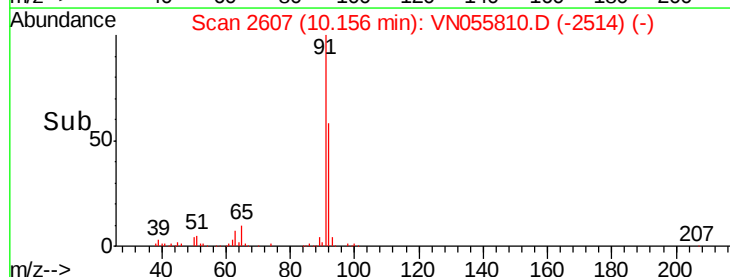
300000

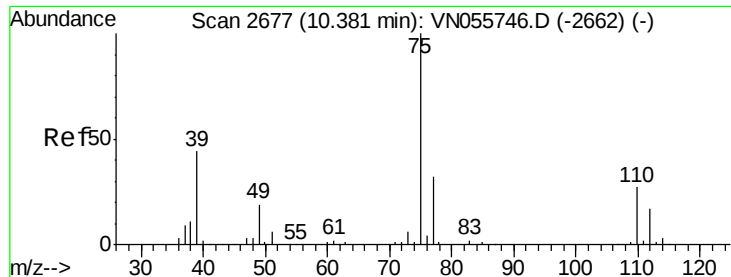
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.520 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

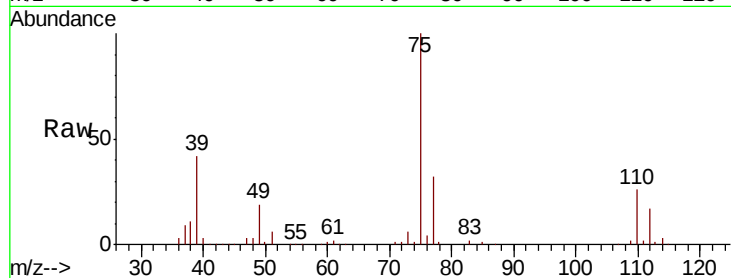
VSTDCCC050

Tot Ion: 75 Resp: 246353

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

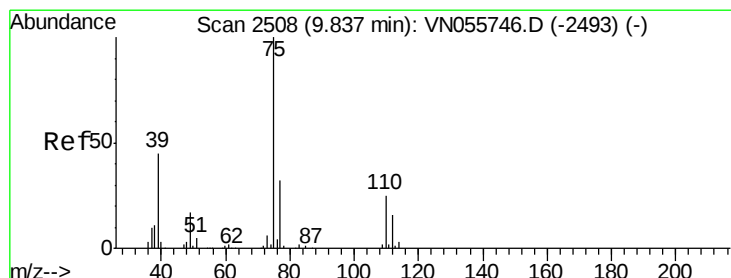
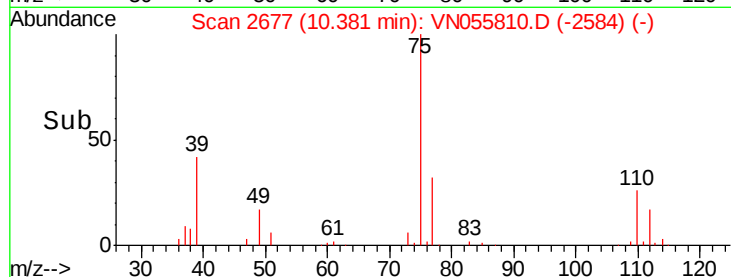
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.656 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

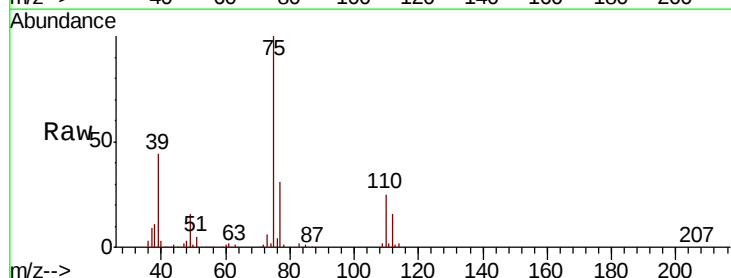
Tgt Ion: 75 Resp: 273694

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 43.7 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

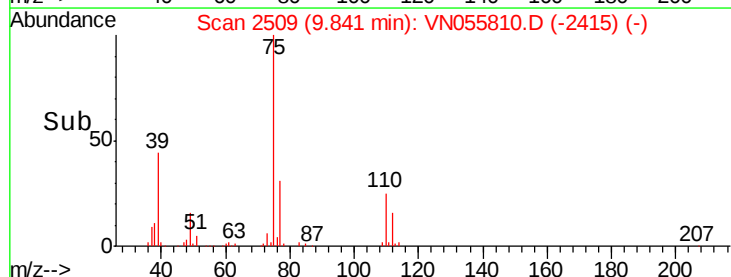
150000

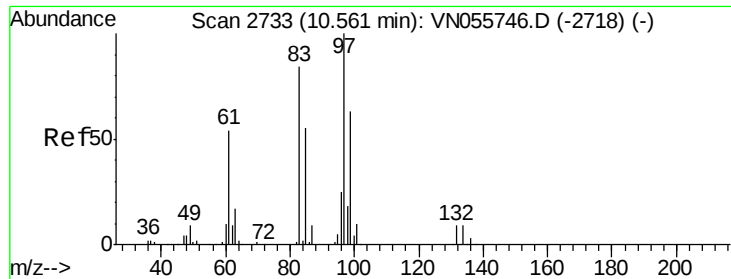
100000

50000

0

Time-->

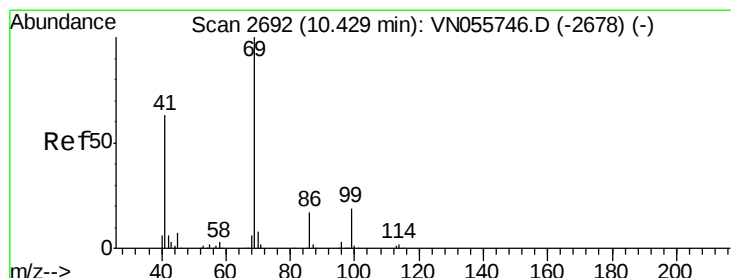
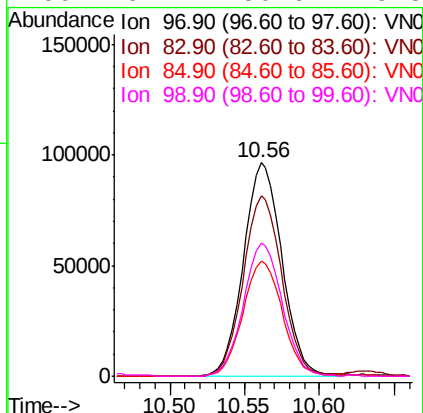
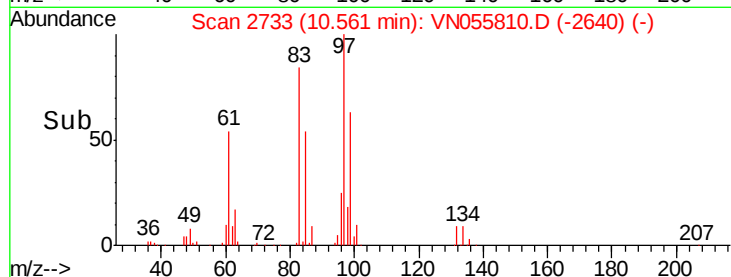
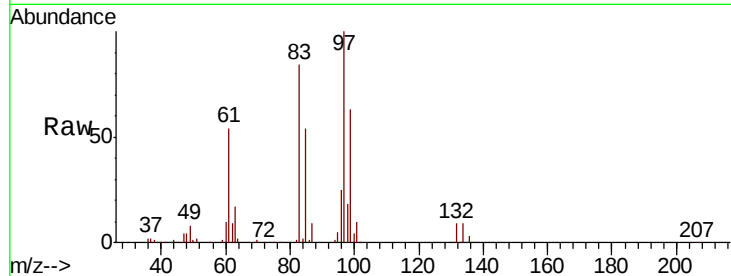




#55
 1,1,2-Trichloroethane
 Concen: 49.617 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

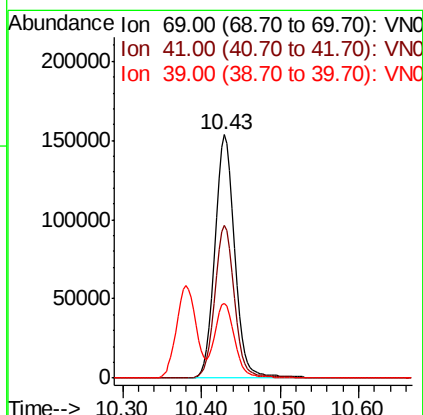
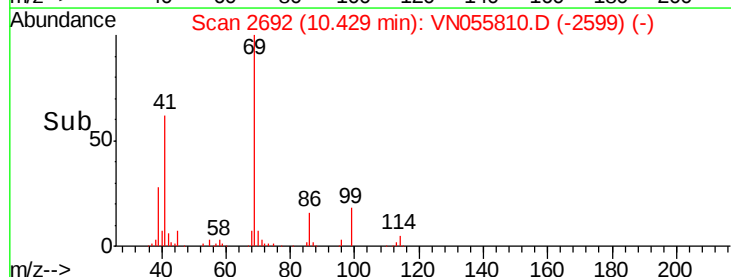
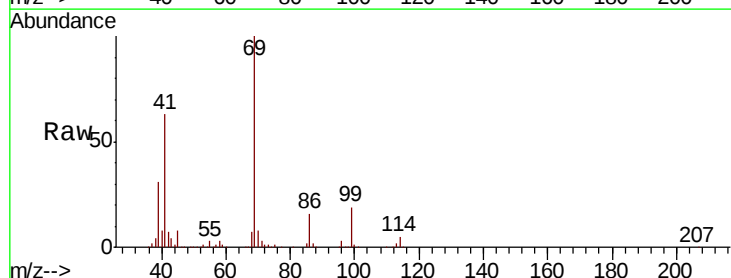
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

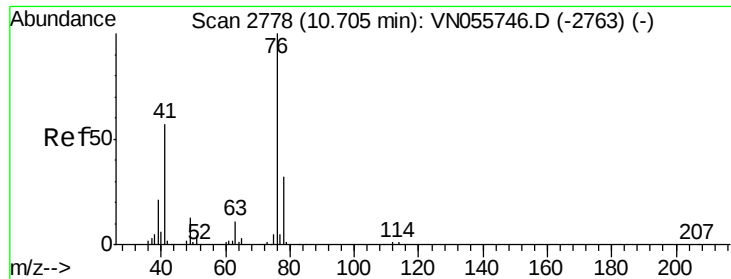
Tot Ion:	97	Resp:	173290
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.0	100.6
85	53.9	44.0	66.0
99	62.4	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 49.528 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion:	69	Resp:	267339
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.7	74.5
39	30.7	24.7	37.1

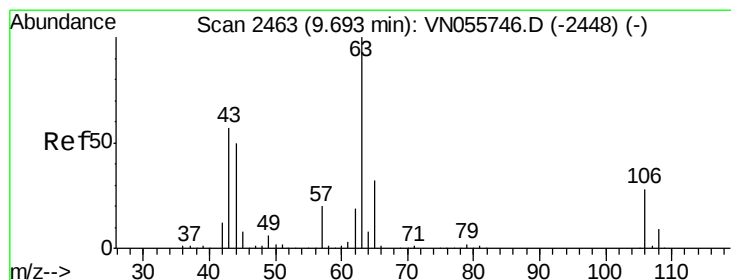
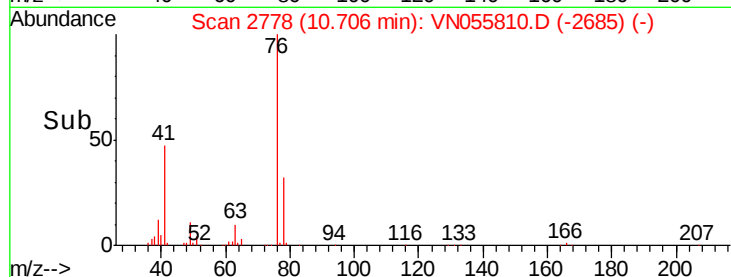
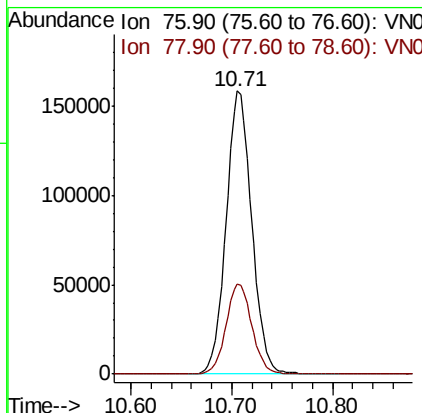
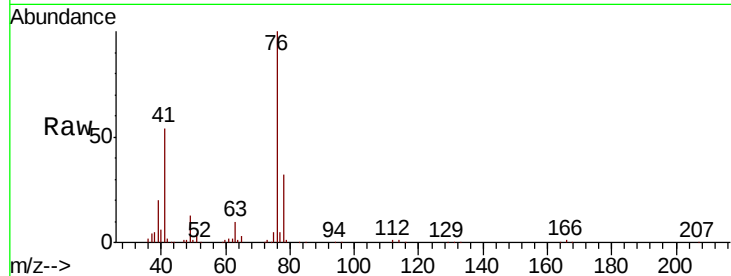




#57
 1,3-Dichloropropane
 Concen: 49.471 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

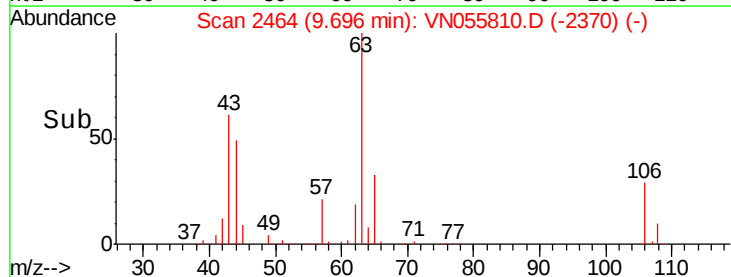
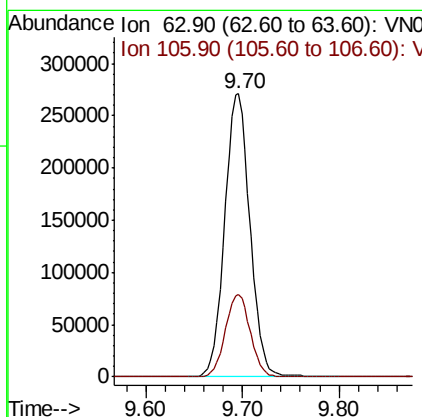
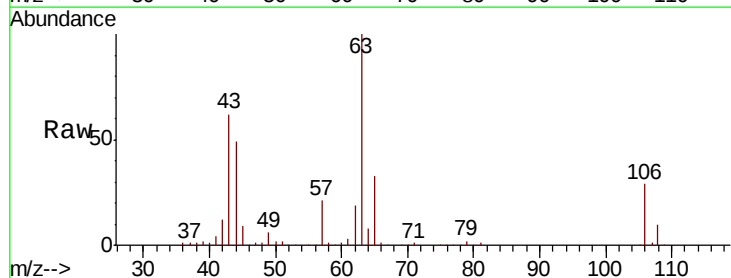
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

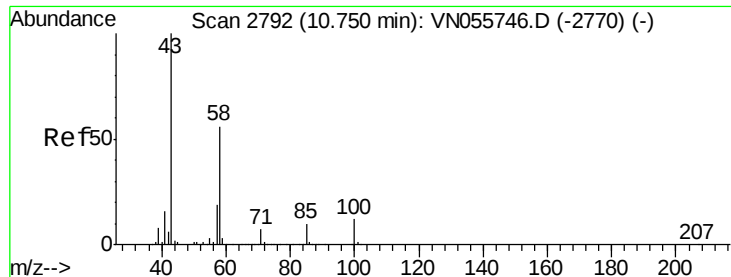
Tot Ion: 76 Resp: 280854
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.769 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 63 Resp: 490463
 Ion Ratio Lower Upper
 63 100
 106 29.0 22.7 34.1

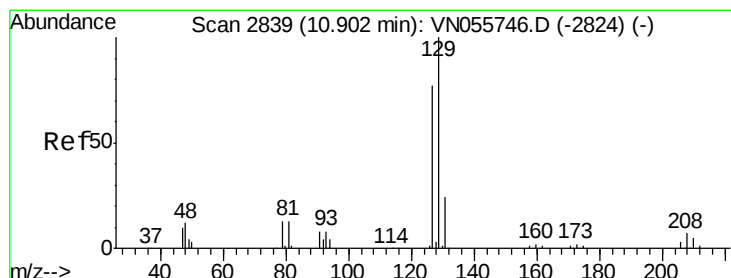
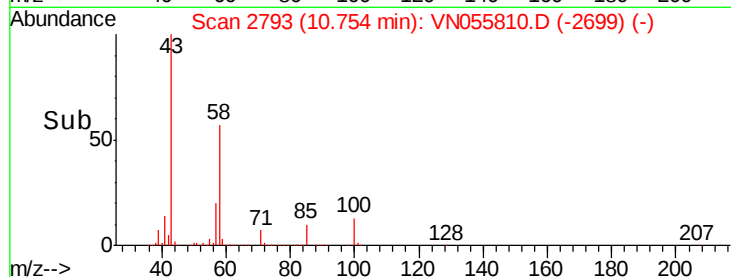
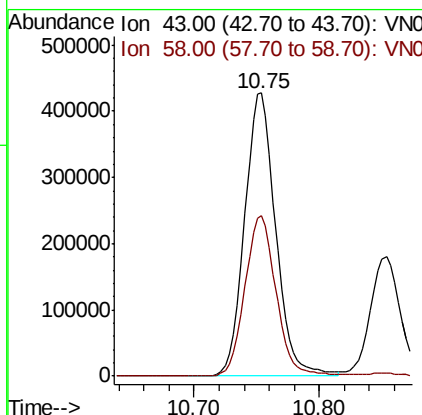
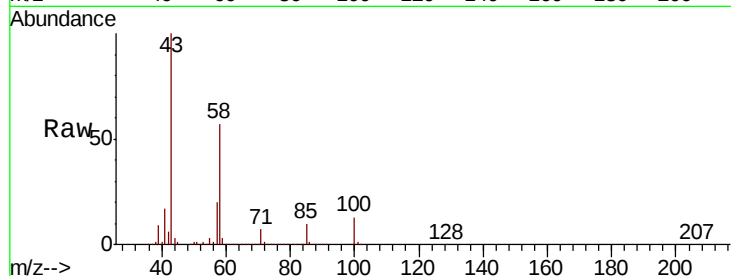




#59
2-Hexanone
Concen: 235.300 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

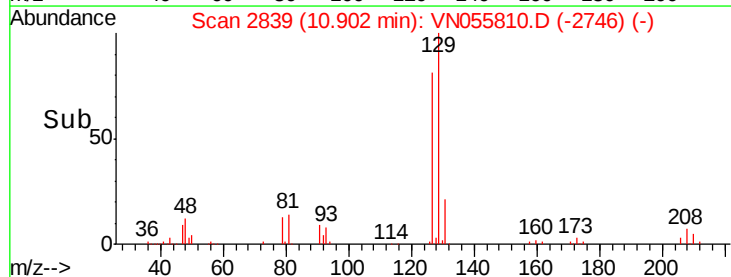
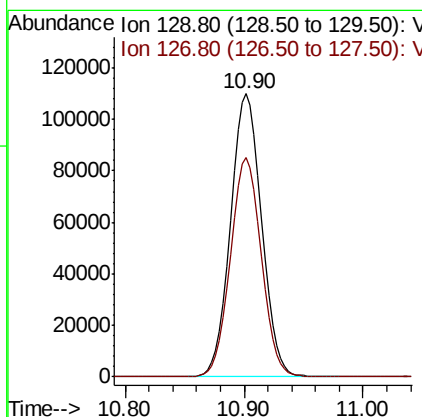
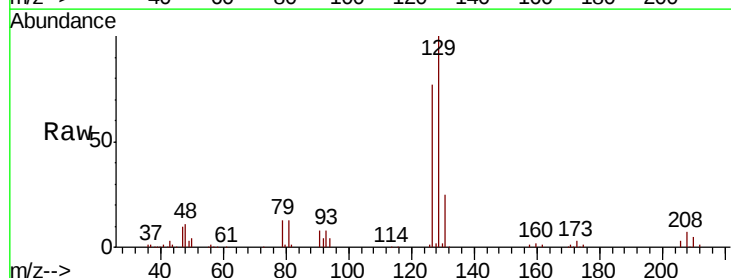
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

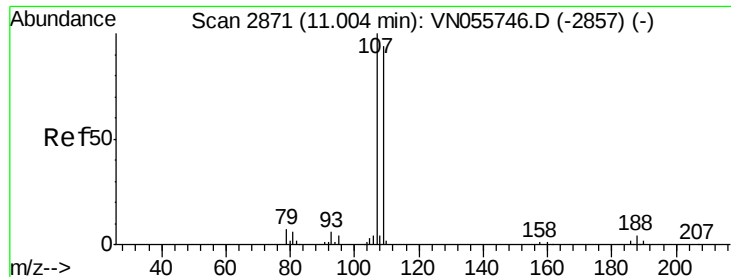
Tot Ion: 43 Resp: 736334
Ion Ratio Lower Upper
43 100
58 57.2 28.2 84.7



#60
Dibromochloromethane
Concen: 48.884 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 129 Resp: 198893
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

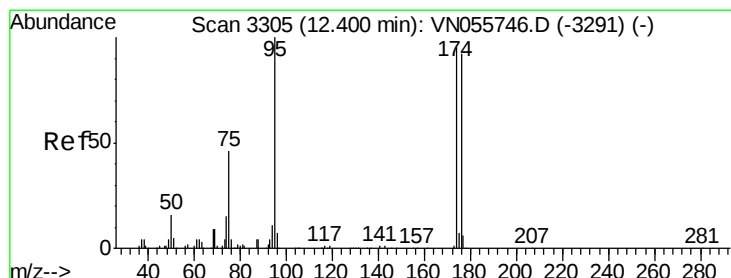
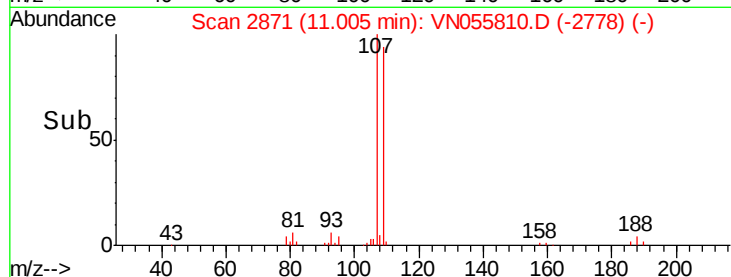
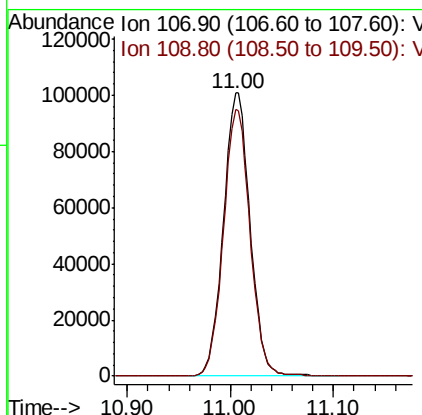
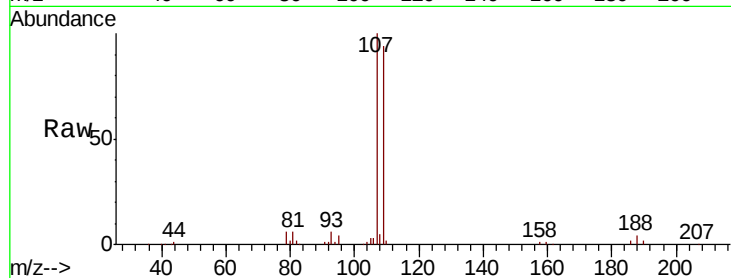




#61
 1,2-Dibromoethane
 Concen: 50.045 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

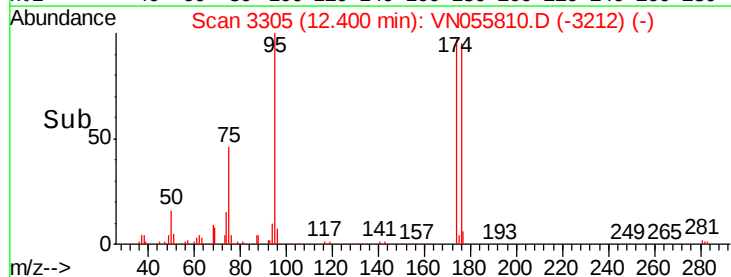
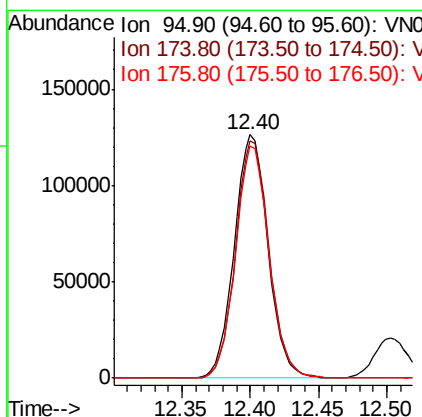
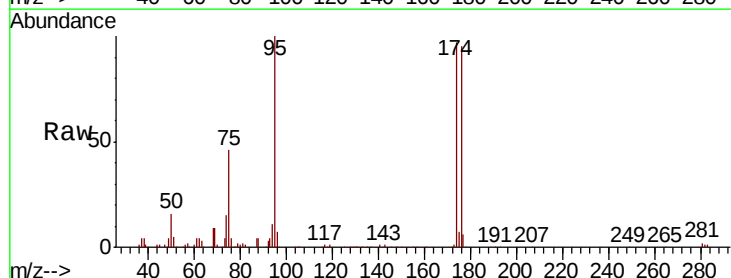
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

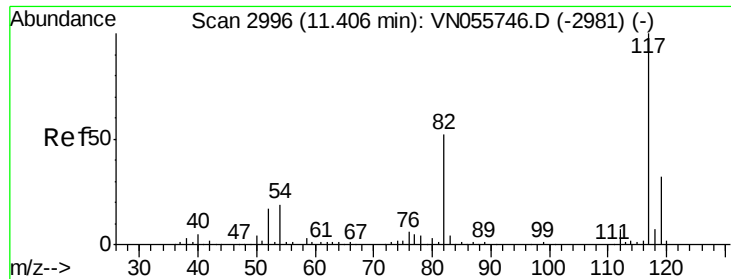
Tot Ion:107 Resp: 181298
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 49.337 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 95 Resp: 216537
 Ion Ratio Lower Upper
 95 100
 174 97.2 0.0 191.0
 176 94.3 0.0 185.2

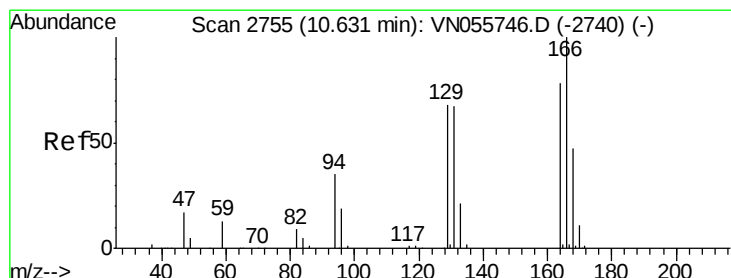
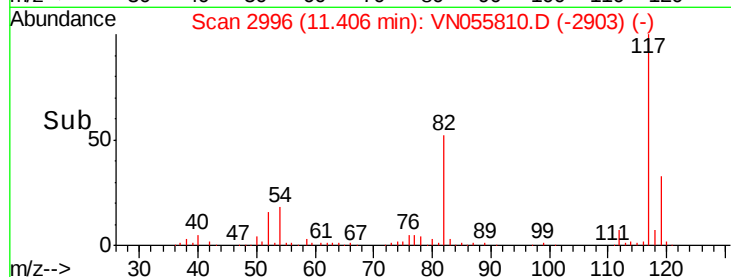
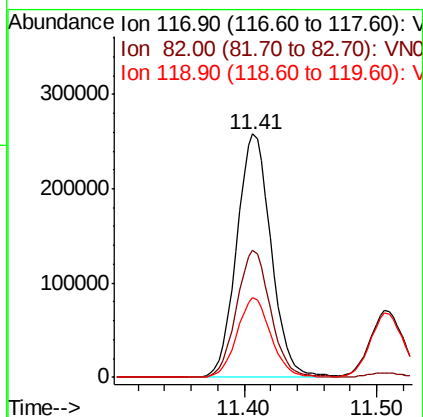
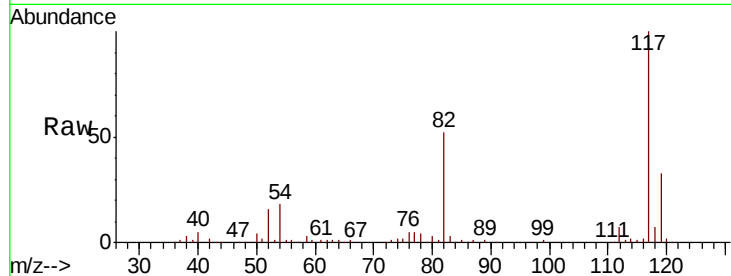




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

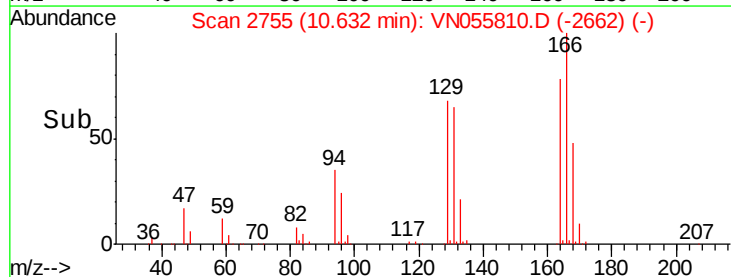
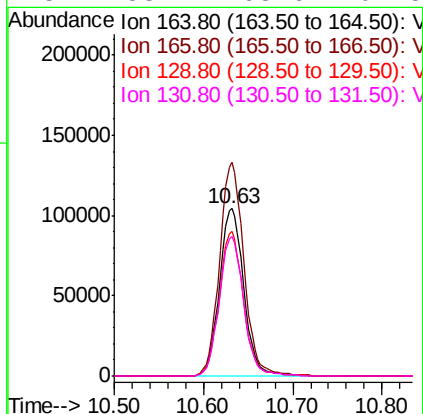
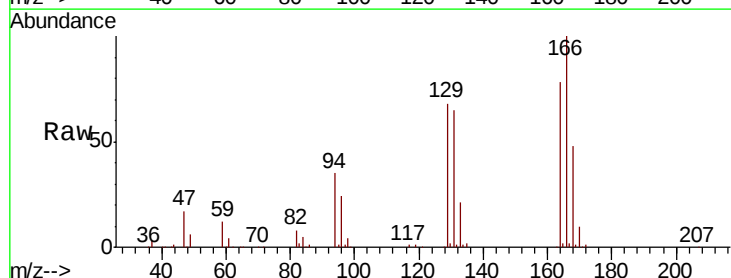
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

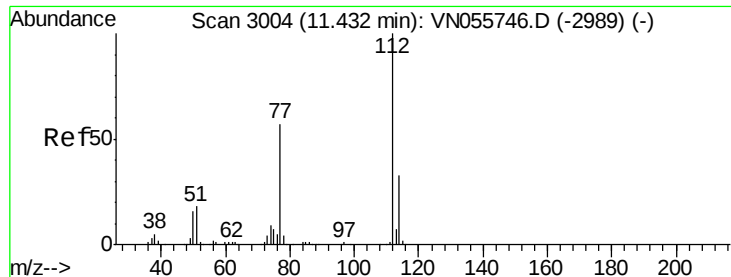
Tot Ion:117 Resp: 465196
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 50.266 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion:164 Resp: 197220
Ion Ratio Lower Upper
164 100
166 127.6 103.0 154.6
129 86.5 70.6 105.8
131 83.2 68.6 102.8

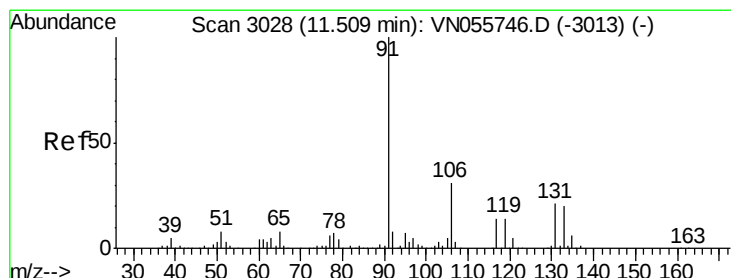
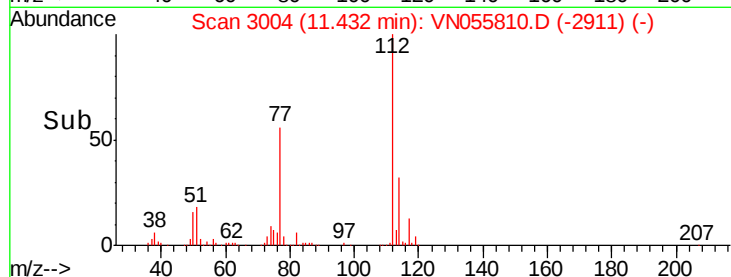
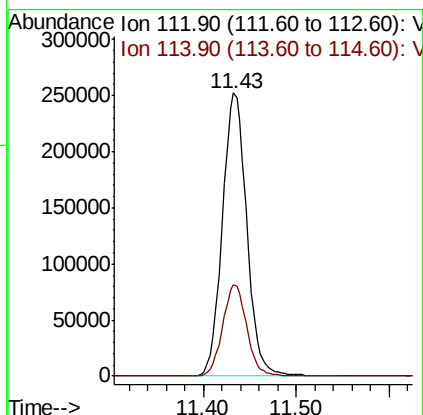
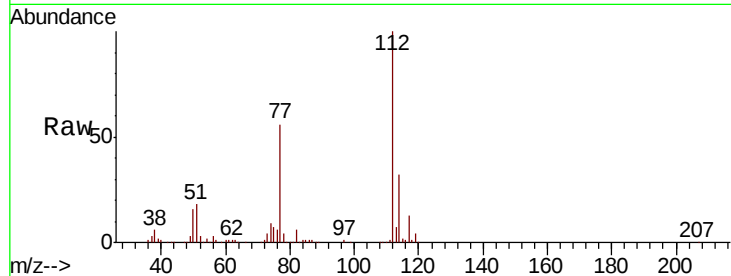




#65
Chlorobenzene
Concen: 49.360 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

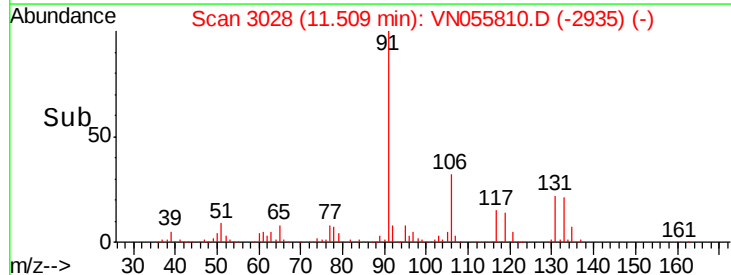
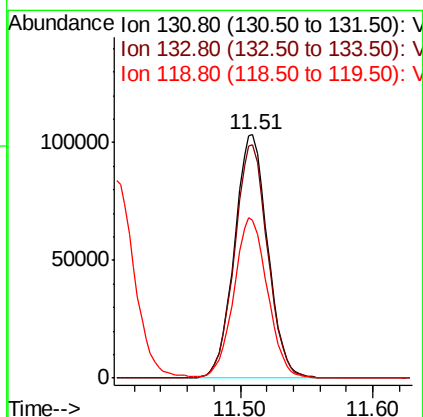
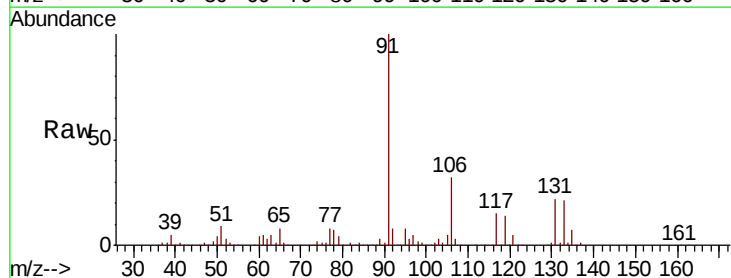
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

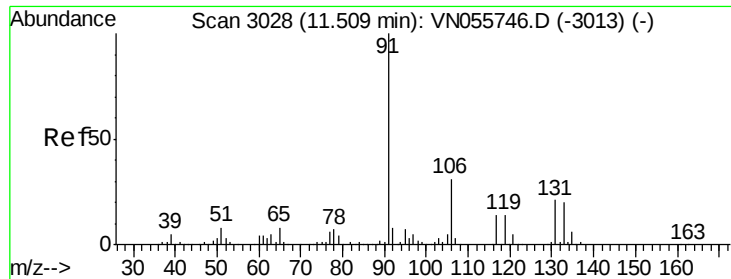
Tot Ion:112 Resp: 459677
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.631 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion:131 Resp: 180628
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 66.4 33.1 99.5

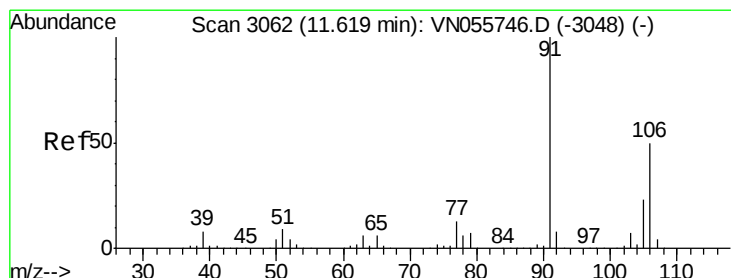
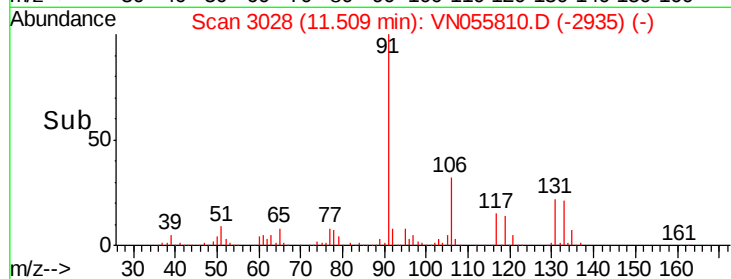
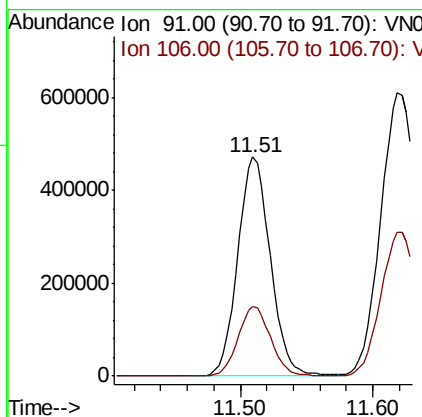
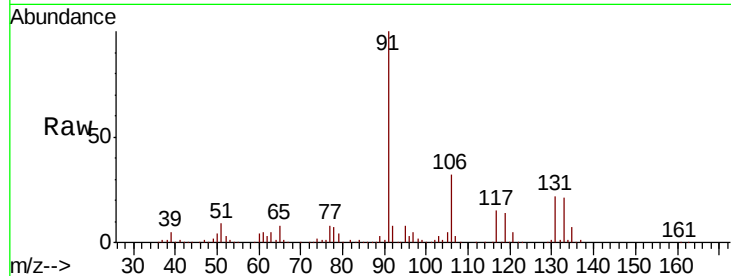




#67
Ethyl Benzene
Concen: 48.428 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

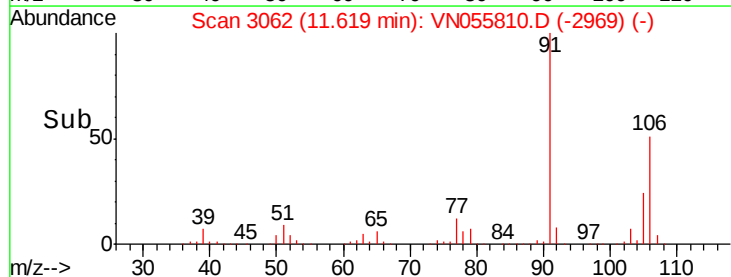
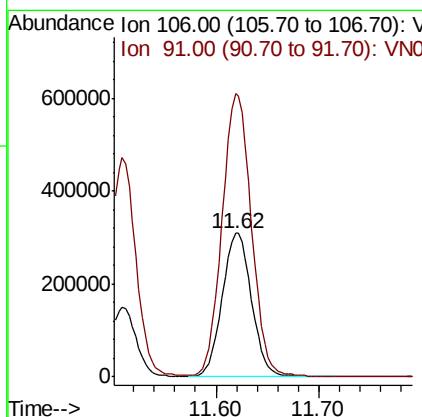
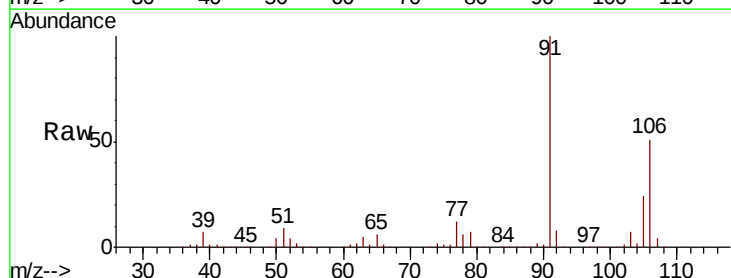
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

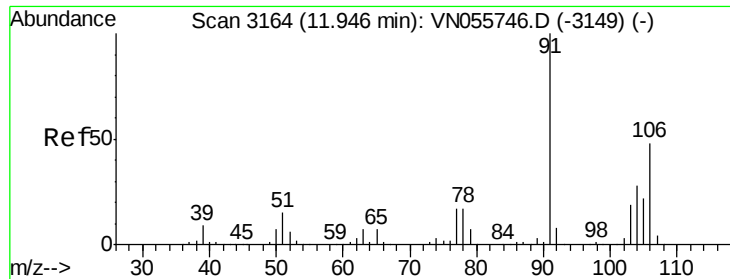
Tot Ion: 91 Resp: 808770
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 97.395 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 106 Resp: 614909
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9

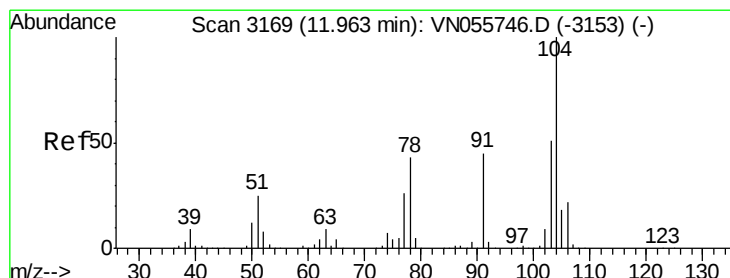
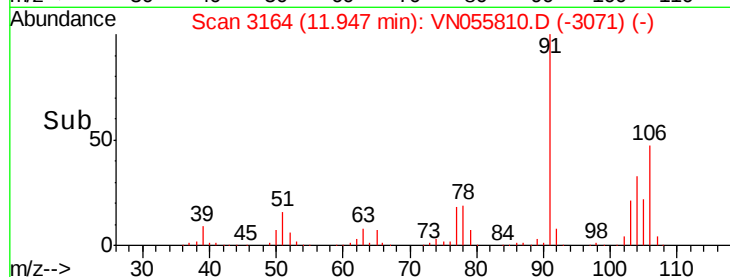
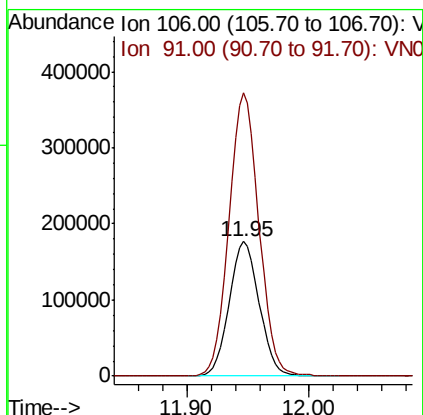
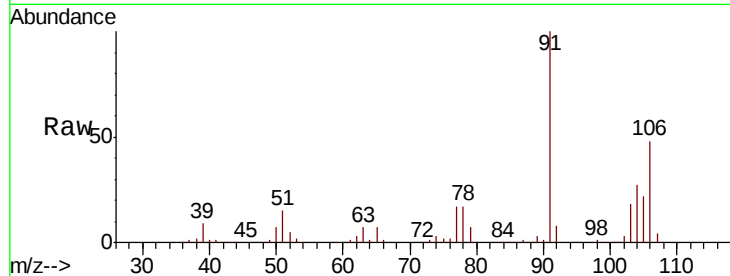




#69
o-Xylene
Concen: 48.468 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

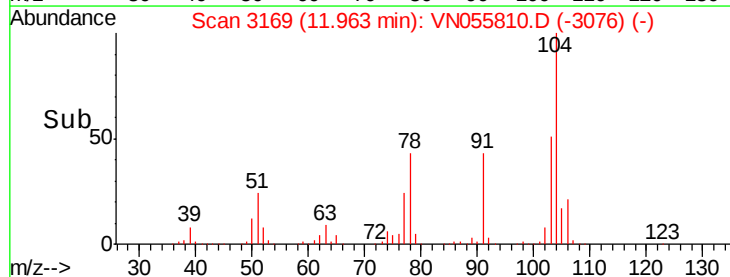
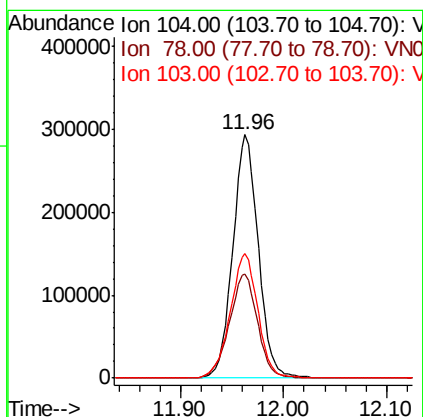
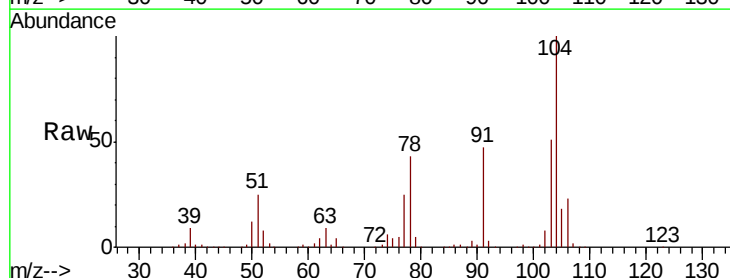
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

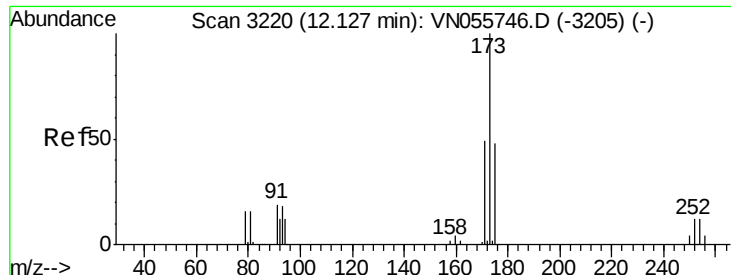
Tot Ion:106 Resp: 303599
Ion Ratio Lower Upper
106 100
91 209.6 104.7 314.1



#70
Styrene
Concen: 49.809 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion:104 Resp: 505255
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.5 44.2 66.2





#71

Bromoform

Concen: 48.777 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

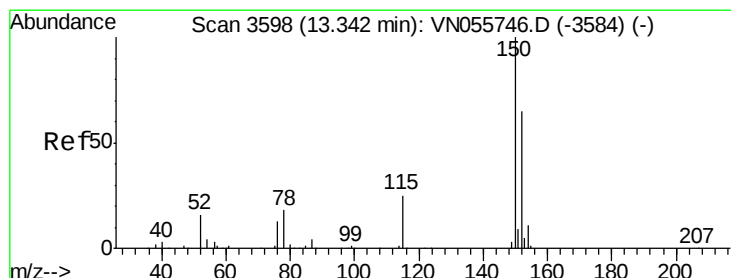
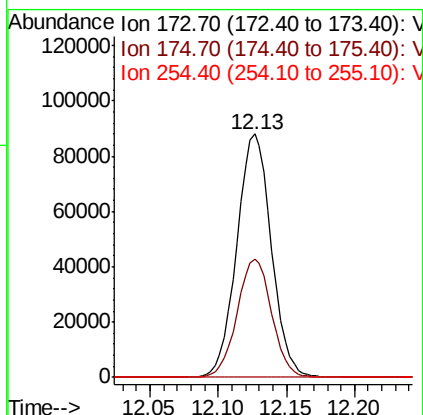
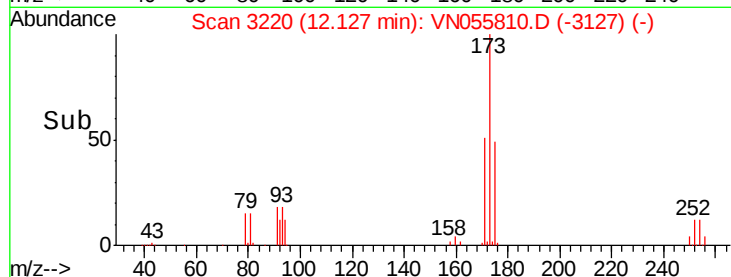
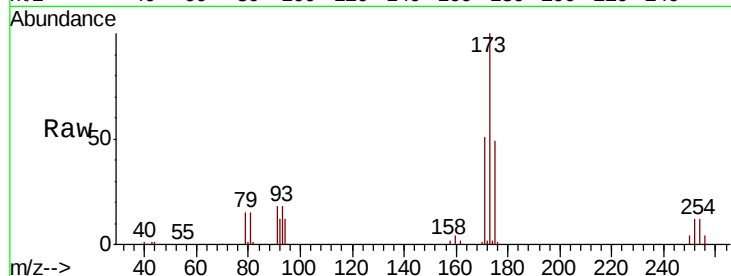
Tot Ion:173 Resp: 154529

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

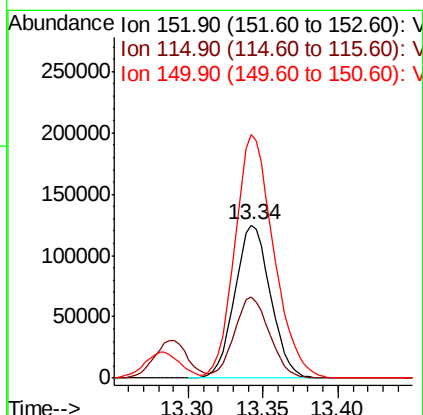
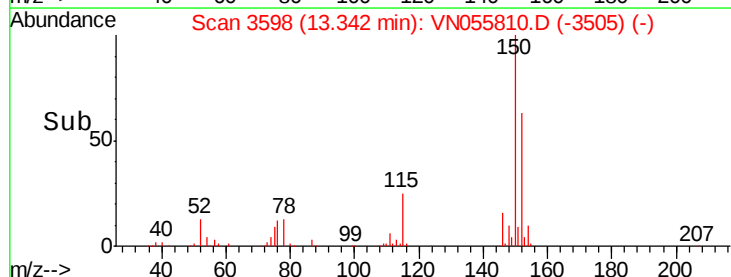
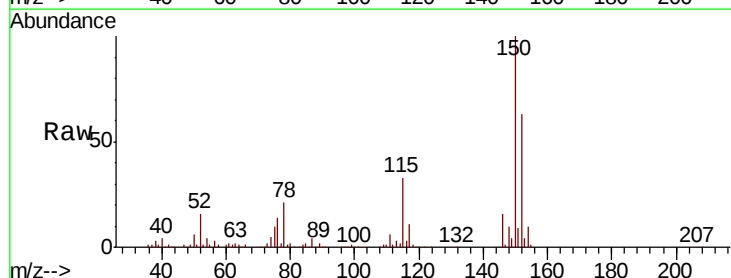
Tgt Ion:152 Resp: 207500

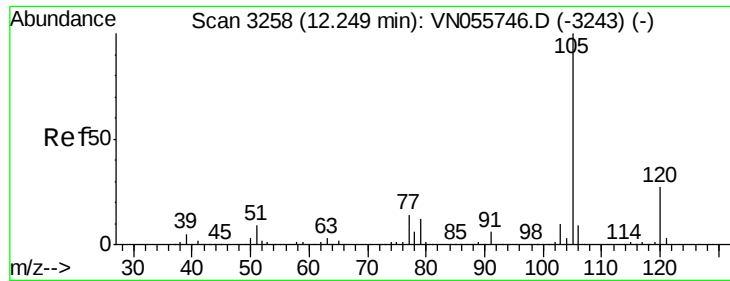
Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

150 172.9 0.0 343.2





#73

Isopropylbenzene

Concen: 54.397 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

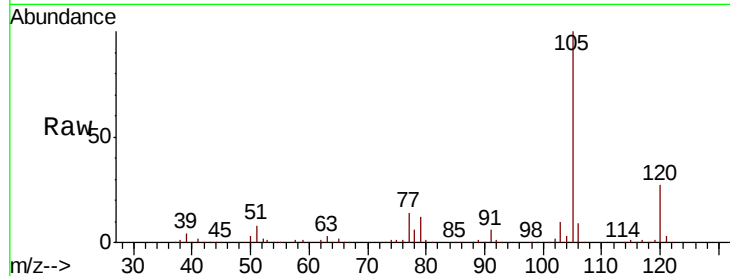
VSTDCCC050

Tot Ion:105 Resp: 799455

Ion Ratio Lower Upper

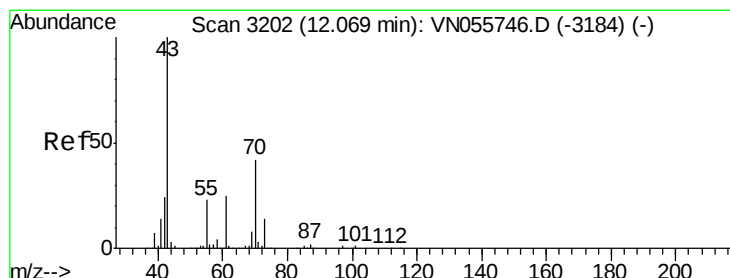
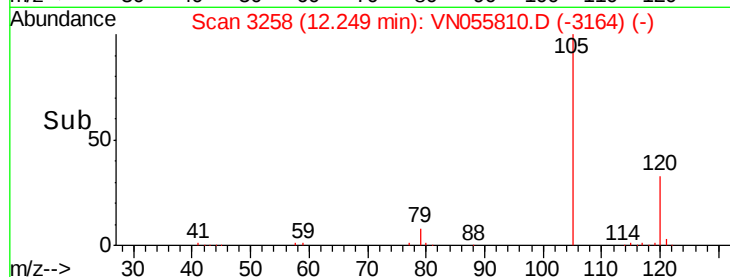
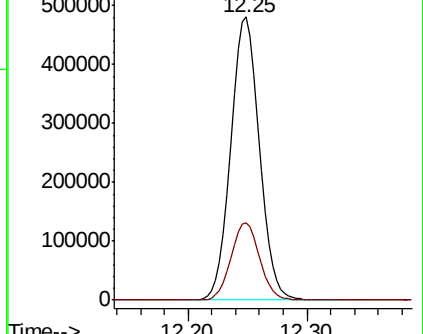
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.627 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Tgt Ion: 43 Resp: 284311

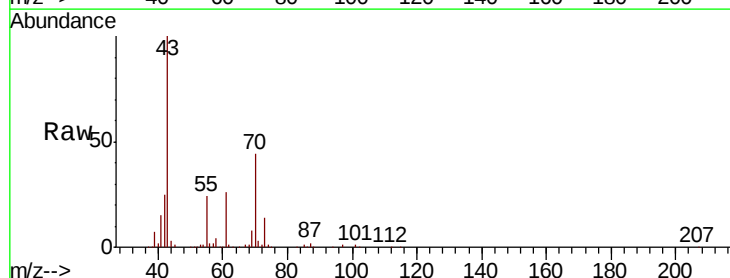
Ion Ratio Lower Upper

43 100

70 43.5 34.0 51.0

55 23.9 18.6 28.0

61 25.4 20.0 30.0

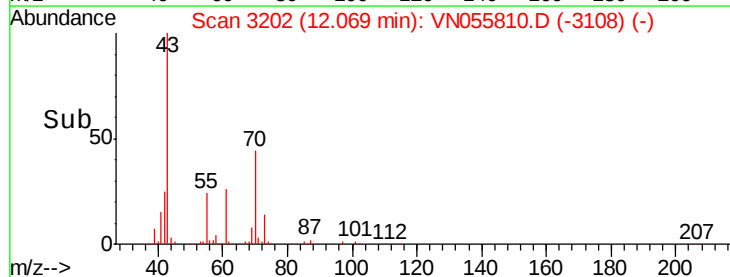
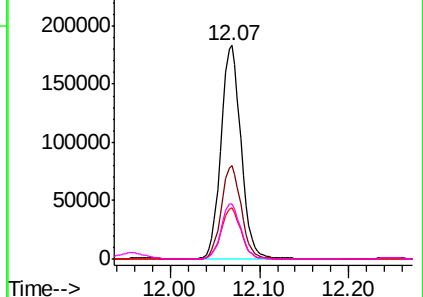


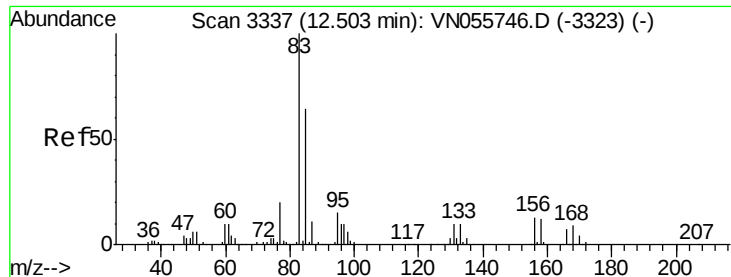
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.144 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

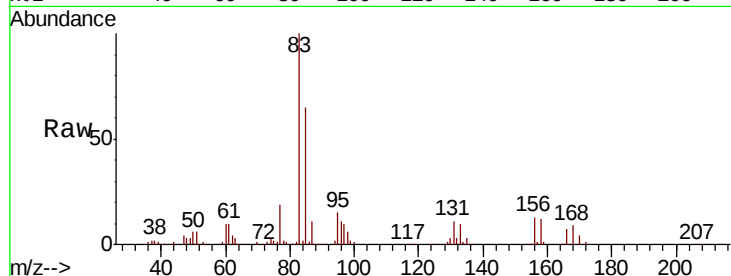
Tot Ion: 83 Resp: 235494

Ion Ratio Lower Upper

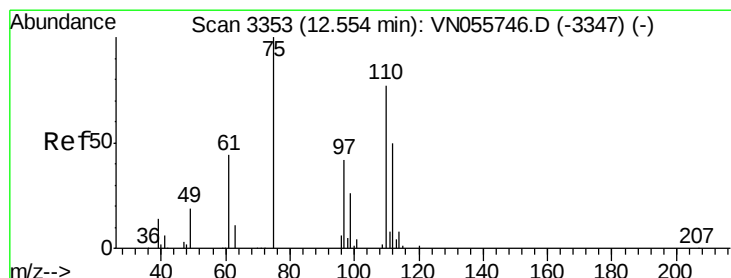
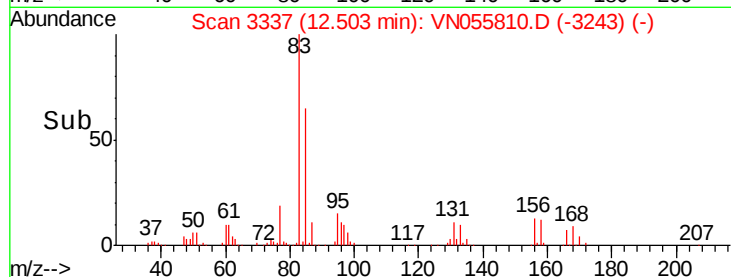
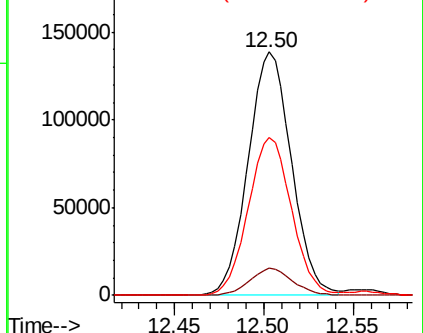
83 100

131 11.1 5.4 16.2

85 64.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 81.572 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055810.D

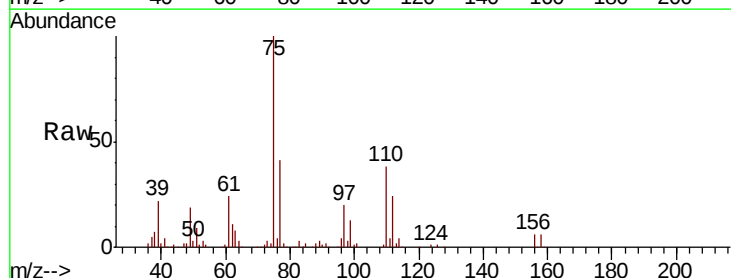
Acq: 24 May 2019 21:33

Tgt Ion: 75 Resp: 284346

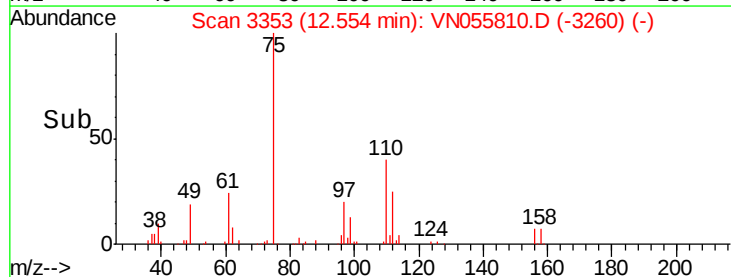
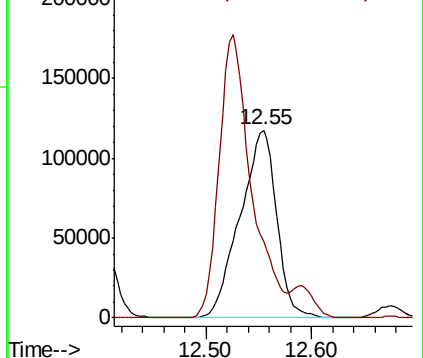
Ion Ratio Lower Upper

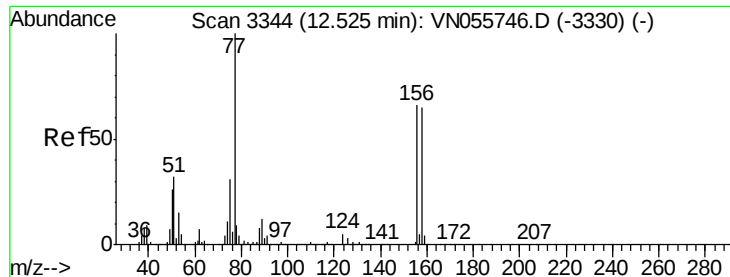
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.373 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

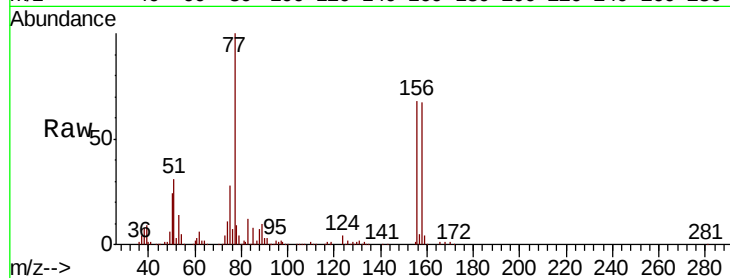
Tot Ion:156 Resp: 214187

Ion Ratio Lower Upper

156 100

77 176.2 90.8 272.5

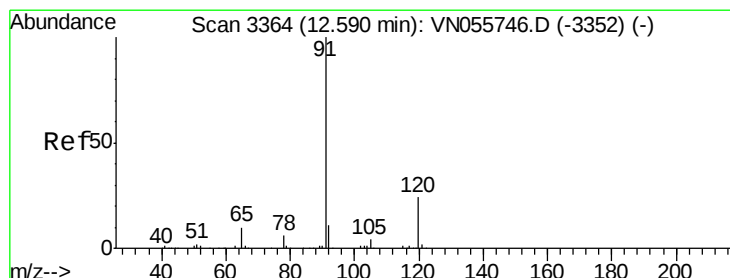
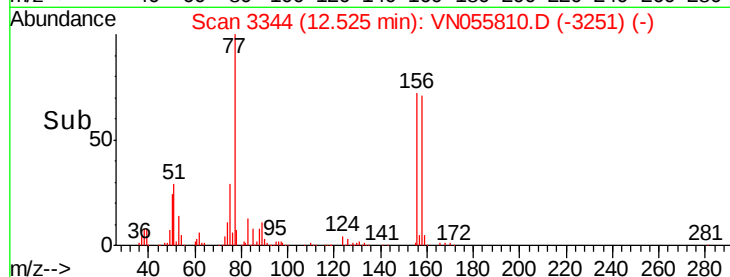
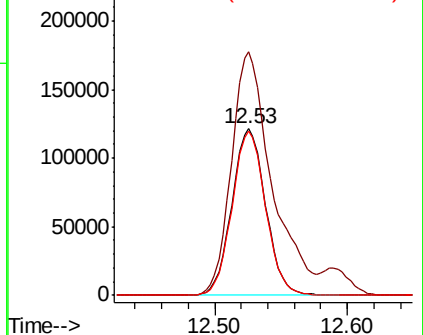
158 97.7 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.882 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055810.D

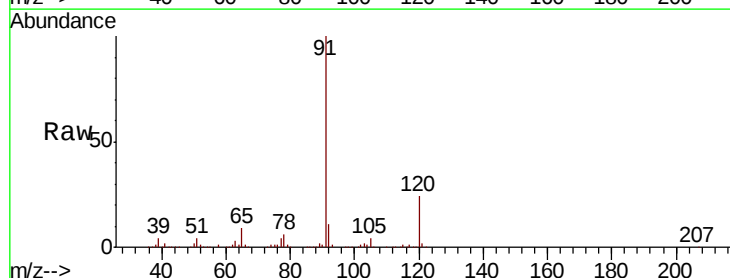
Acq: 24 May 2019 21:33

Tgt Ion: 91 Resp: 845496

Ion Ratio Lower Upper

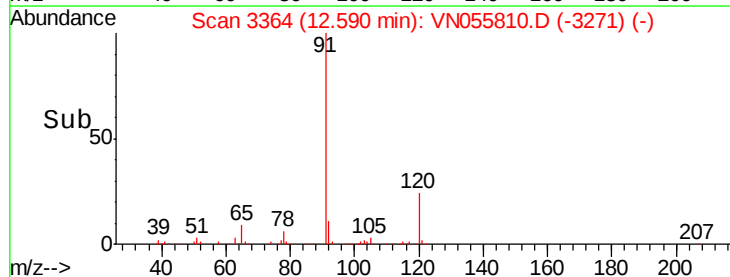
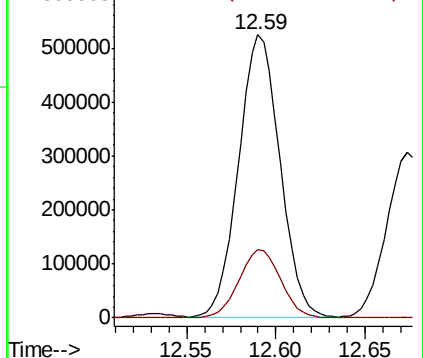
91 100

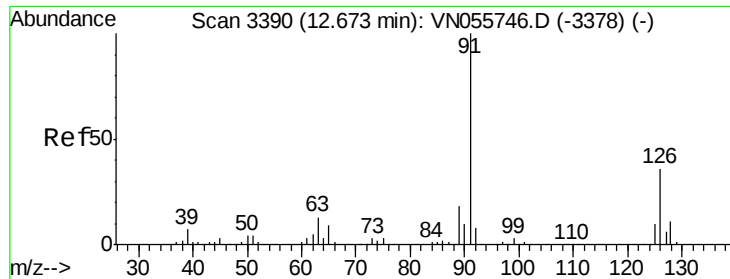
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

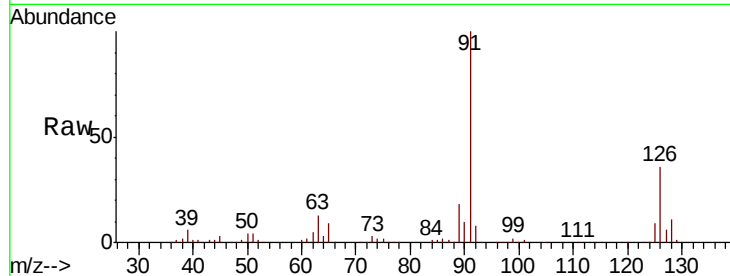




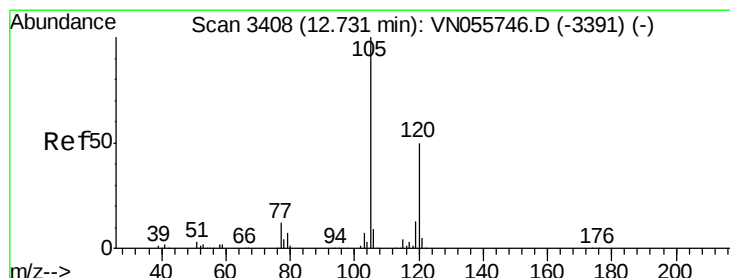
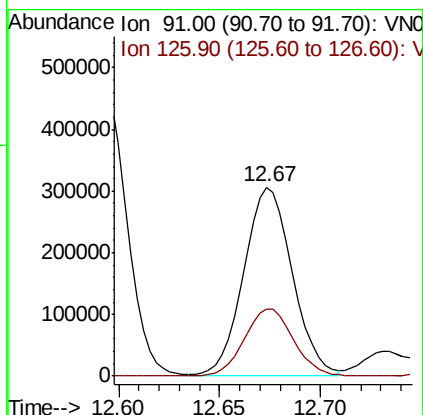
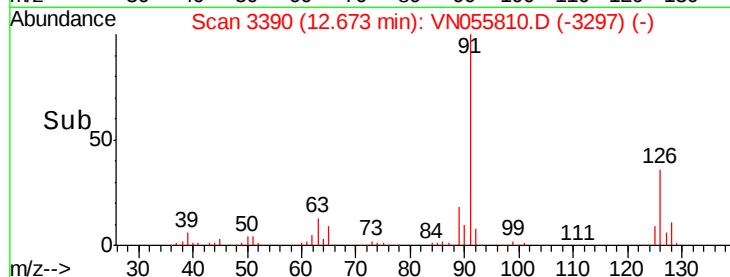
#79
 2-Chlorotoluene
 Concen: 53.041 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 513740
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.1 54.4

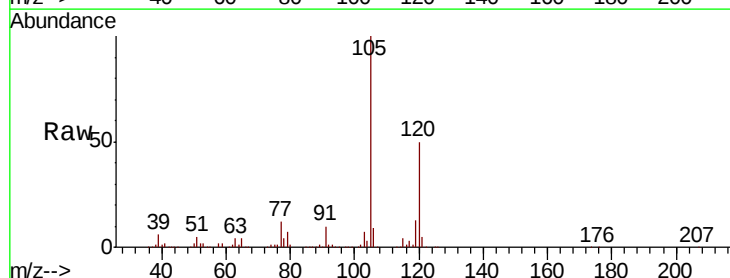


Abundance Ion 91.00 (90.70 to 91.70): VN055810.D (-3297) (-)
 Ion 125.90 (125.60 to 126.60): VN055810.D (-3297) (-)

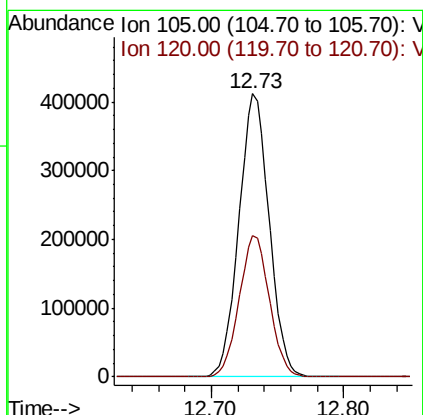
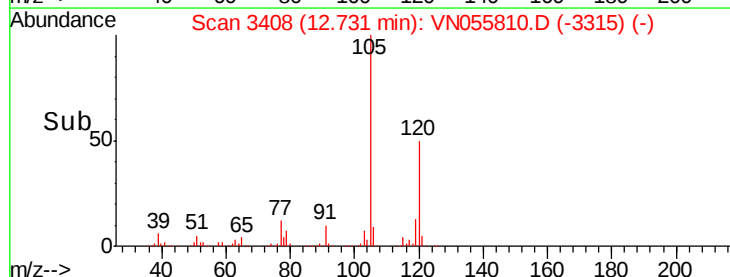


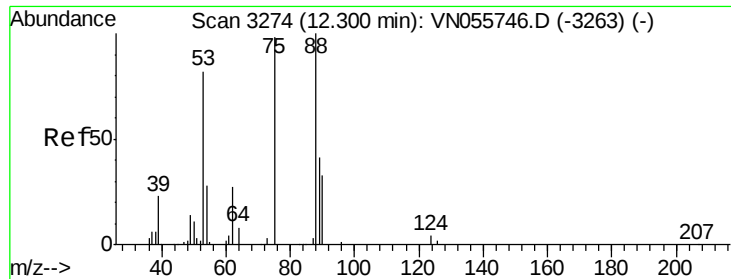
#80
 1,3,5-Trimethylbenzene
 Concen: 52.719 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion: 105 Resp: 653257
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055810.D (-3315) (-)
 Ion 120.00 (119.70 to 120.70): VN055810.D (-3315) (-)

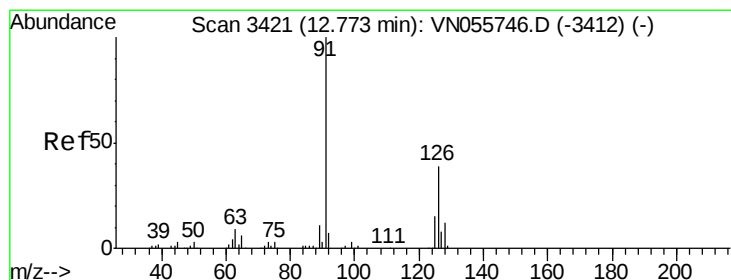
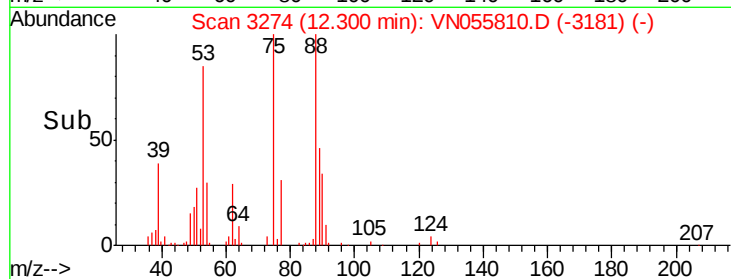
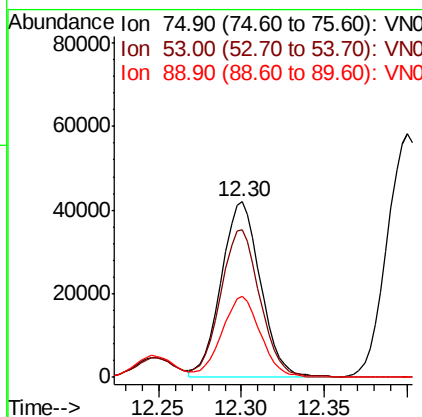
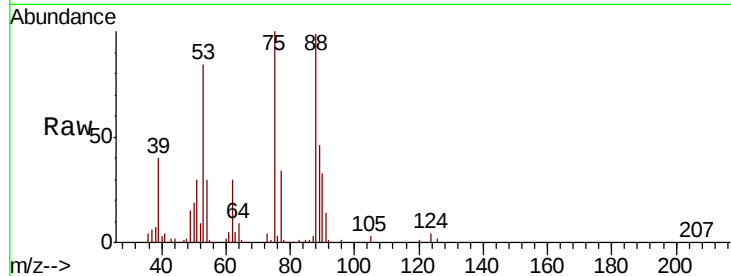




#81
trans-1,4-Dichloro-2-butene
Concen: 45.082 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

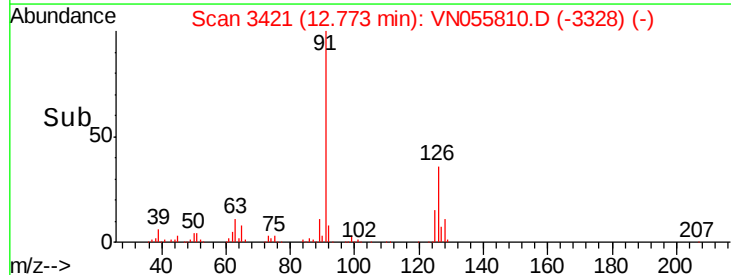
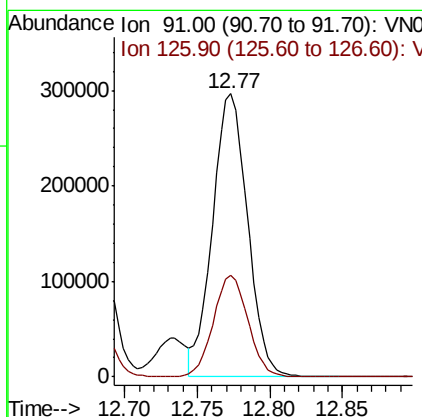
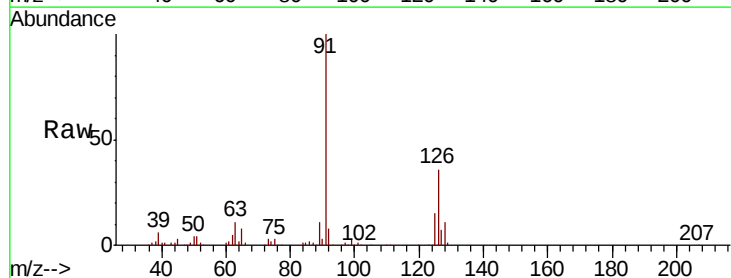
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

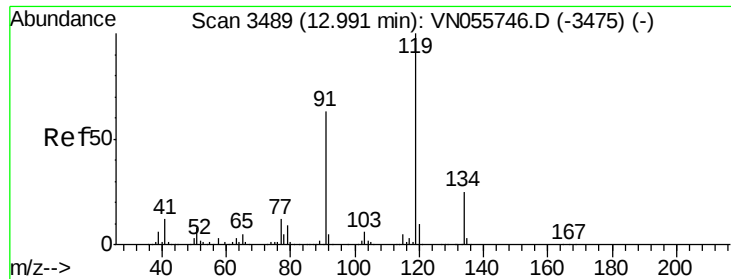
Tot Ion: 75 Resp: 69526
Ion Ratio Lower Upper
75 100
53 84.7 68.1 102.1
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.152 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion: 91 Resp: 499866
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

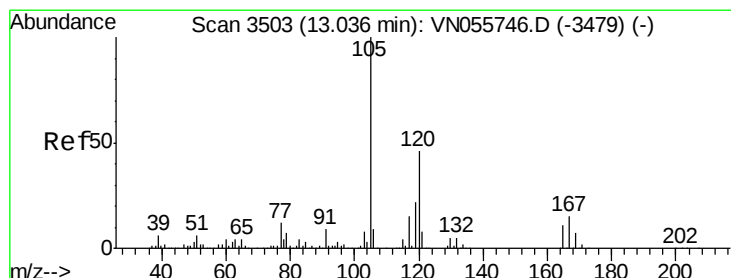
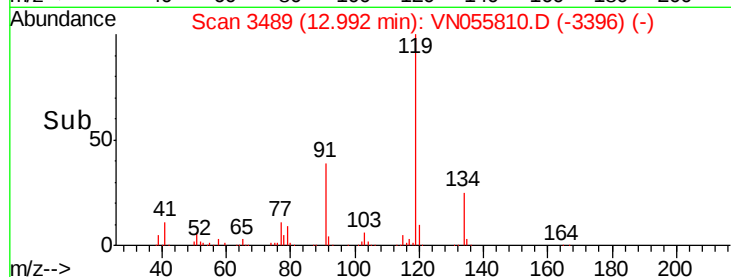
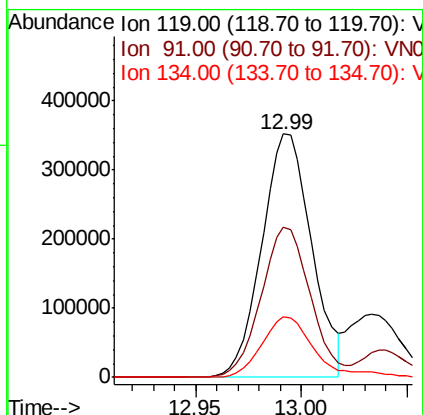
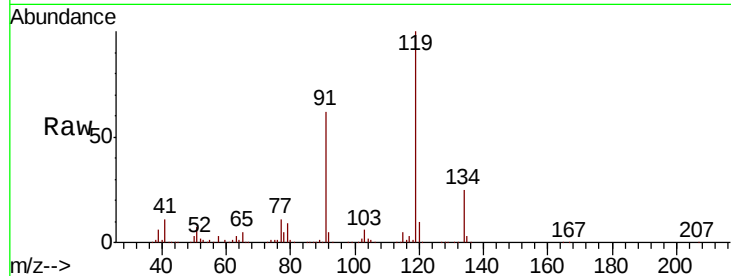




#83
tert-Butylbenzene
Concen: 54.233 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

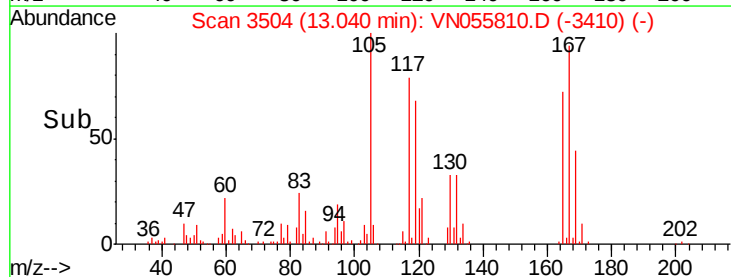
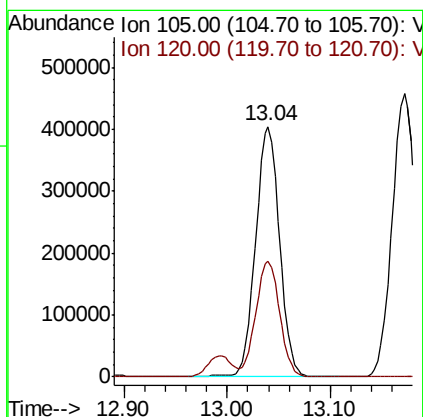
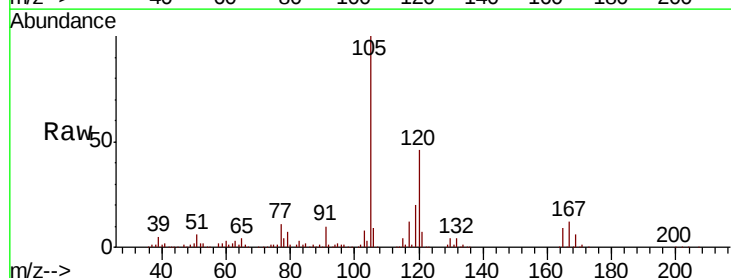
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

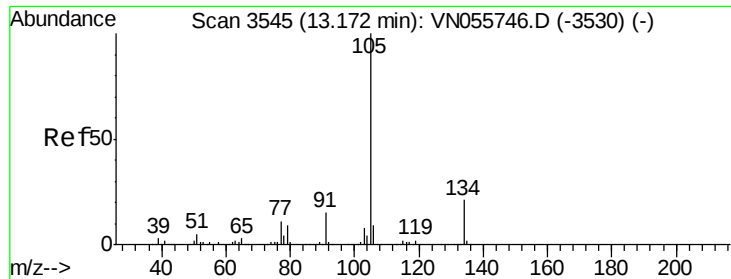
Tot Ion:119 Resp: 579684
Ion Ratio Lower Upper
119 100
91 60.7 30.9 92.8
134 26.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.545 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055810.D
Acq: 24 May 2019 21:33

Tgt Ion:105 Resp: 650274
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.033 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

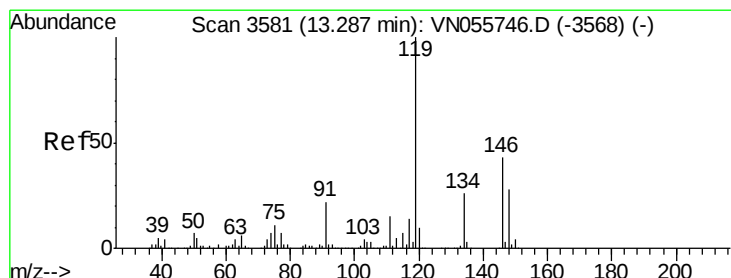
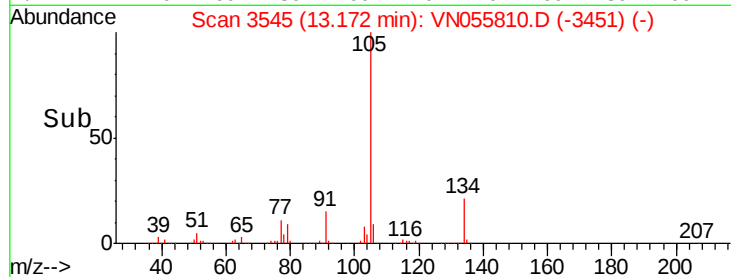
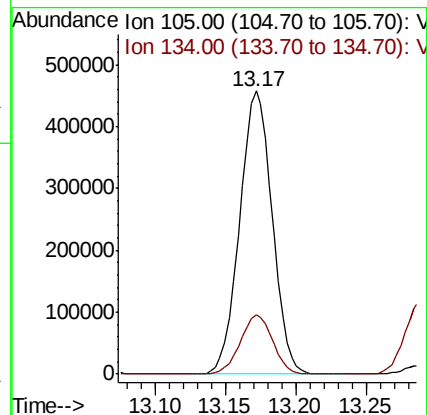
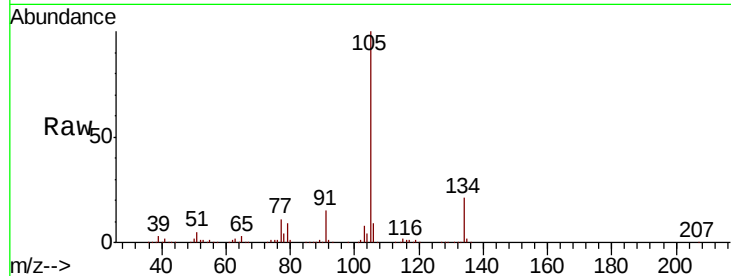
VSTDCCC050

Tot Ion:105 Resp: 738787

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 46.511 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

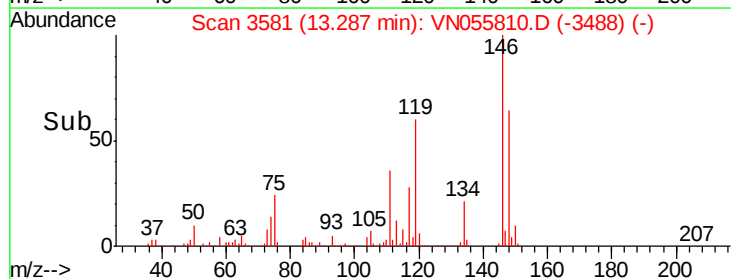
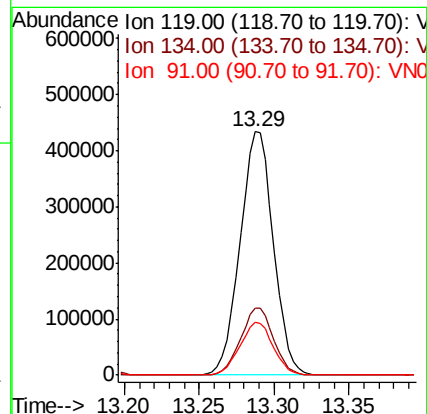
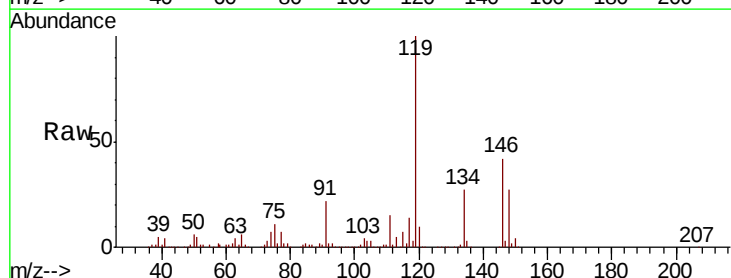
Tgt Ion:119 Resp: 670226

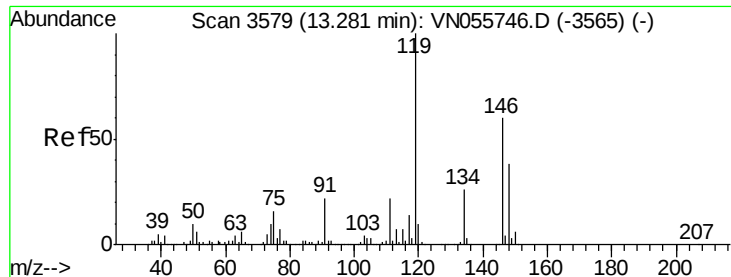
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 48.724 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

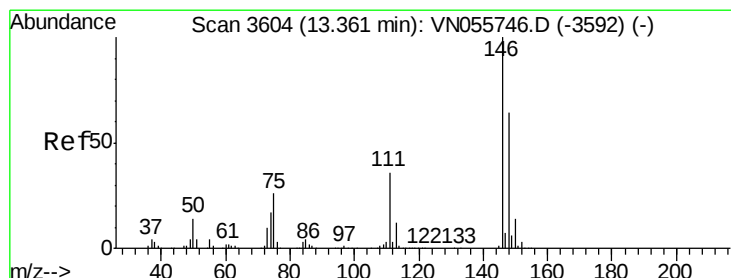
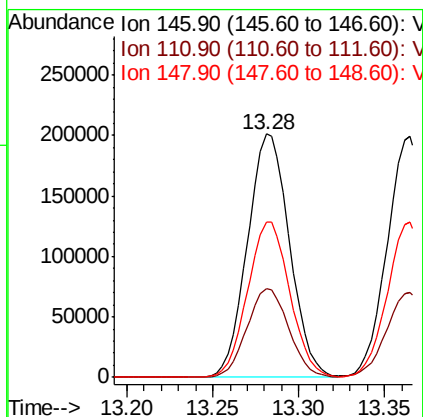
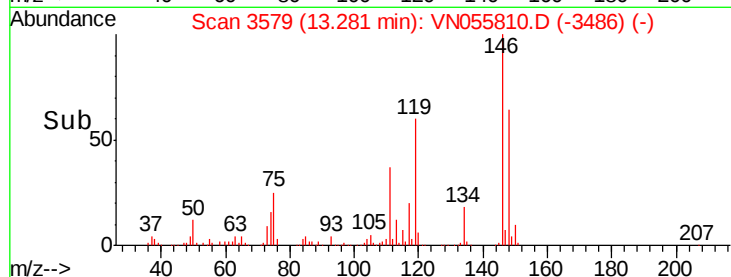
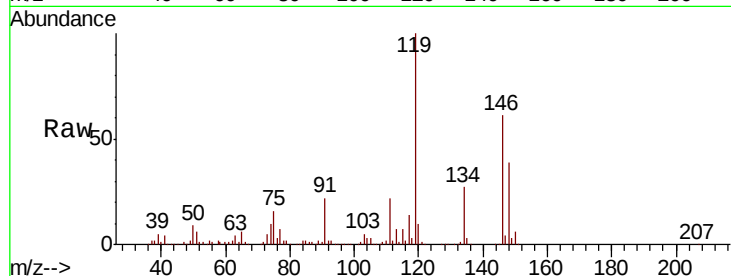
Tot Ion:146 Resp: 341611

Ion Ratio Lower Upper

146 100

111 36.5 18.5 55.5

148 64.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.296 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

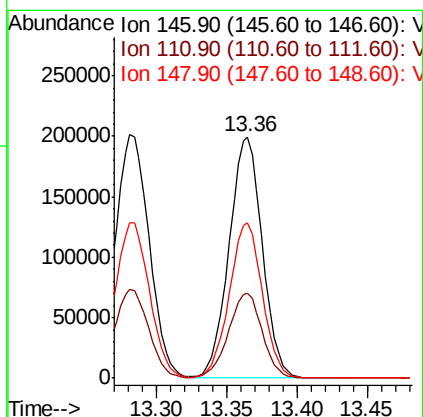
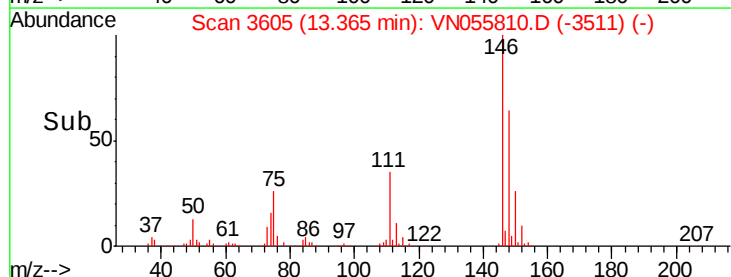
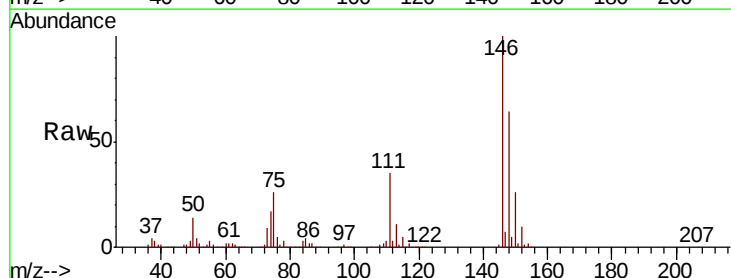
Tgt Ion:146 Resp: 328602

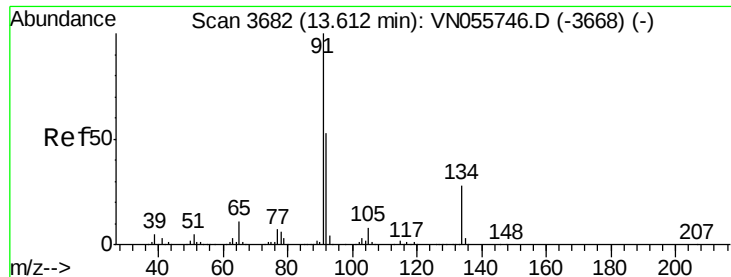
Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.4

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 46.322 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

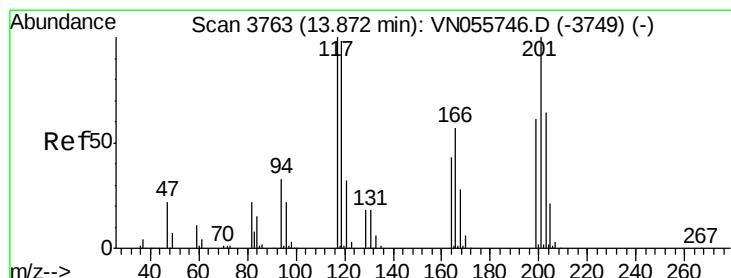
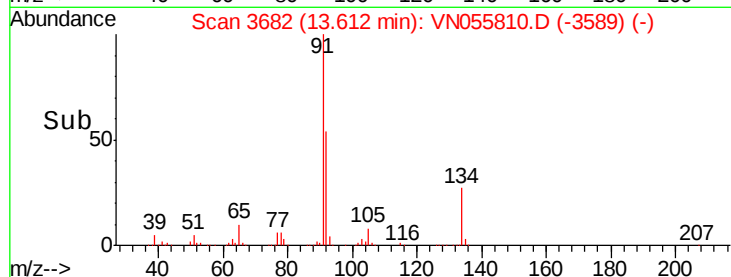
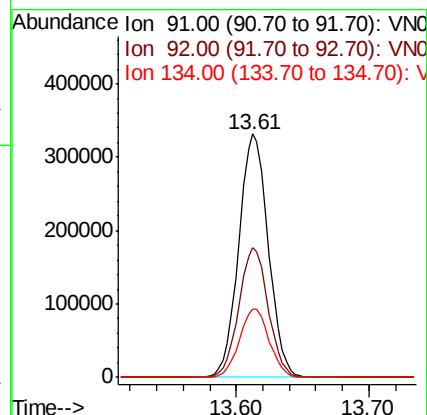
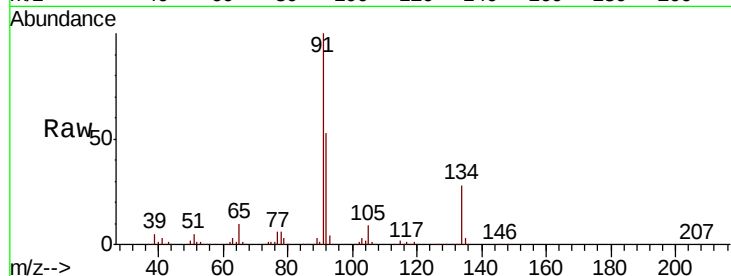
Tot Ion: 91 Resp: 511442

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

134 28.3 13.9 41.7



#90

Hexachloroethane

Concen: 45.200 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055810.D

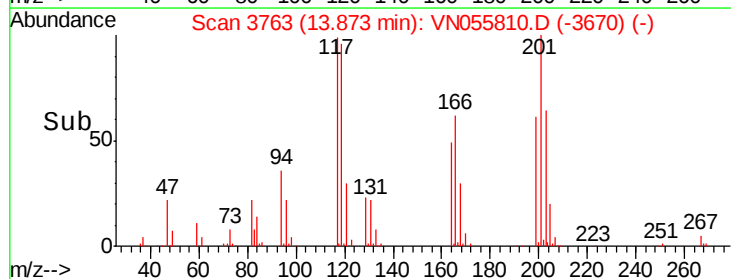
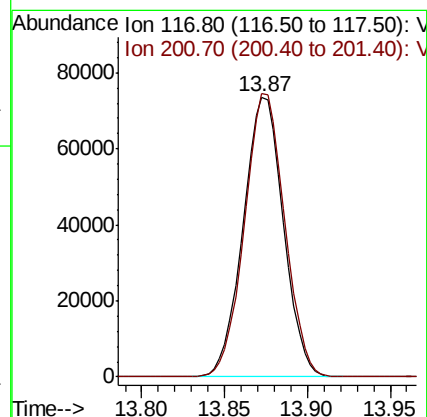
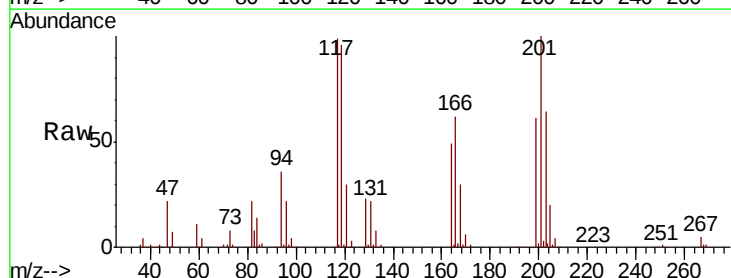
Acq: 24 May 2019 21:33

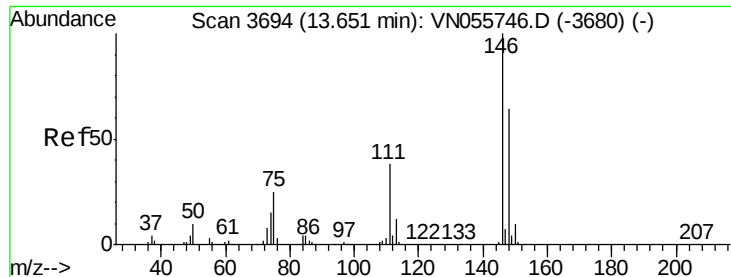
Tgt Ion: 117 Resp: 123975

Ion Ratio Lower Upper

117 100

201 101.0 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.518 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

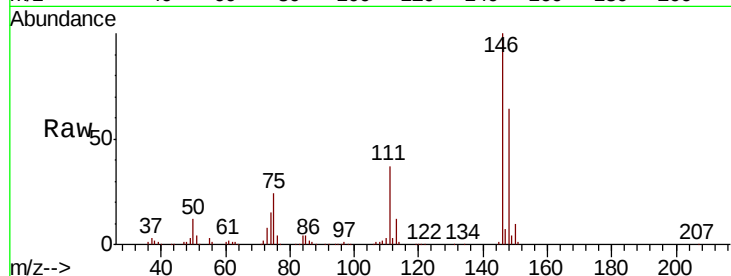
Tot Ion:146 Resp: 339382

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

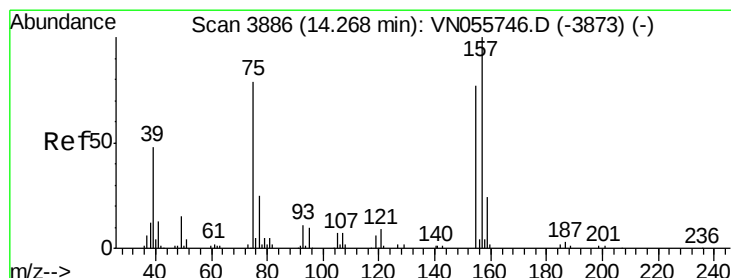
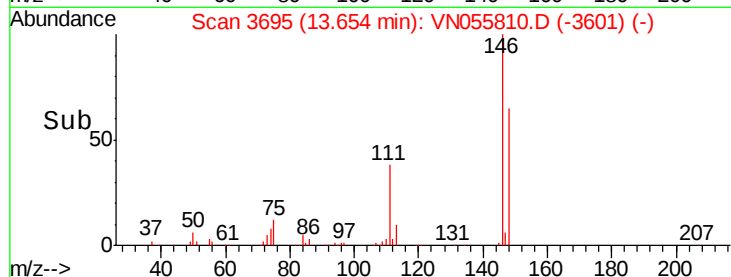
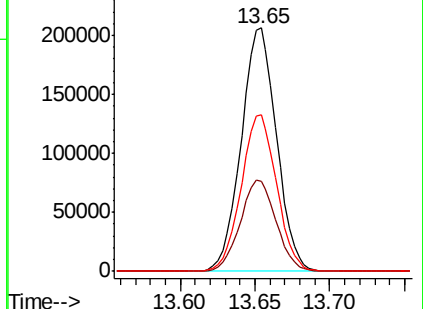
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.140 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

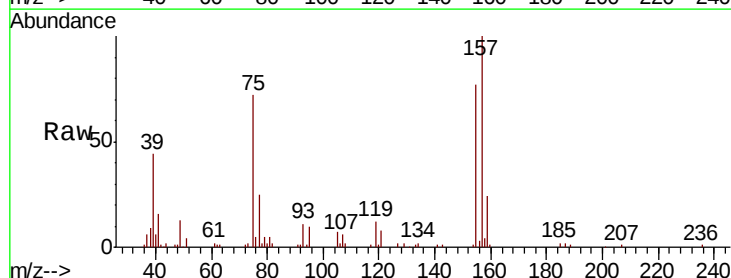
Tgt Ion: 75 Resp: 41502

Ion Ratio Lower Upper

75 100

155 104.9 50.0 150.1

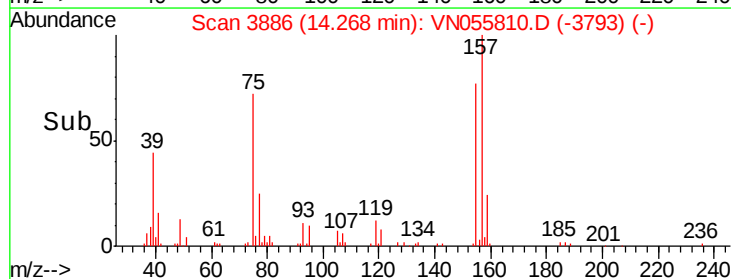
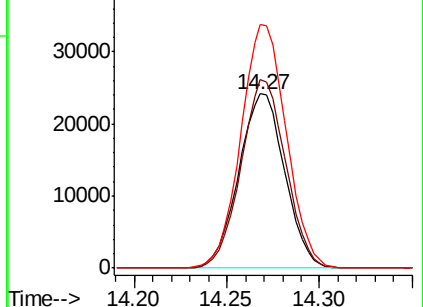
157 138.2 64.8 194.3

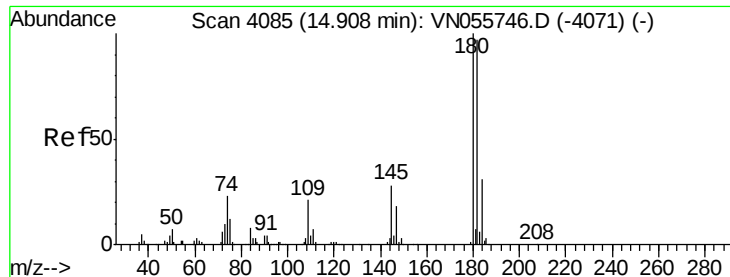


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

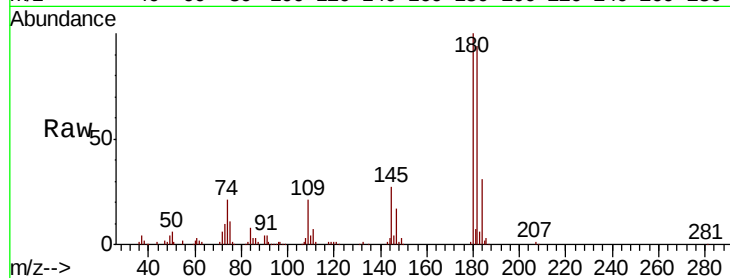




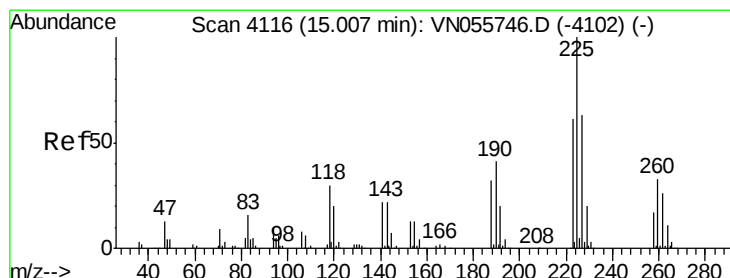
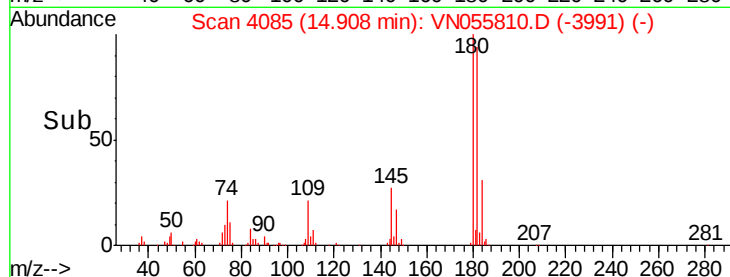
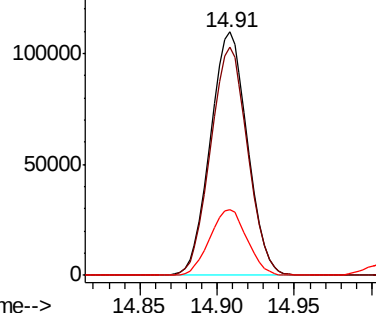
#93
 1,2,4-Trichlorobenzene
 Concen: 45.754 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.3	144.9
145	27.2	14.0	41.9

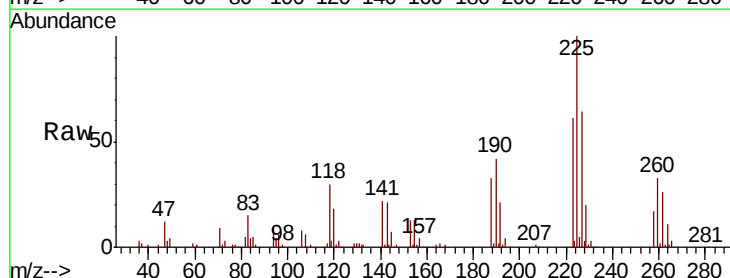


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

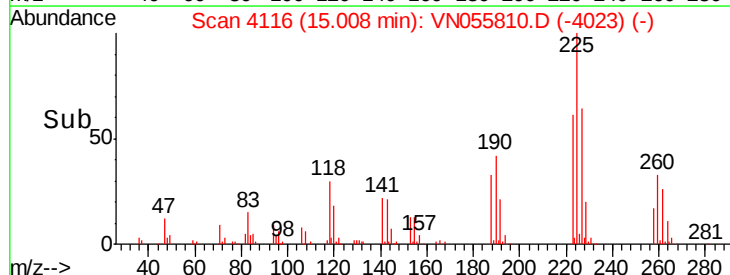
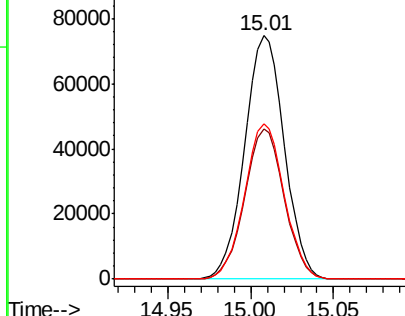


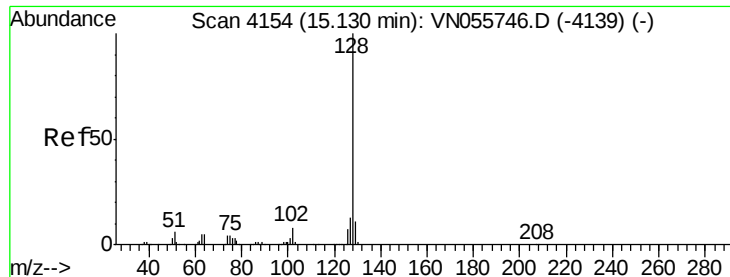
#94
 Hexachlorobutadiene
 Concen: 50.401 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055810.D
 Acq: 24 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.9	92.7
227	63.6	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.276 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

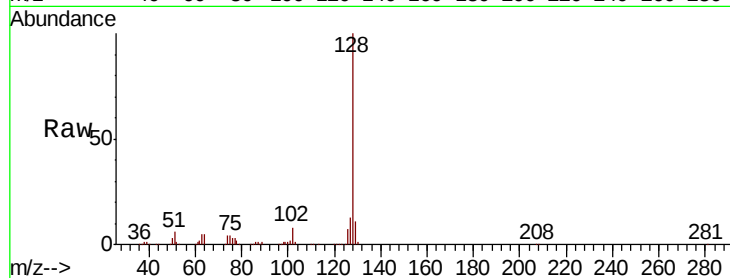
Tot Ion:128 Resp: 492188

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

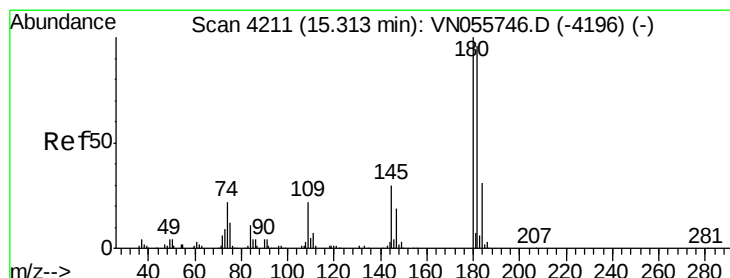
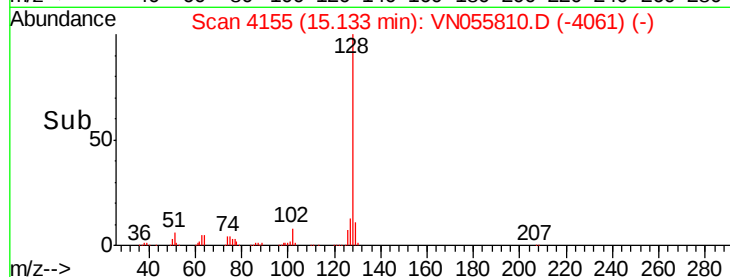
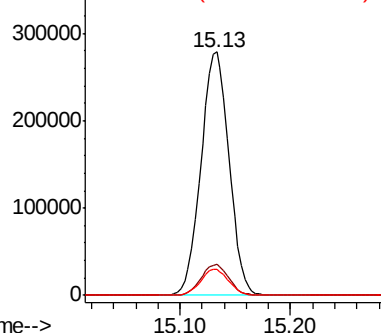
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.212 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055810.D

Acq: 24 May 2019 21:33

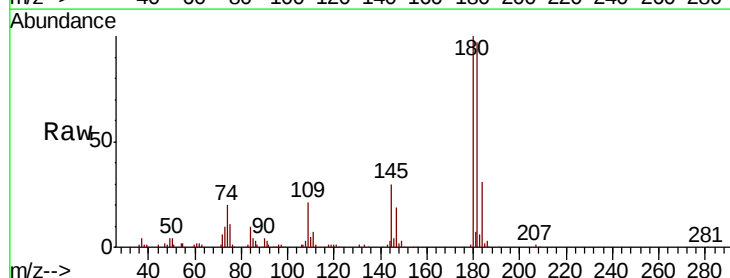
Tgt Ion:180 Resp: 189364

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 30.0 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

