

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052919\
 Data File : VN055865.D
 Acq On : 29 May 2019 9:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 30 06:40:42 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	347398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	174258	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.59	113	155750	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	597813	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	204043	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	101274	43.316	ug/l	100
3) Chloromethane	2.06	50	143486	43.802	ug/l	99
4) Vinyl Chloride	2.18	62	154353	44.177	ug/l	97
5) Bromomethane	2.52	94	126841	58.028	ug/l	99
6) Chloroethane	2.67	64	89712	42.647	ug/l	99
7) Trichlorofluoromethane	3.00	101	209924	45.828	ug/l	100
8) Diethyl Ether	3.40	74	93633	45.607	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	134581	47.066	ug/l	99
10) Methyl Iodide	3.93	142	212752	50.892	ug/l	100
11) Tert butyl alcohol	4.82	59	152039	221.799	ug/l	98
12) 1,1-Dichloroethene	3.72	96	136548	46.217	ug/l	98
13) Acrolein	3.60	56	104593	213.093	ug/l	97
14) Allyl chloride	4.31	41	231779	45.762	ug/l	98
15) Acrylonitrile	4.99	53	376664	239.298	ug/l	99
16) Acetone	3.82	43	390499	247.613	ug/l	99
17) Carbon Disulfide	4.03	76	339507	40.445	ug/l	99
18) Methyl Acetate	4.33	43	162764	50.787	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	465552	47.246	ug/l	99
20) Methylene Chloride	4.54	84	156855	45.926	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	146447	46.138	ug/l	99
22) Diisopropyl ether	5.95	45	464786	47.181	ug/l	99
23) Vinyl Acetate	5.89	43	1998725	236.642	ug/l	99
24) 1,1-Dichloroethane	5.84	63	266534	46.470	ug/l	99
25) 2-Butanone	6.84	43	539731	245.056	ug/l	99
26) 2,2-Dichloropropane	6.82	77	226624	45.654	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	175540	47.403	ug/l	99
28) Bromochloromethane	7.19	49	132234	48.423	ug/l	99
29) Tetrahydrofuran	7.21	42	333309	238.971	ug/l	100
30) Chloroform	7.37	83	271359	47.440	ug/l	98
31) Cyclohexane	7.65	56	244321	45.371	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	236496	46.332	ug/l	99
36) 1,1-Dichloropropene	7.79	75	200638	47.008	ug/l	99
37) Ethyl Acetate	6.93	43	204292	49.523	ug/l	99
38) Carbon Tetrachloride	7.77	117	206494	46.446	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	253295	47.924	ug/l	98
40) Benzene	8.04	78	627980	48.819	ug/l	100
41) Methacrylonitrile	7.17	41	100369	48.160	ug/l	100
42) 1,2-Dichloroethane	8.12	62	201366	47.907	ug/l	100
43) Isopropyl Acetate	8.17	43	330914	47.744	ug/l #	92
44) Trichloroethene	8.83	130	181007	50.475	ug/l	100
45) 1,2-Dichloropropane	9.12	63	164639	49.125	ug/l	99
46) Dibromomethane	9.21	93	109195	49.681	ug/l	98
47) Bromodichloromethane	9.40	83	216103	47.949	ug/l	100
48) Methyl methacrylate	9.20	41	163043	51.041	ug/l	98
49) 1,4-Dioxane	9.20	88	66610	1003.452	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1008113	246.274	ug/l	100
52) Toluene	10.16	92	402464	49.747	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	233970	48.635	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	259405	48.674	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	160989	49.673	ug/l	98
56) Ethyl methacrylate	10.43	69	252530	50.416	ug/l	99
57) 1,3-Dichloropropane	10.71	76	262515	49.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	462650	241.695	ug/l	100
59) 2-Hexanone	10.75	43	715111	246.256	ug/l	99
60) Dibromochloromethane	10.90	129	184500	48.867	ug/l	100
61) 1,2-Dibromoethane	11.00	107	168801	50.213	ug/l	99
64) Tetrachloroethene	10.63	164	177760	48.192	ug/l	99
65) Chlorobenzene	11.43	112	435089	49.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	167487	47.966	ug/l	99
67) Ethyl Benzene	11.51	91	761843	48.525	ug/l	98
68) m/p-Xylenes	11.62	106	588020	99.070	ug/l	99
69) o-Xylene	11.95	106	286701	48.687	ug/l	100
70) Styrene	11.96	104	477334	50.055	ug/l	99
71) Bromoform	12.13	173	137626	46.209	ug/l #	99
73) Isopropylbenzene	12.25	105	759558	53.267	ug/l	100
74) N-amyl acetate	12.07	43	271063	49.761	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	220081	52.079	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	267557	79.093	ug/l #	100
77) Bromobenzene	12.53	156	202567	47.200	ug/l	97
78) n-propylbenzene	12.59	91	818615	46.832	ug/l	99
79) 2-Chlorotoluene	12.67	91	494643	52.672	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	630780	52.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	65825	44.037	ug/l	96
82) 4-Chlorotoluene	12.77	91	484535	47.157	ug/l	100
83) tert-Butylbenzene	12.99	119	551969	53.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	623347	51.940	ug/l	99
85) sec-Butylbenzene	13.17	105	716089	53.035	ug/l	100
86) p-Isopropyltoluene	13.29	119	654065	46.830	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	330112	48.578	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	319547	49.459	ug/l	99
89) n-Butylbenzene	13.61	91	511985	47.843	ug/l	100
90) Hexachloroethane	13.87	117	114463	43.057	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	329795	48.643	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39813	44.677	ug/l	96

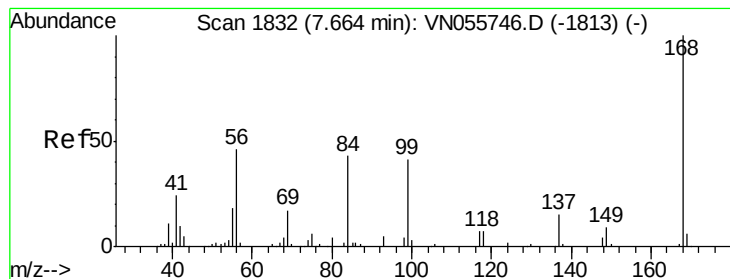
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	183925	47.358	ug/l	99
94) Hexachlorobutadiene	15.01	225	123276	51.729	ug/l	99
95) Naphthalene	15.13	128	490829	52.758	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	193779	54.069	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

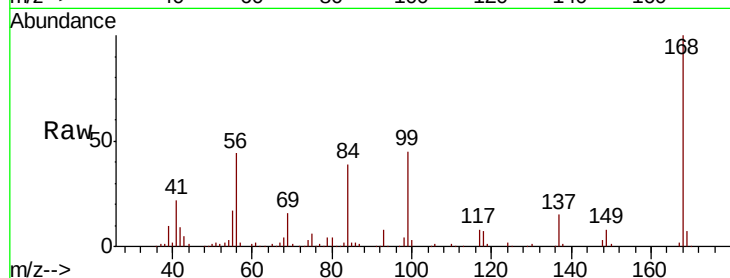
VSTDCCC050

Tot Ion:168 Resp: 347398

Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

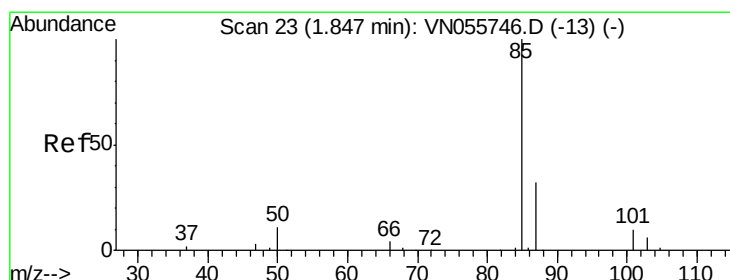
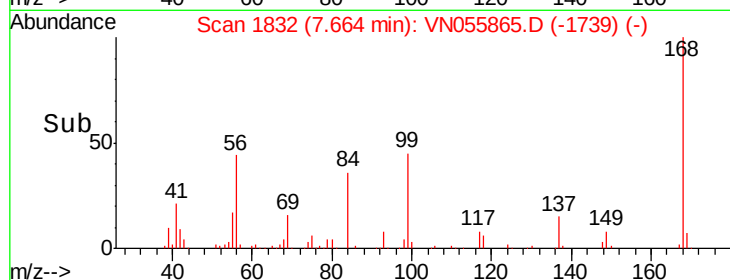
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.316 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055865.D

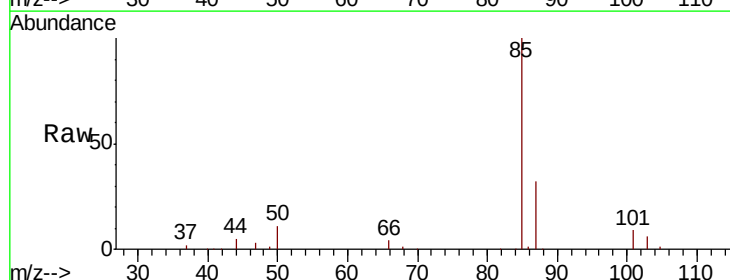
Acq: 29 May 2019 9:49

Tgt Ion: 85 Resp: 101274

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

60000

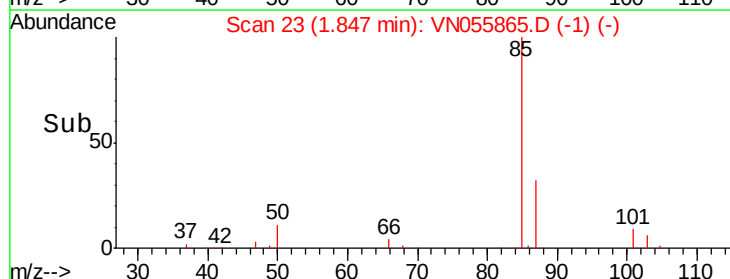
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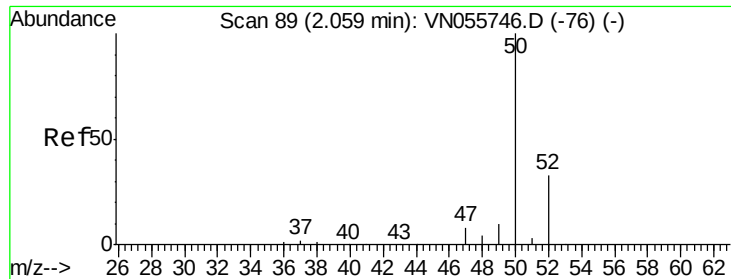
20000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 43.802 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

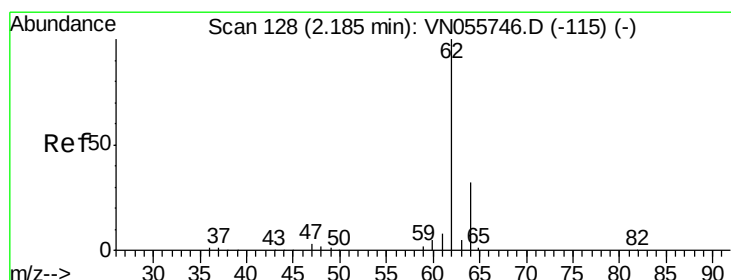
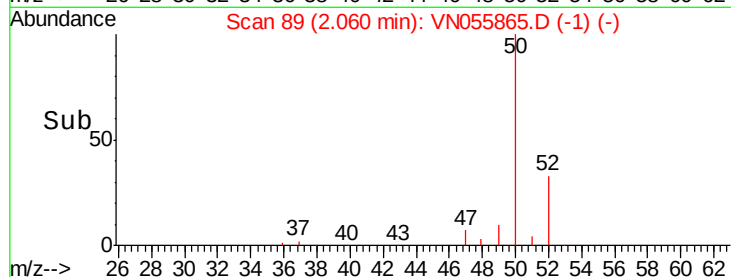
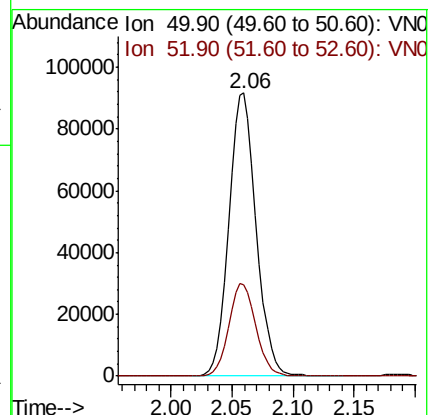
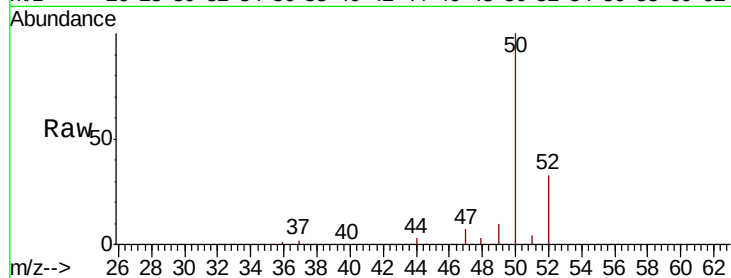
VSTDCCC050

Tot Ion: 50 Resp: 143486

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 44.177 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055865.D

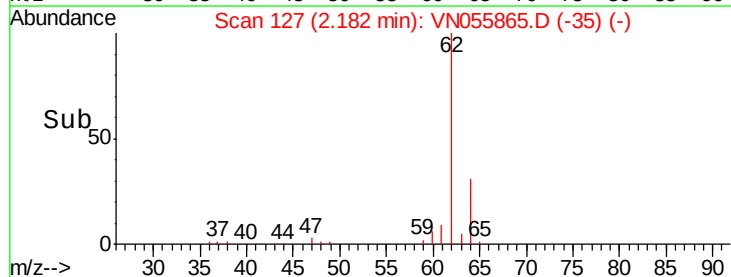
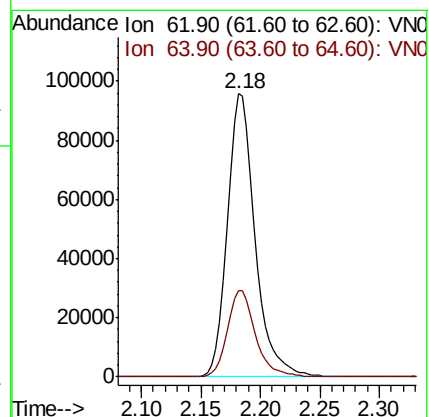
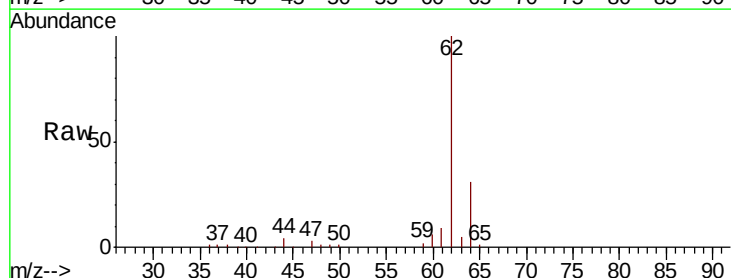
Acq: 29 May 2019 9:49

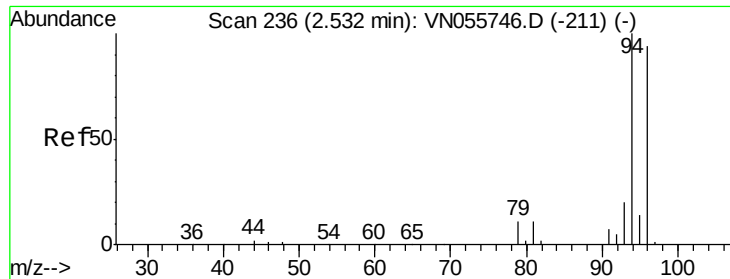
Tgt Ion: 62 Resp: 154353

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4

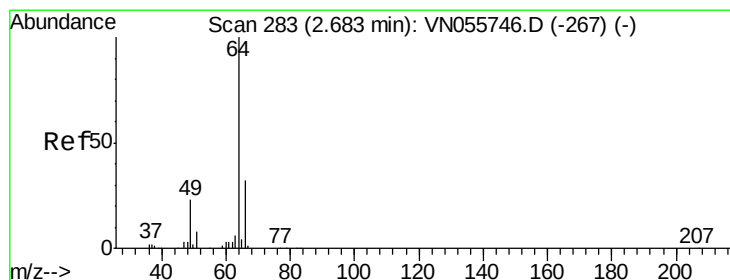
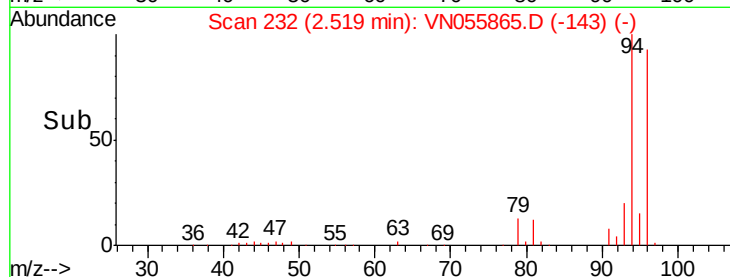
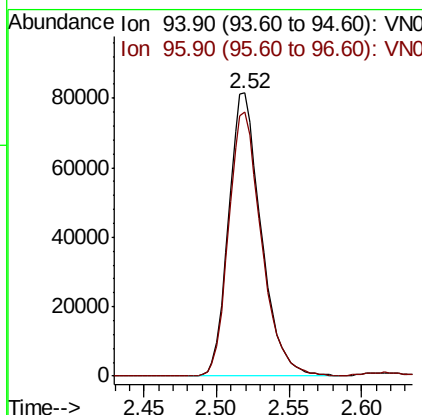
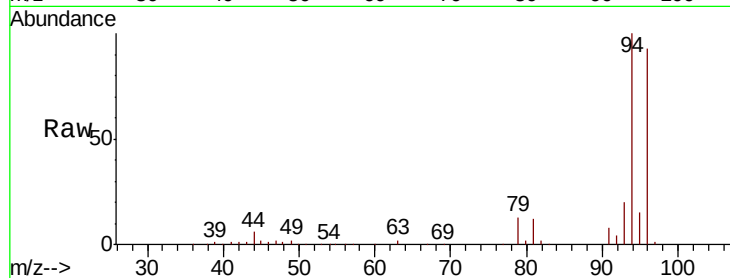




#5
Bromomethane
Concen: 58.028 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.01 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

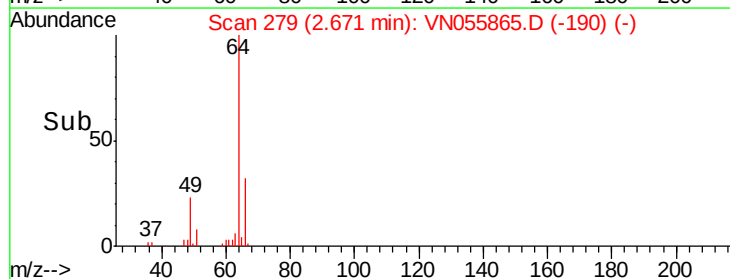
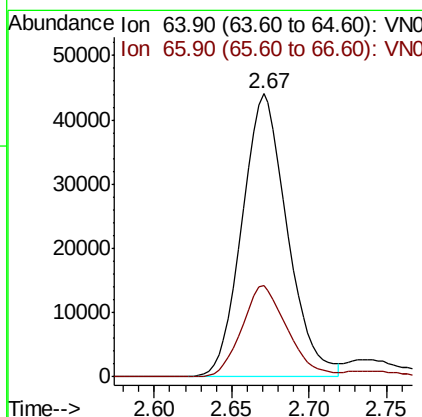
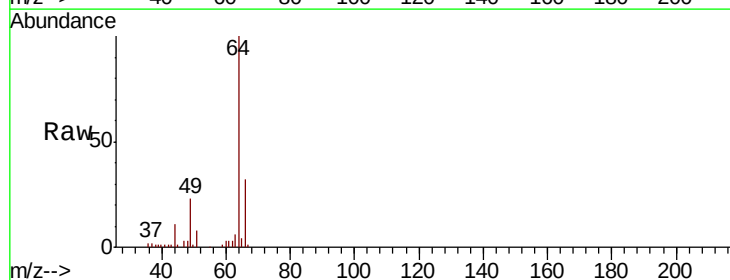
Instrument :
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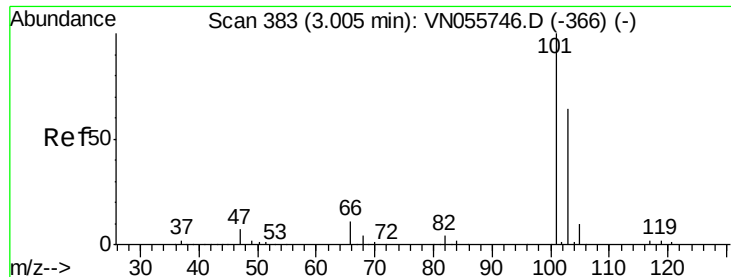
Tot Ion: 94 Resp: 126841
Ion Ratio Lower Upper
94 100
96 93.5 75.5 113.3



#6
Chloroethane
Concen: 42.647 ug/l
RT: 2.67 min Scan# 279
Delta R.T. -0.01 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 64 Resp: 89712
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0



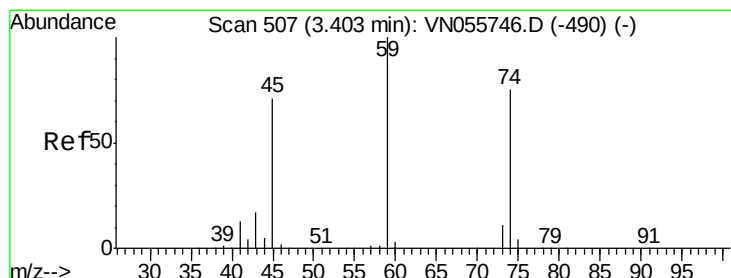
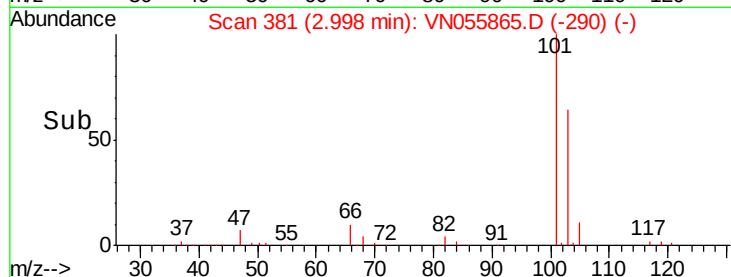
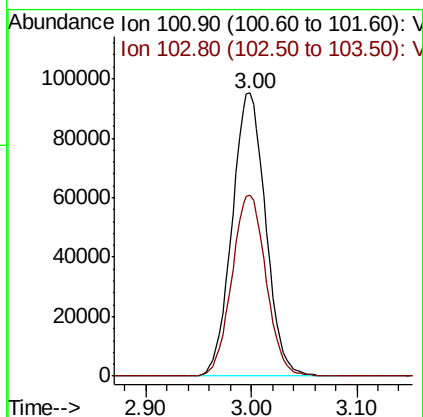
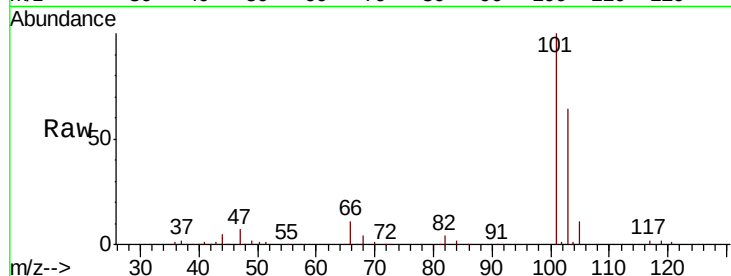


#7

Trichlorofluoromethane
 Concen: 45.828 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VN055865.D
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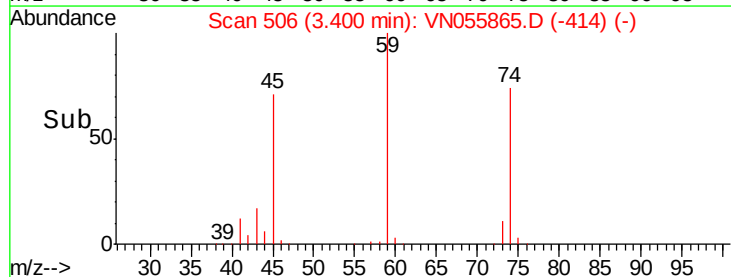
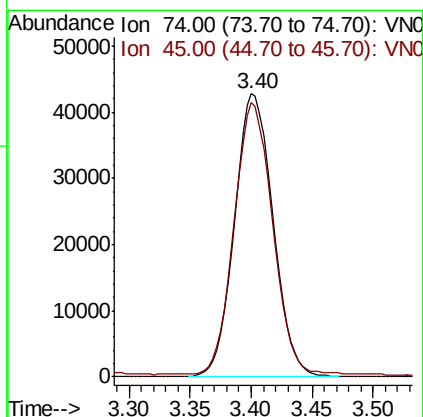
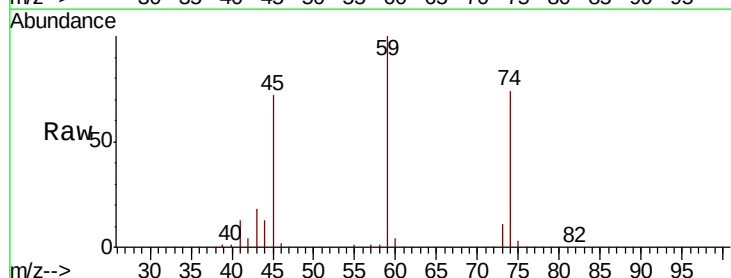
Tot Ion:101 Resp: 209924
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.2 76.8

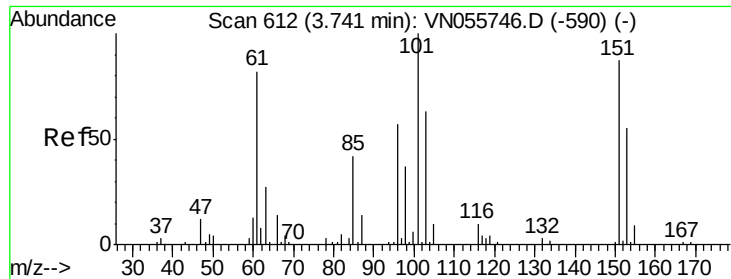


#8

Diethyl Ether
 Concen: 45.607 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 74 Resp: 93633
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.066 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

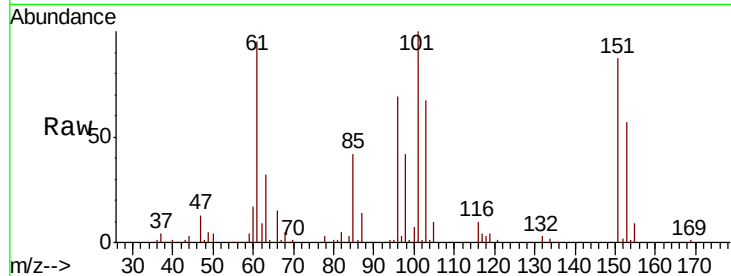
Tot Ion:101 Resp: 134581

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.2

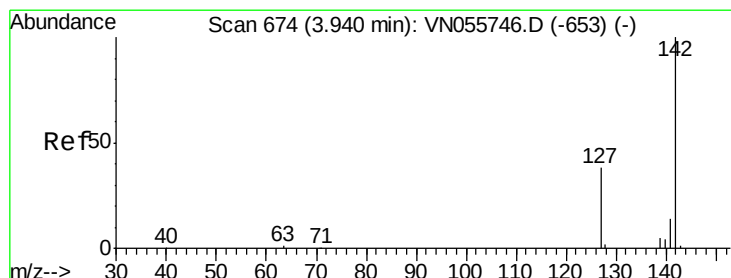
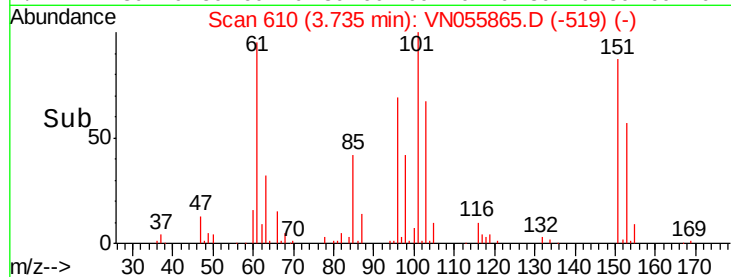
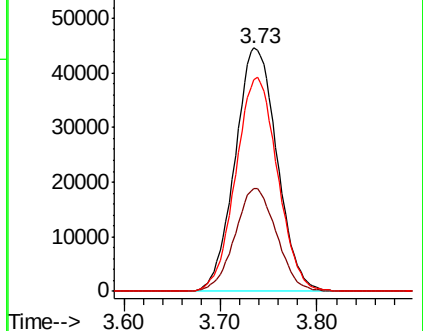
151 87.5 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.892 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

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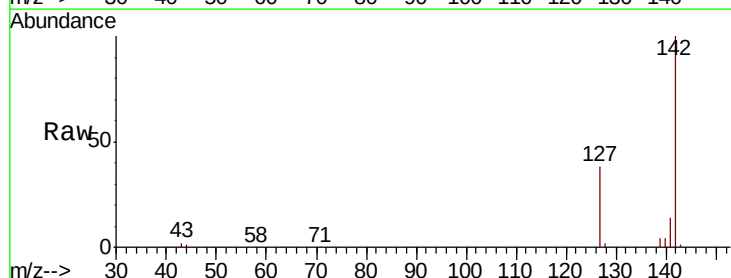
Tgt Ion:142 Resp: 212752

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.4

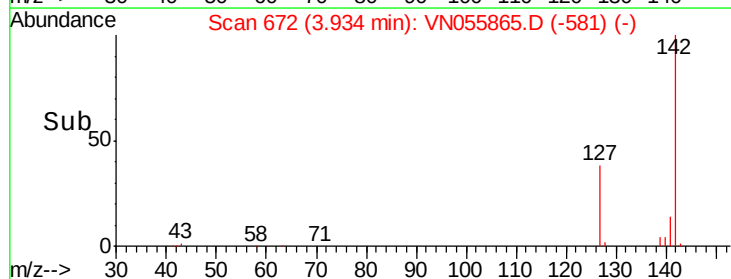
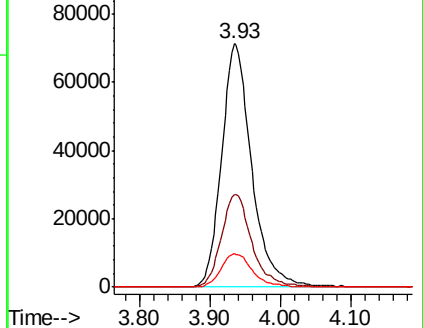
141 14.3 11.4 17.0

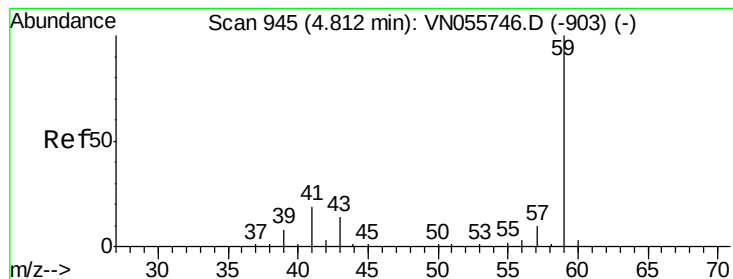


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



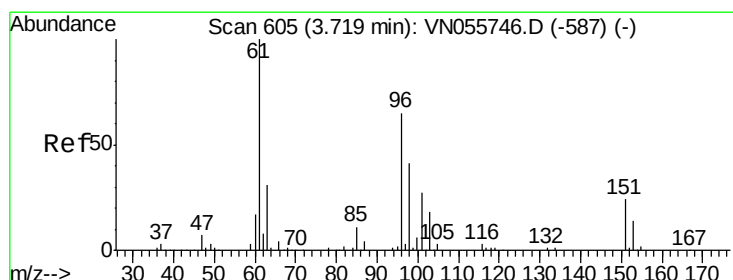
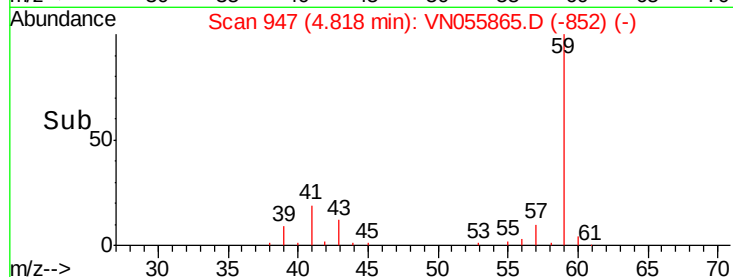
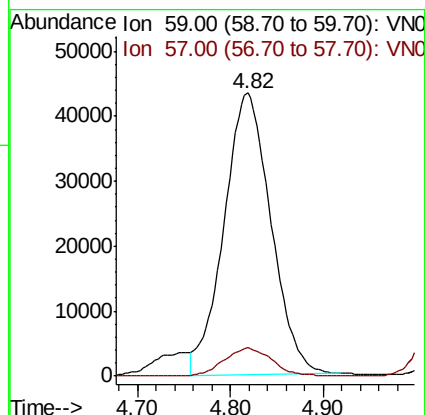
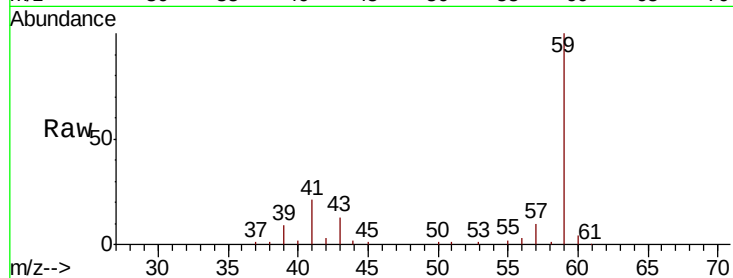


#11

Tert butyl alcohol
 Concen: 221.799 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

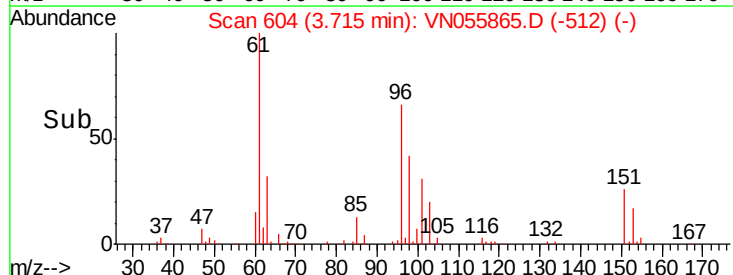
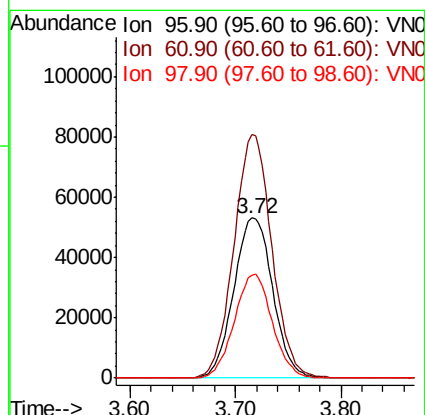
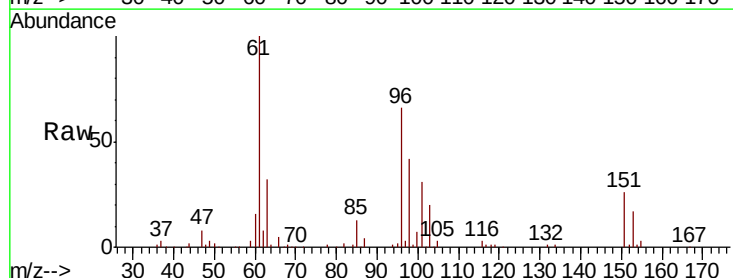
Tot Ion: 59 Resp: 152039
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

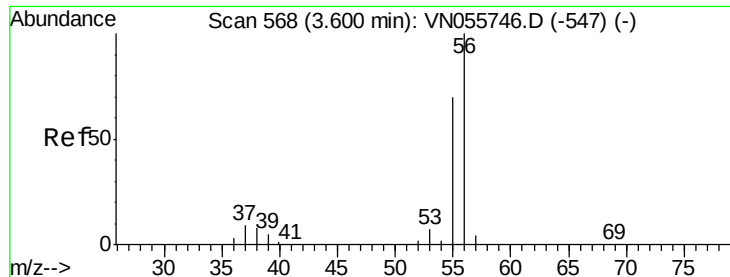


#12

1,1-Dichloroethene
 Concen: 46.217 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 96 Resp: 136548
 Ion Ratio Lower Upper
 96 100
 61 152.0 123.2 184.8
 98 64.5 50.4 75.6





#13

Acrolein

Concen: 213.093 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

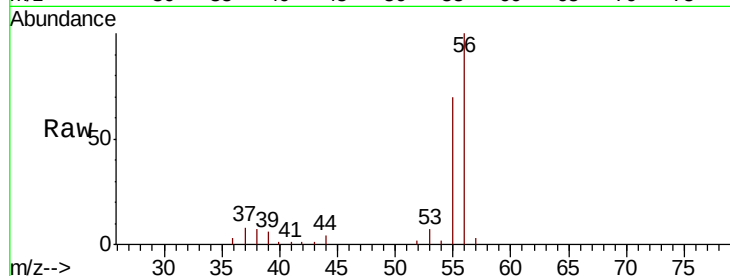
VSTDCCC050

Tot Ion: 56 Resp: 104593

Ion Ratio Lower Upper

56 100

55 71.4 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

40000

30000

20000

10000

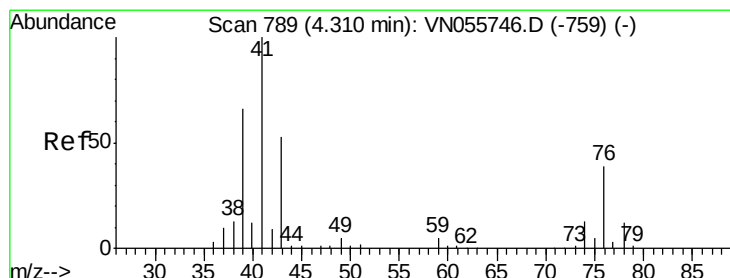
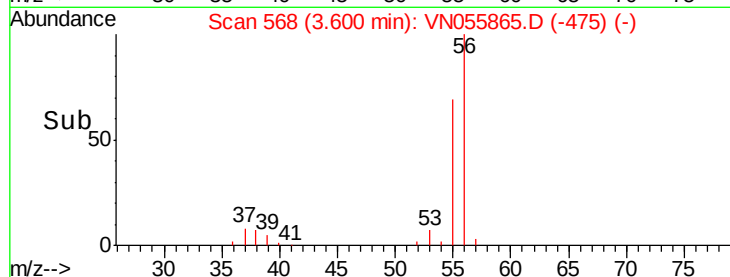
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 45.762 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

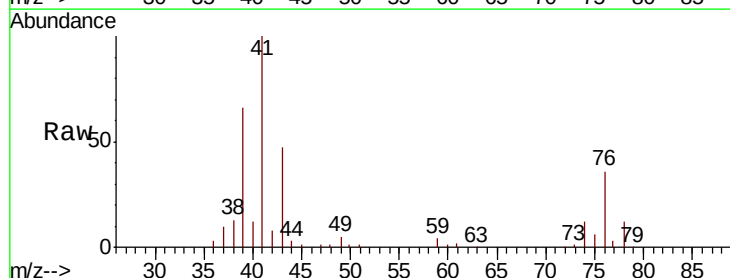
Tgt Ion: 41 Resp: 231779

Ion Ratio Lower Upper

41 100

39 61.5 50.0 75.0

76 33.8 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.31

100000

80000

60000

40000

20000

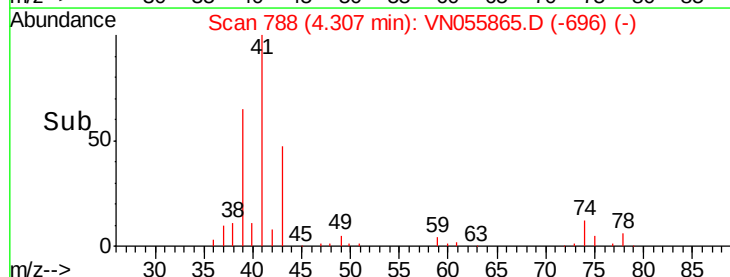
0

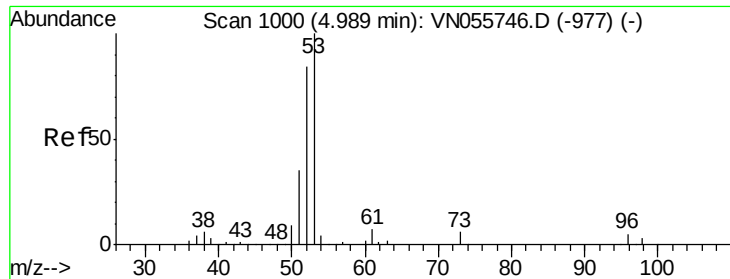
Time-->

4.20

4.30

4.40

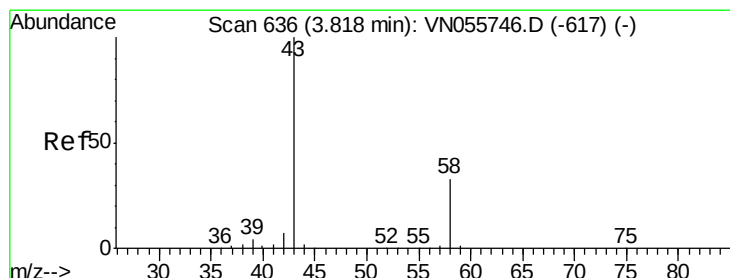
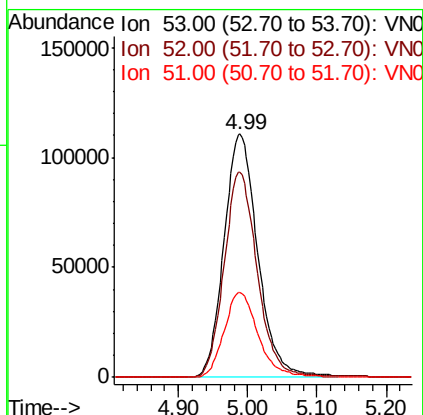
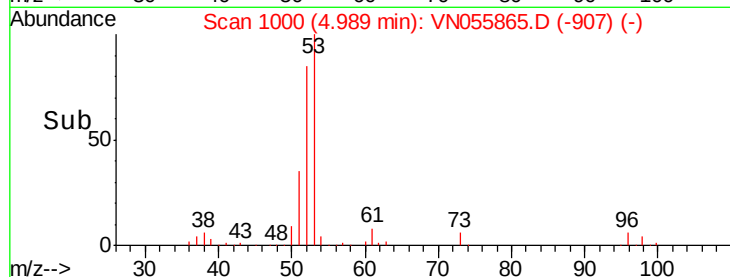
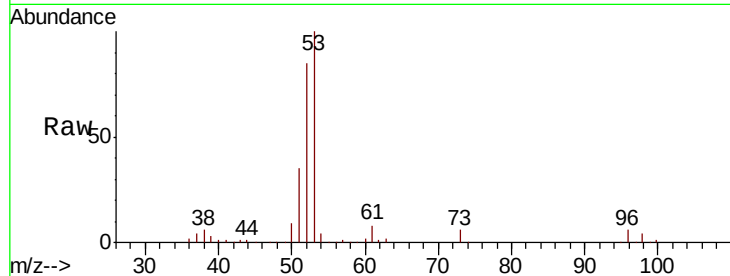




#15
 Acrylonitrile
 Concen: 239.298 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

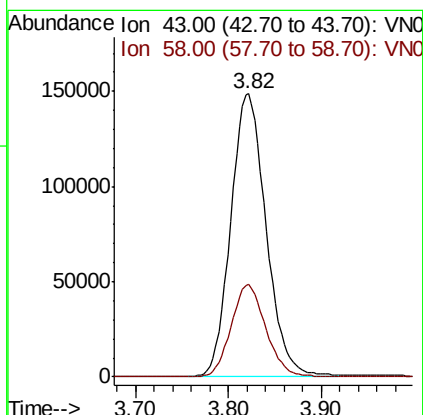
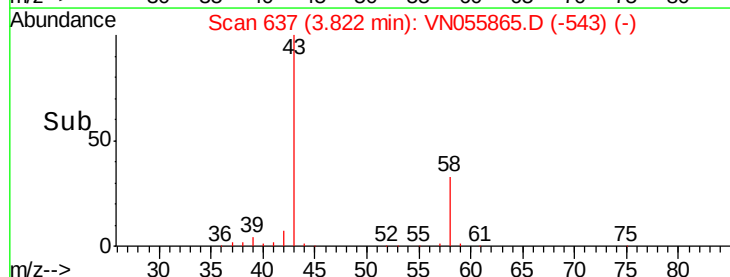
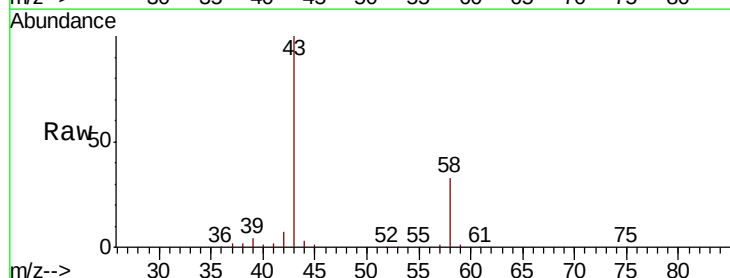
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

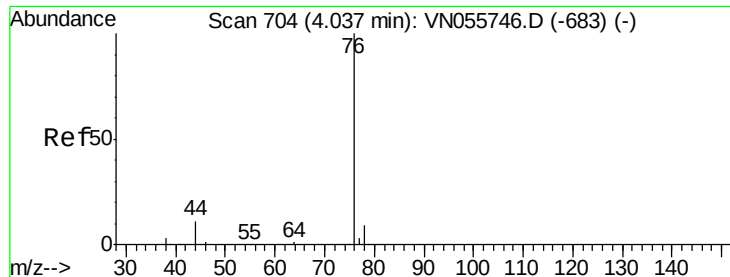
Tot Ion: 53 Resp: 376664
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.8 98.8
 51 35.2 28.2 42.4



#16
 Acetone
 Concen: 247.613 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 43 Resp: 390499
 Ion Ratio Lower Upper
 43 100
 58 32.8 26.6 39.8

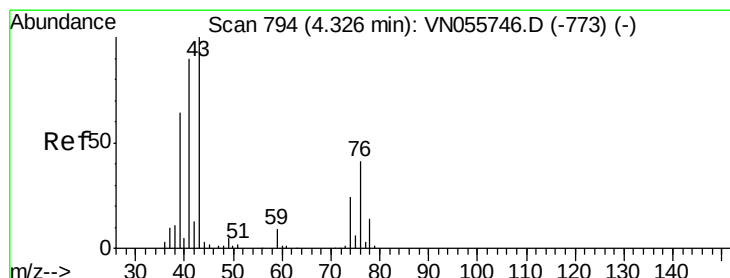
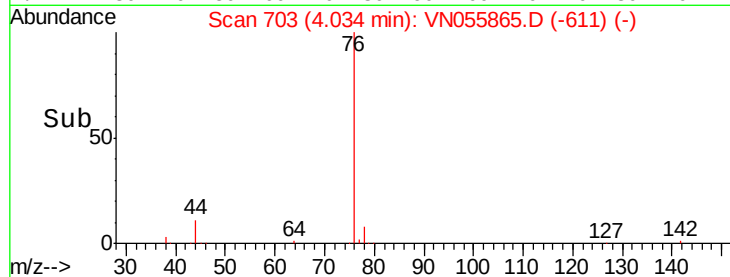
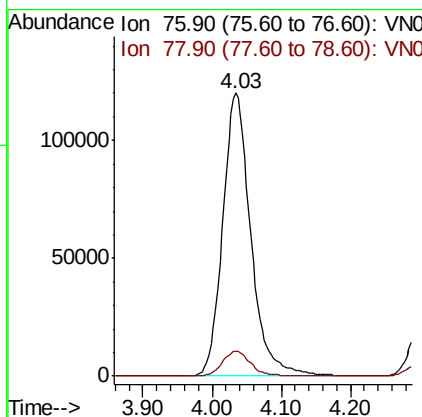
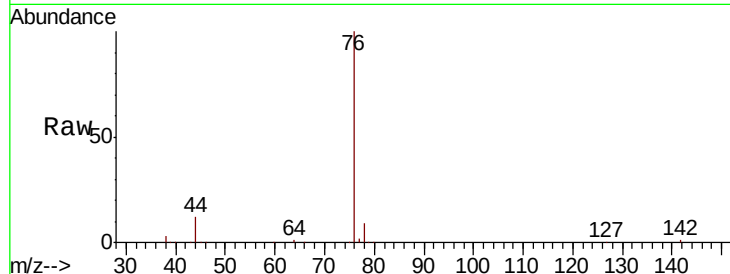




#17
Carbon Disulfide
Concen: 40.445 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

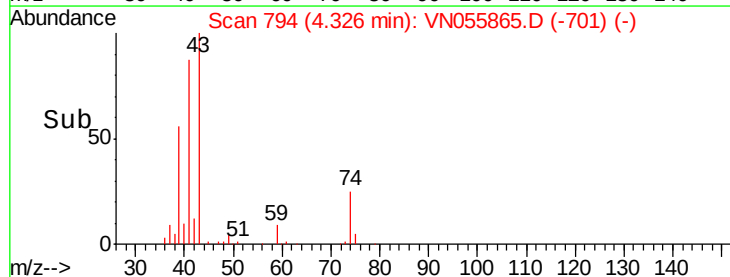
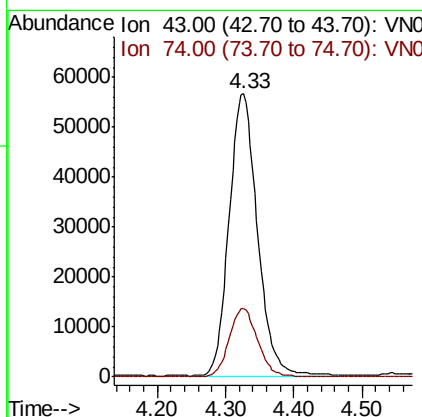
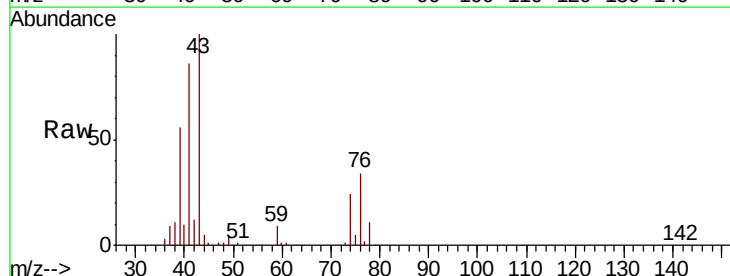
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

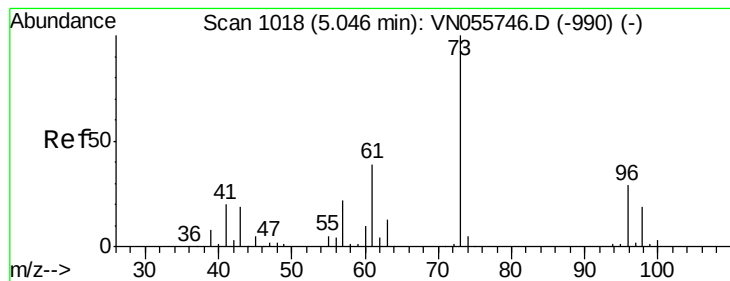
Tot Ion: 76 Resp: 339507
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 50.787 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 43 Resp: 162764
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9



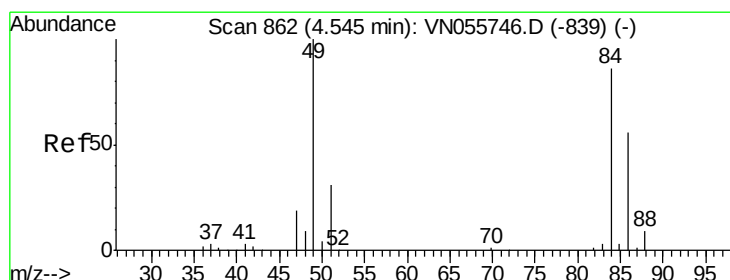
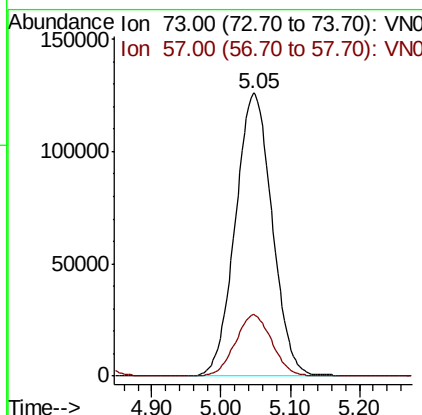
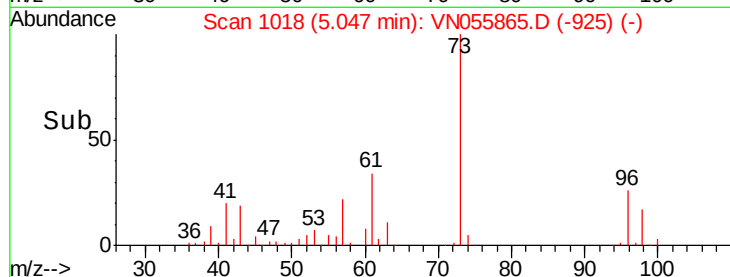
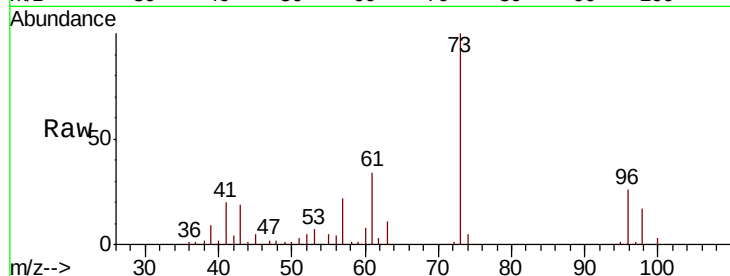


#19

Methyl tert-butyl Ether
 Concen: 47.246 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

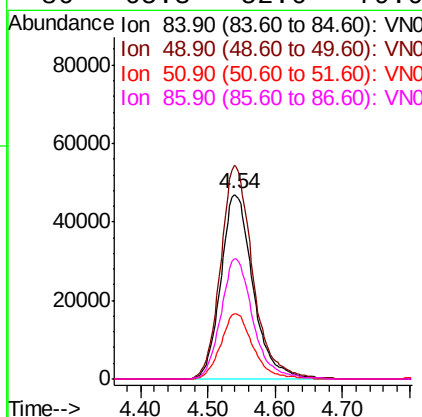
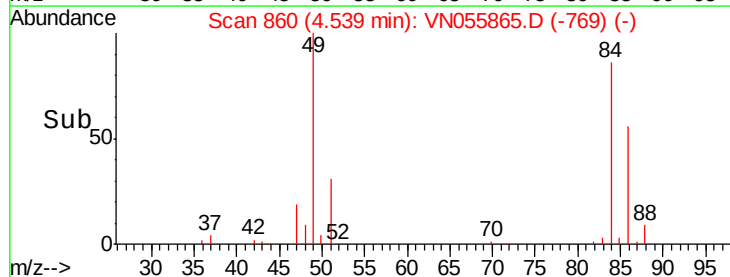
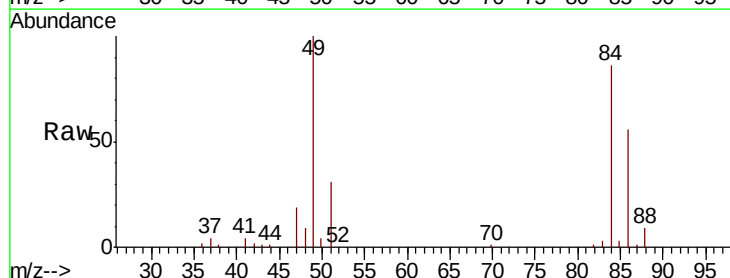
Tot Ion: 73 Resp: 465552
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.8

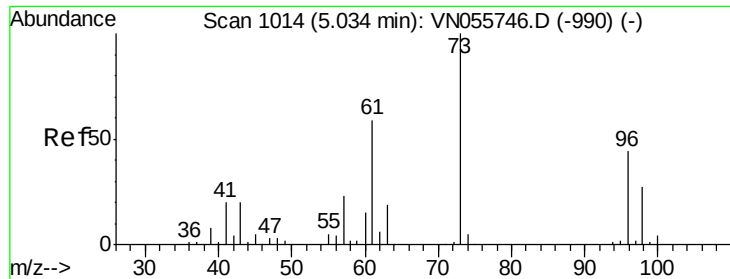


#20

Methylene Chloride
 Concen: 45.926 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 84 Resp: 156855
 Ion Ratio Lower Upper
 84 100
 49 115.9 93.5 140.3
 51 35.5 28.6 43.0
 86 65.3 52.6 79.0

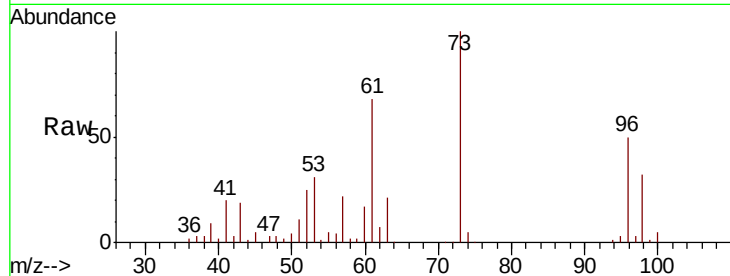




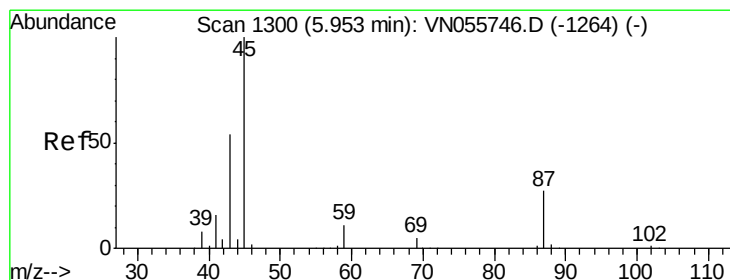
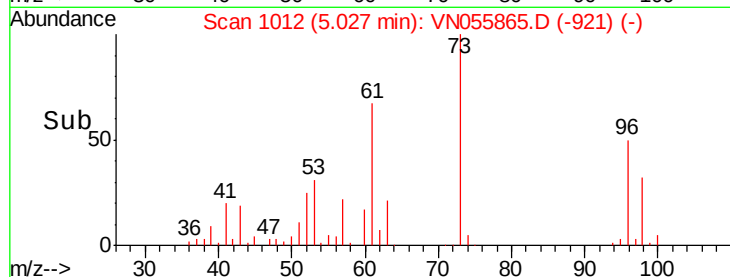
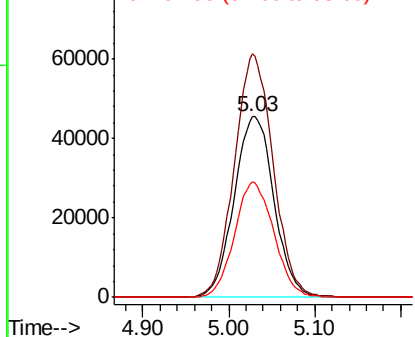
#21
trans-1,2-Dichloroethene
Concen: 46.138 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 146447
Ion Ratio Lower Upper
96 100
61 134.9 107.8 161.8
98 64.1 49.8 74.8

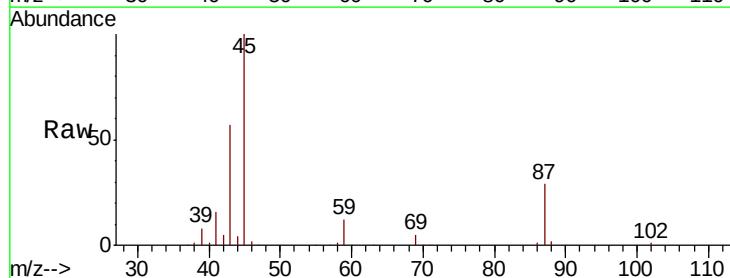


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

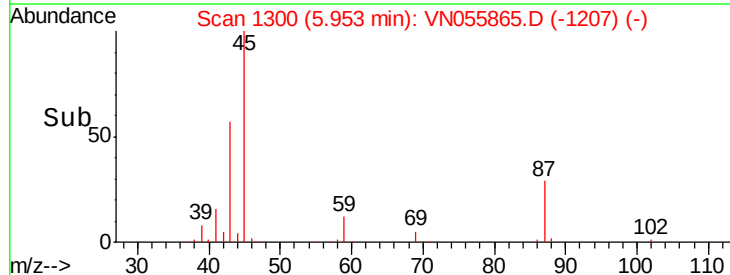
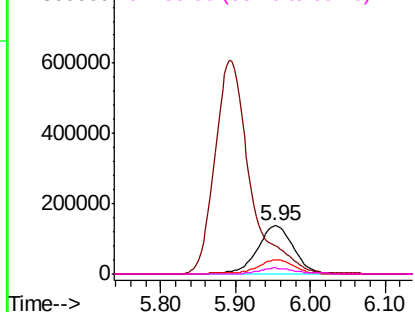


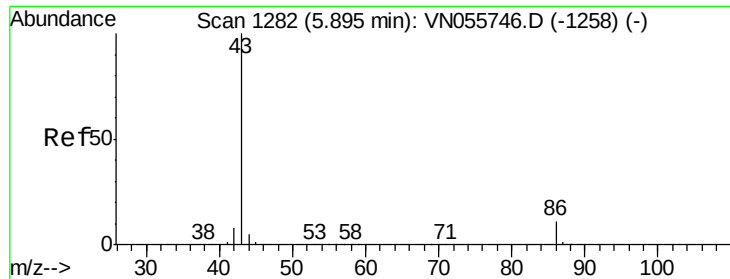
#22
Diisopropyl ether
Concen: 47.181 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 45 Resp: 464786
Ion Ratio Lower Upper
45 100
43 55.5 45.0 67.6
87 28.9 22.2 33.4
59 11.8 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: 236.642 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

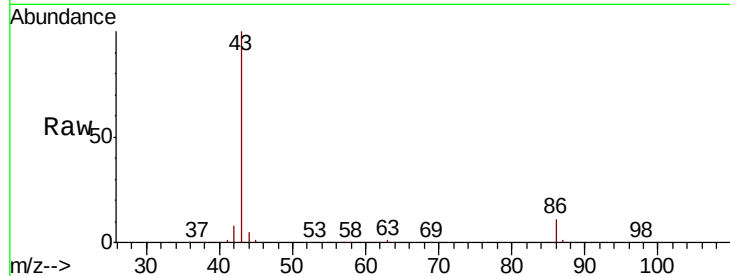
VSTDCCC050

Tot Ion: 43 Resp: 1998725

Ion Ratio Lower Upper

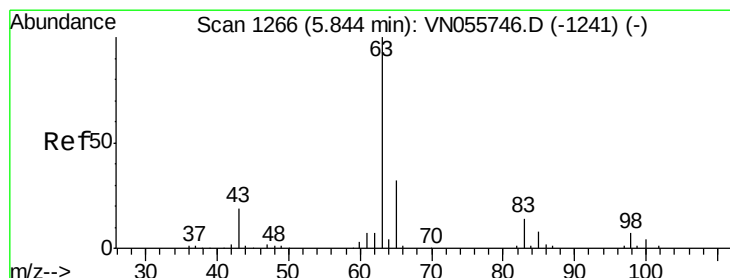
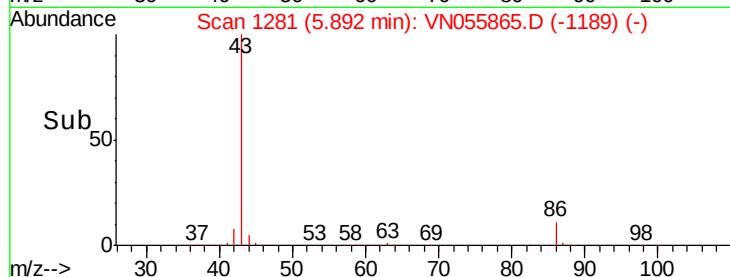
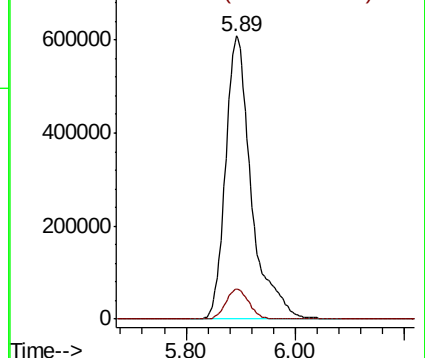
43 100

86 10.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.470 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

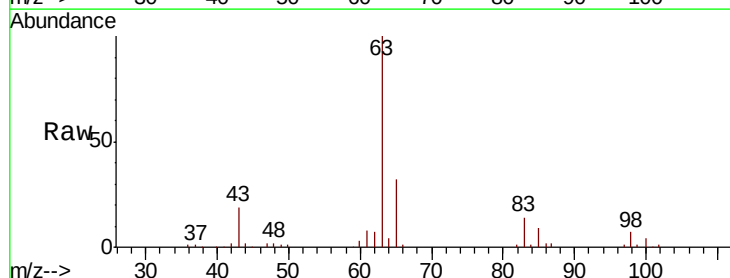
Tgt Ion: 63 Resp: 266534

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

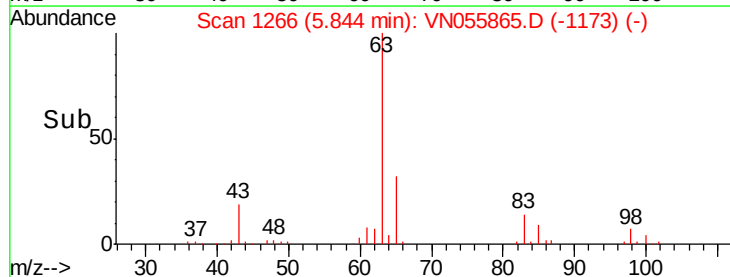
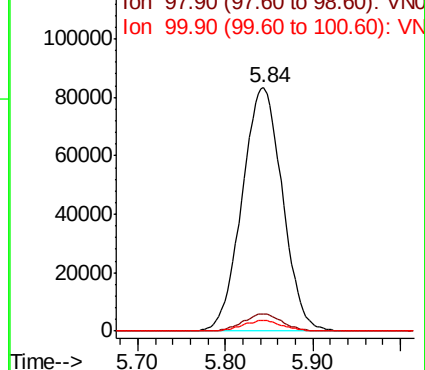
100 4.3 2.2 6.6

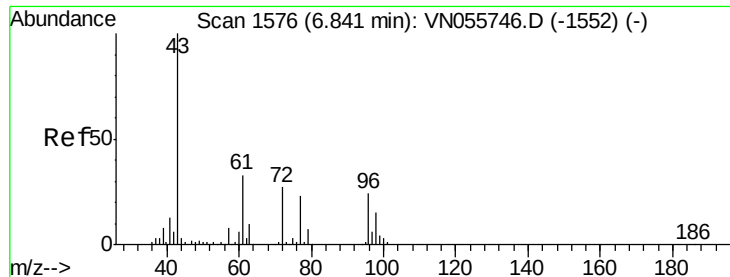


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 245.056 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

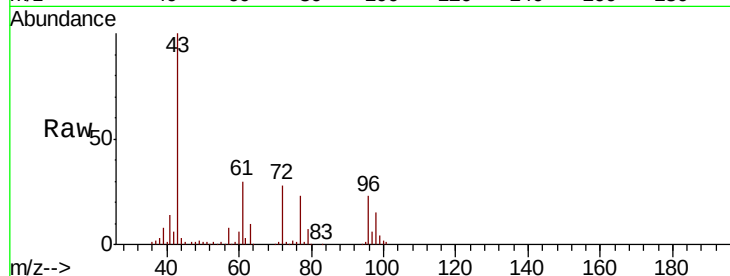
VSTDCCC050

Tot Ion: 43 Resp: 539731

Ion Ratio Lower Upper

43 100

72 28.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

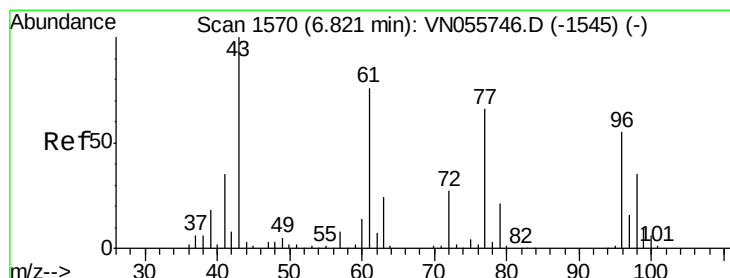
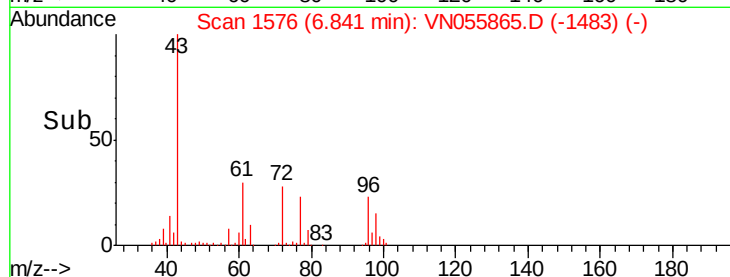
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 45.654 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055865.D

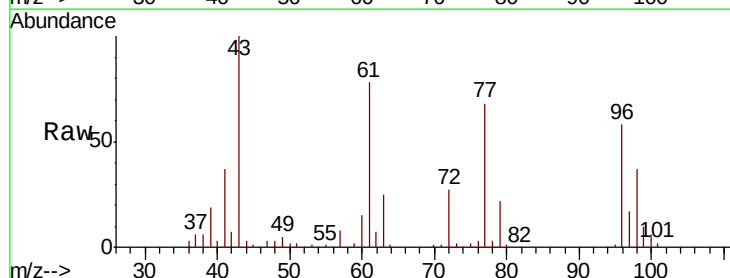
Acq: 29 May 2019 9:49

Tgt Ion: 77 Resp: 226624

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

80000

60000

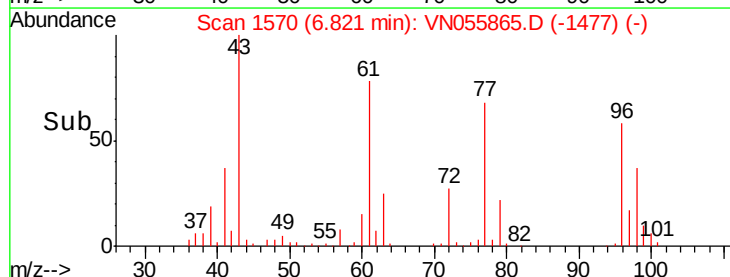
40000

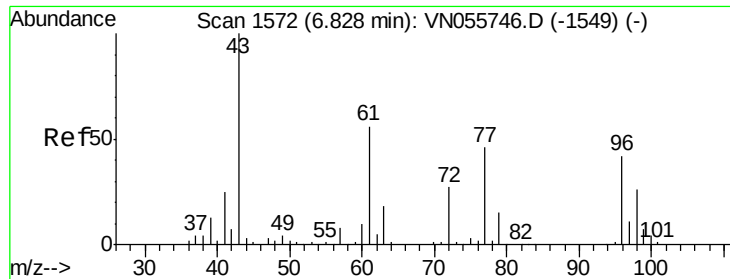
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.403 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

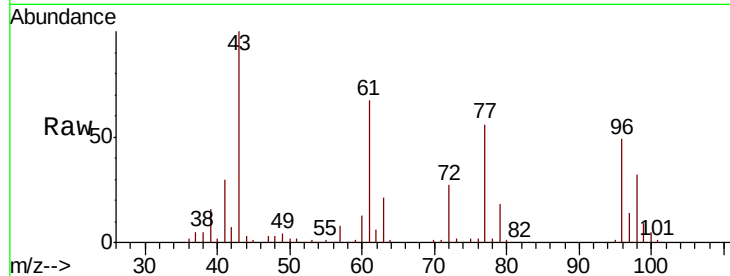
Tot Ion: 96 Resp: 175540

Ion Ratio Lower Upper

96 100

61 137.0 0.0 275.8

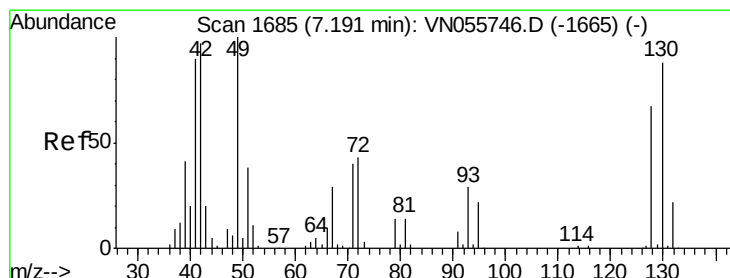
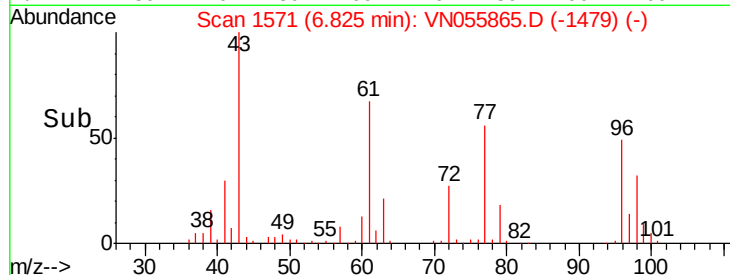
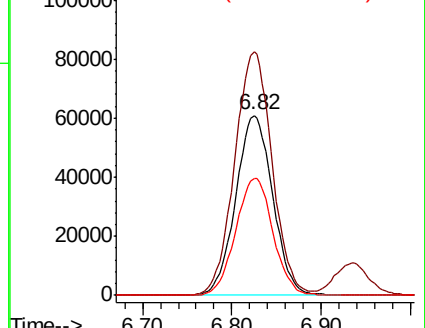
98 65.4 0.0 128.4



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: 48.423 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

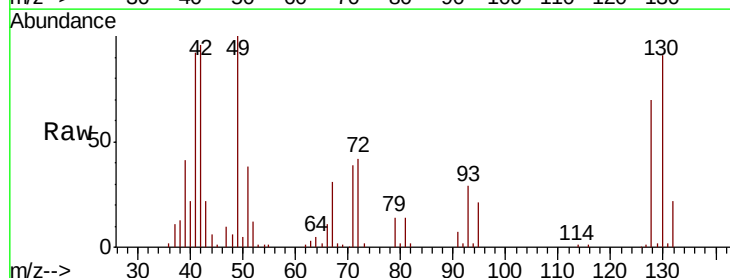
Tgt Ion: 49 Resp: 132234

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

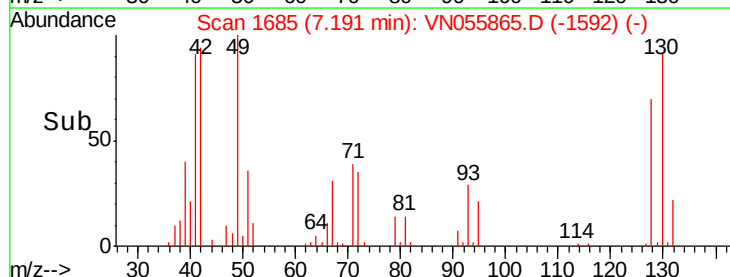
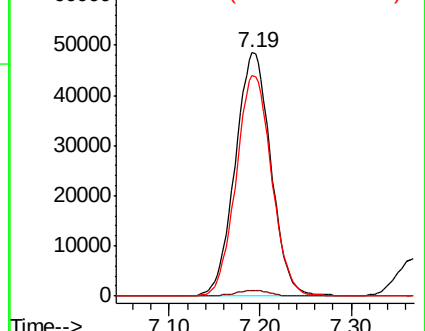
130 90.0 71.2 106.8

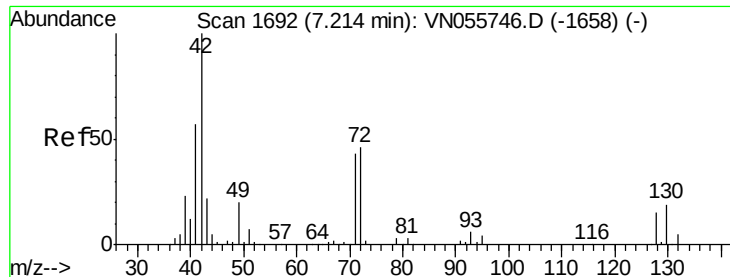


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

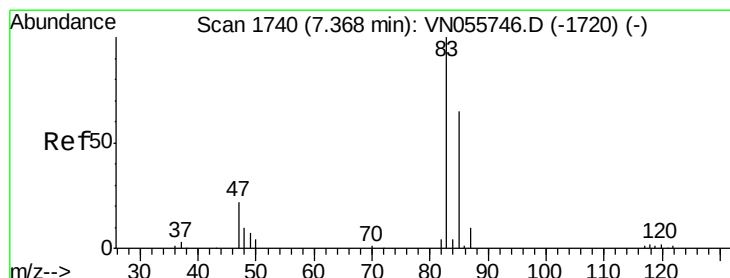
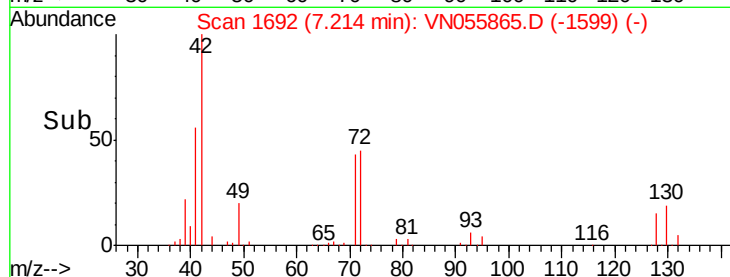
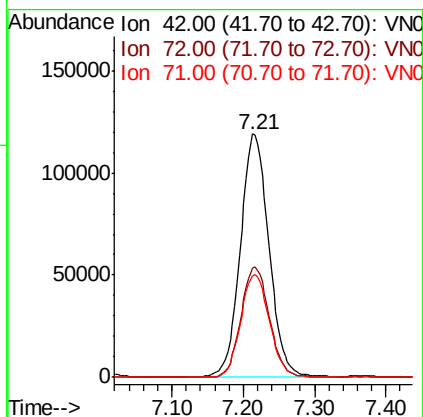
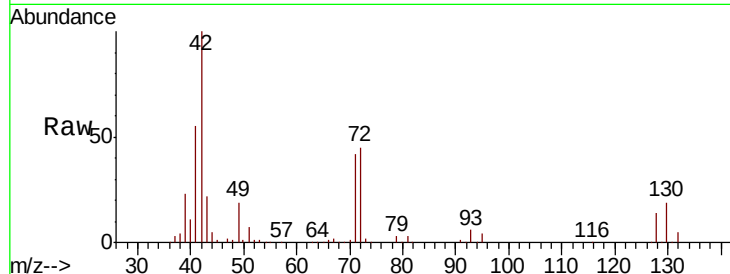




#29
Tetrahydrofuran
Concen: 238.971 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

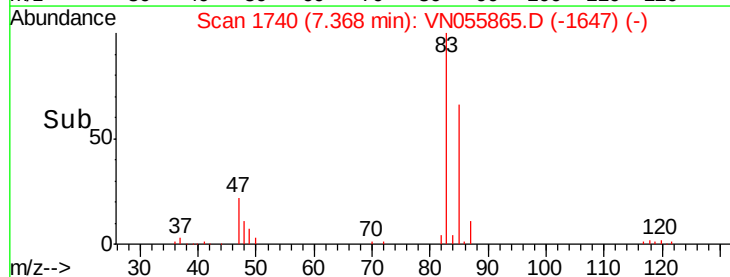
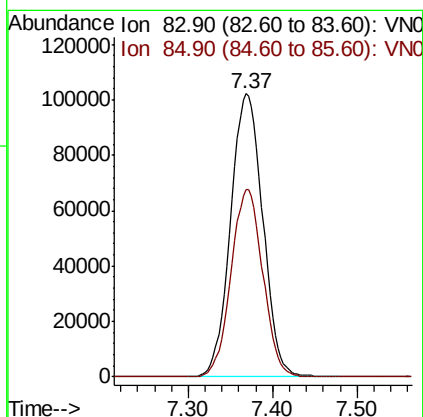
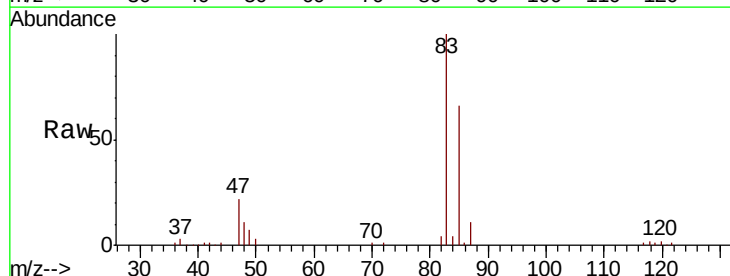
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

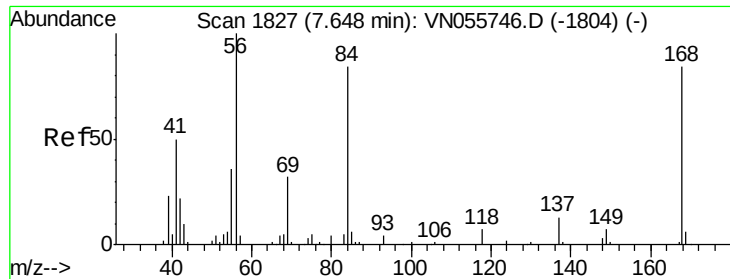
Tot Ion: 42 Resp: 333309
Ion Ratio Lower Upper
42 100
72 45.1 35.9 53.9
71 42.4 34.0 51.0



#30
Chloroform
Concen: 47.440 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 83 Resp: 271359
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8

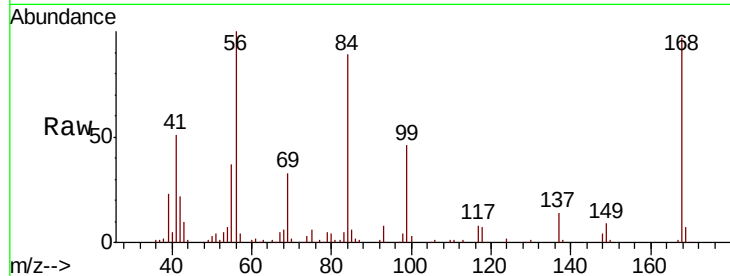




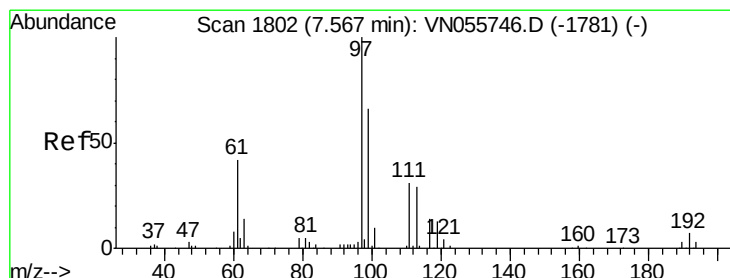
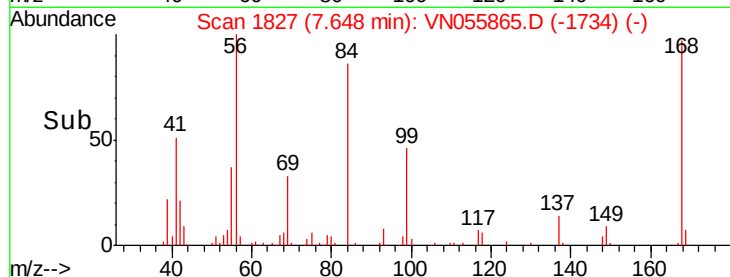
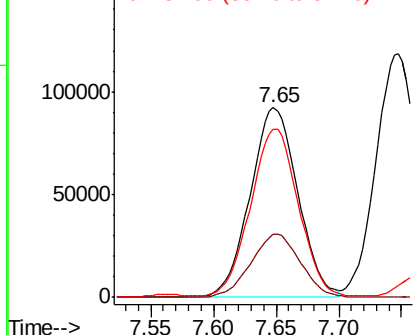
#31
Cyclohexane
Concen: 45.371 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 244321
Ion Ratio Lower Upper
56 100
69 33.0 25.6 38.4
84 87.7 67.4 101.0

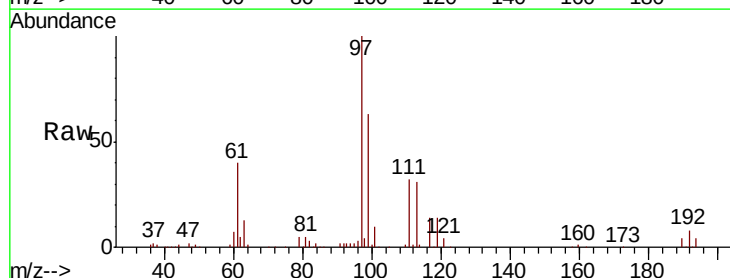


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

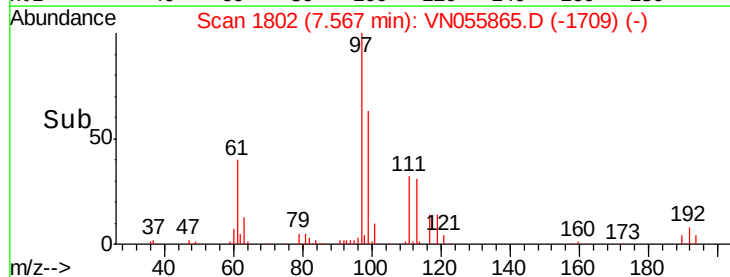
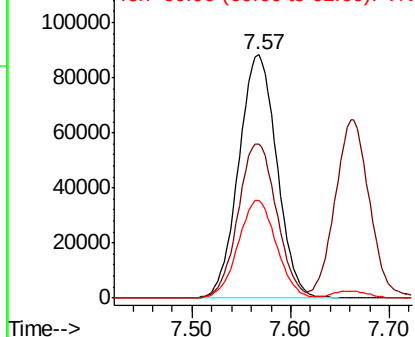


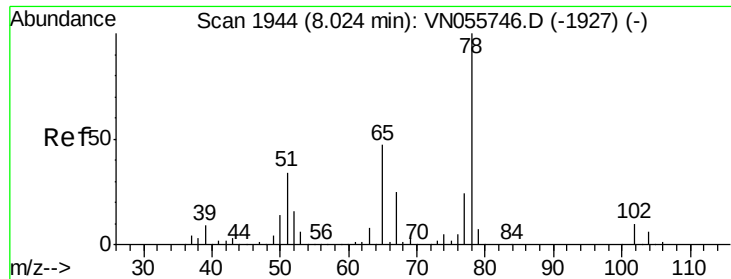
#32
1,1,1-Trichloroethane
Concen: 46.332 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 97 Resp: 236496
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 40.2 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

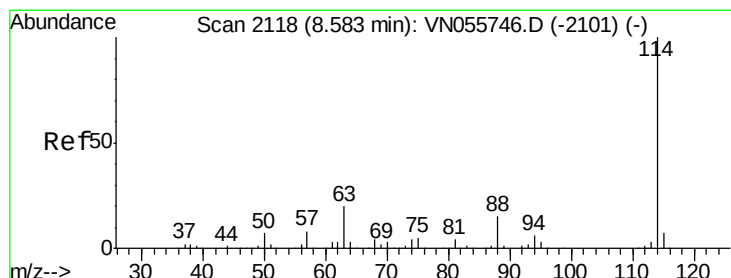
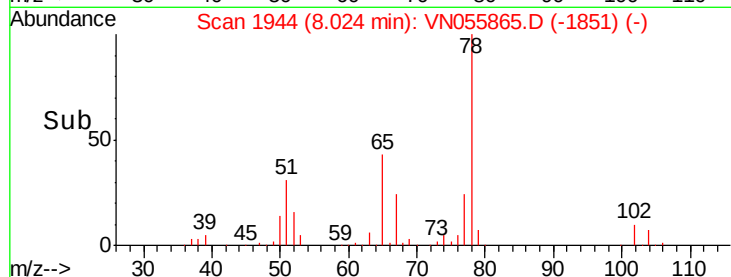
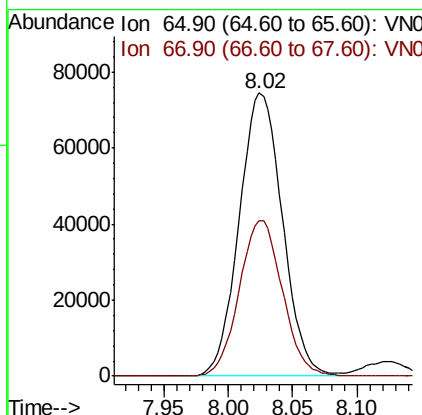
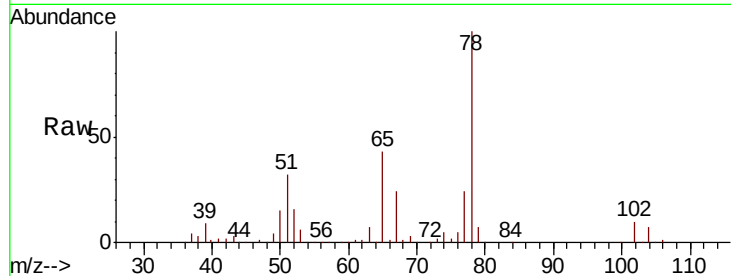




#33
 1,2-Dichloroethane-d4
 Concen: 48.572 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

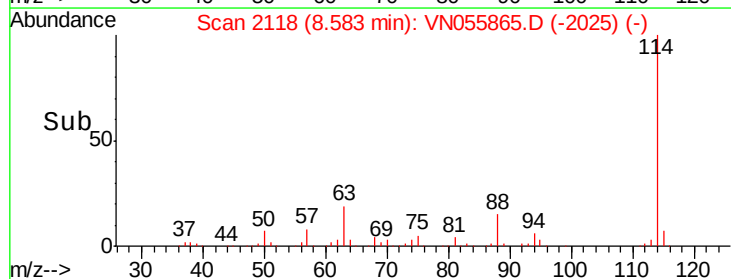
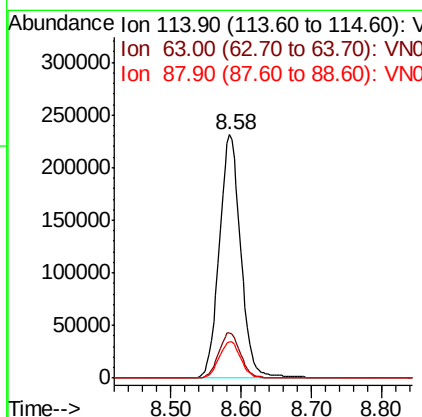
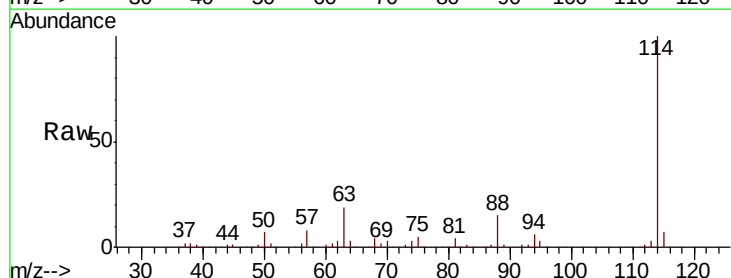
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

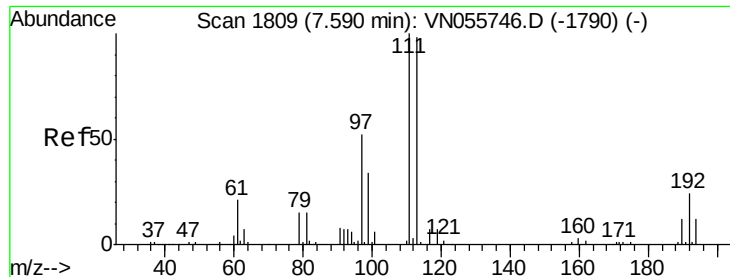
Tot Ion: 65 Resp: 174258
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 114 Resp: 489771
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

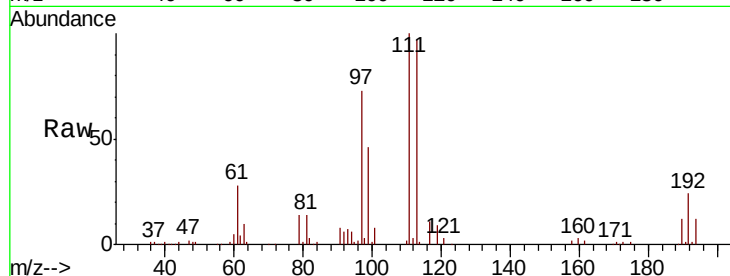
Tot Ion:113 Resp: 155750

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

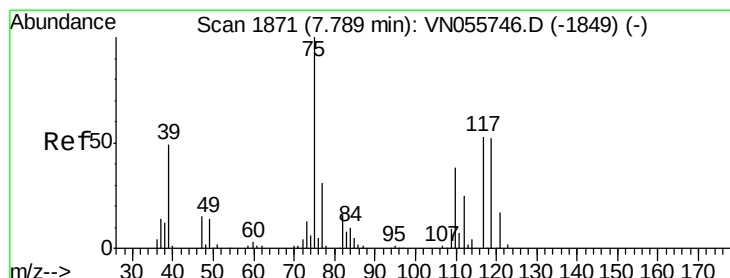
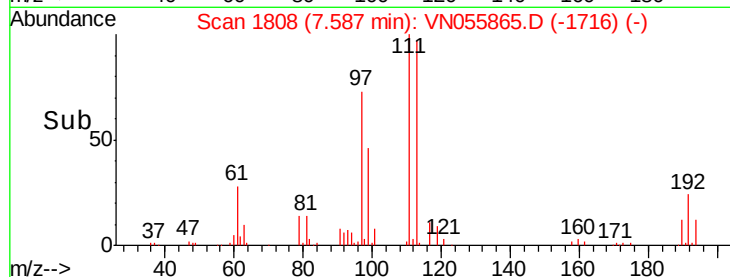
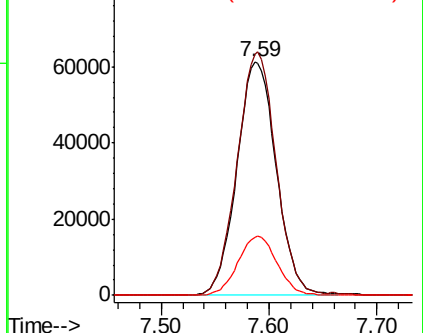
192 25.1 19.5 29.3



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: 47.008 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

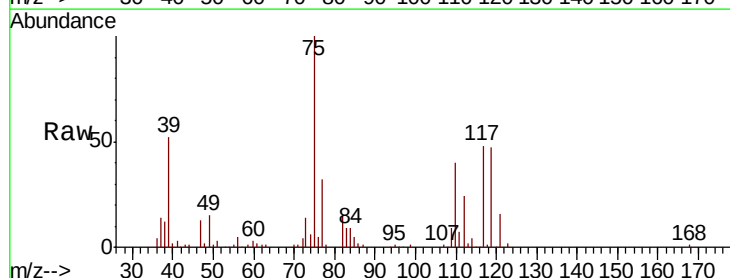
Tgt Ion: 75 Resp: 200638

Ion Ratio Lower Upper

75 100

110 38.6 19.0 57.0

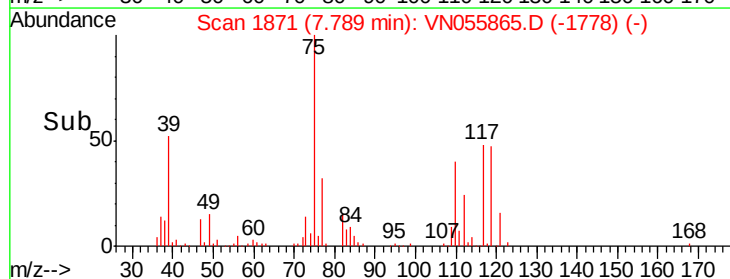
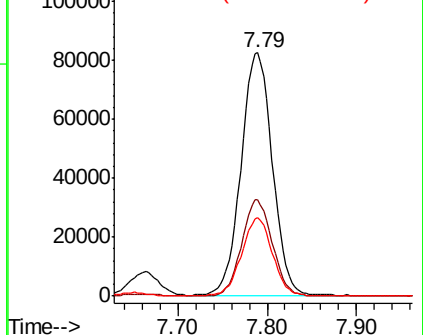
77 32.0 25.1 37.7

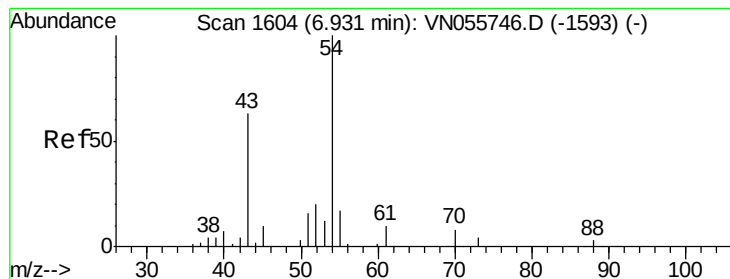


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 49.523 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

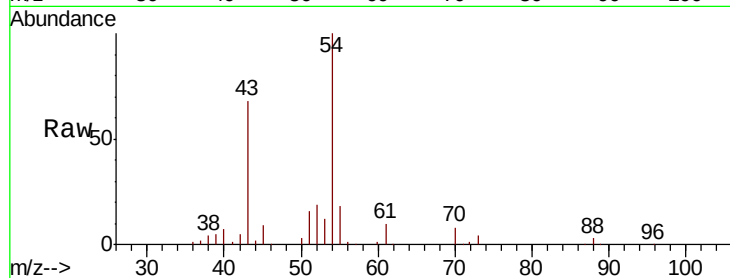
Tot Ion: 43 Resp: 204292

Ion Ratio Lower Upper

43 100

61 14.7 12.2 18.2

70 10.8 8.9 13.3

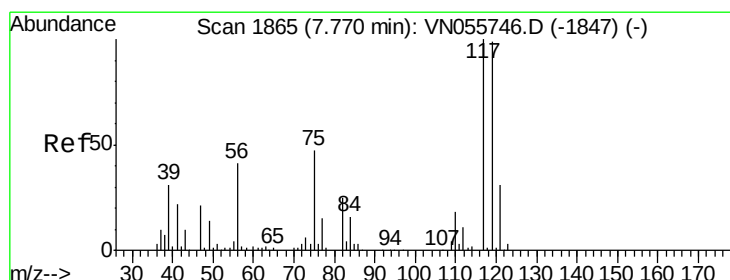
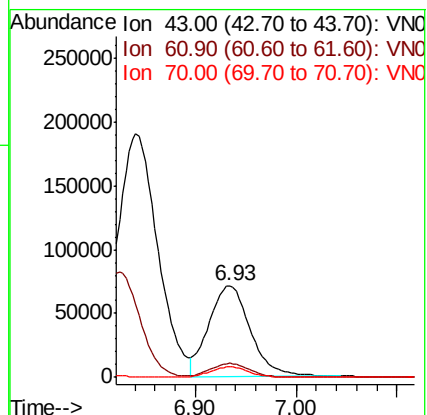
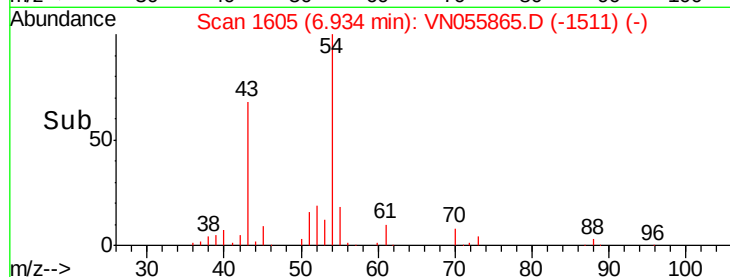


Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN055746.D (-1593) (-)

Ion 70.00 (69.70 to 70.70): VN055746.D (-1593) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 46.446 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

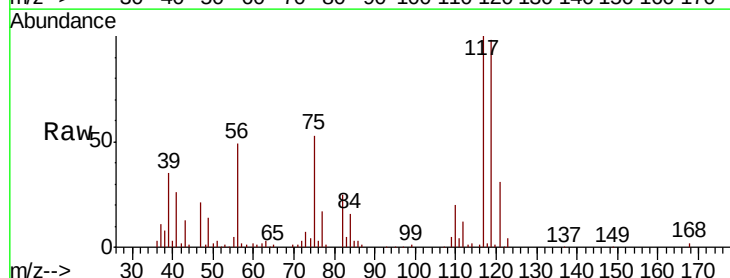
Tgt Ion: 117 Resp: 206494

Ion Ratio Lower Upper

117 100

119 98.2 79.0 118.6

121 31.4 24.7 37.1

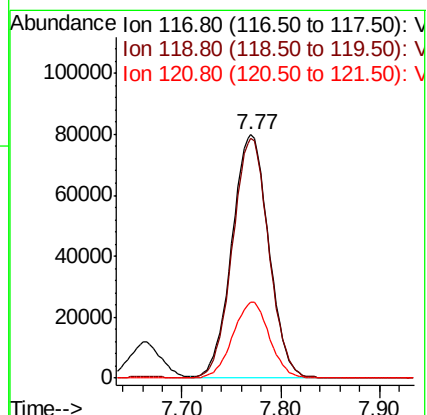
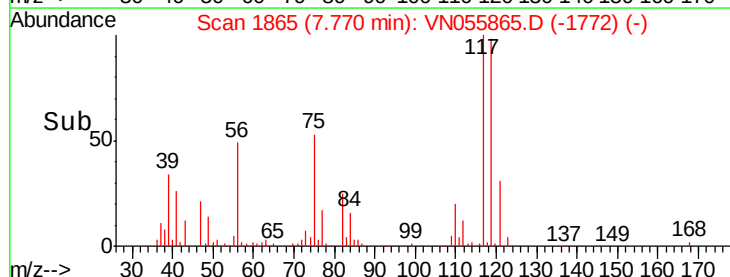


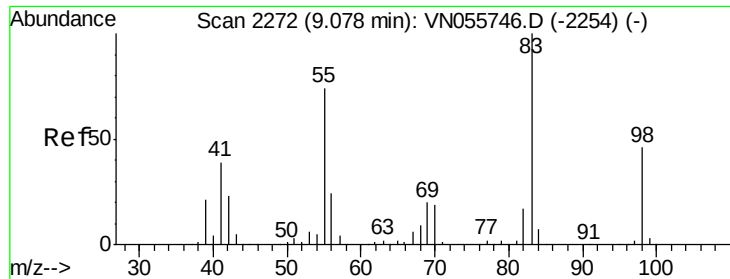
Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN055746.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN055746.D (-1847) (-)

Time-->

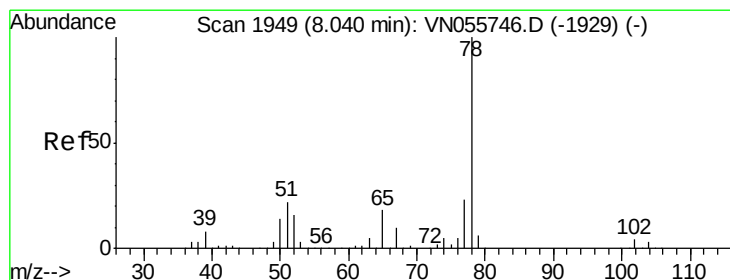
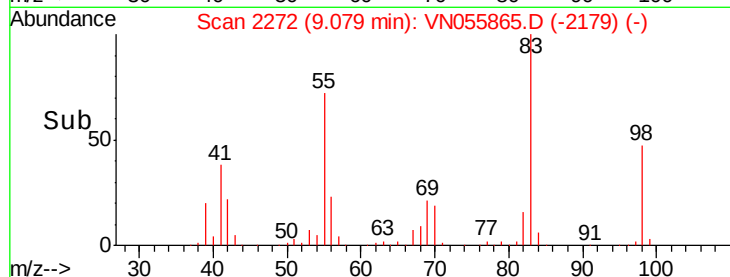
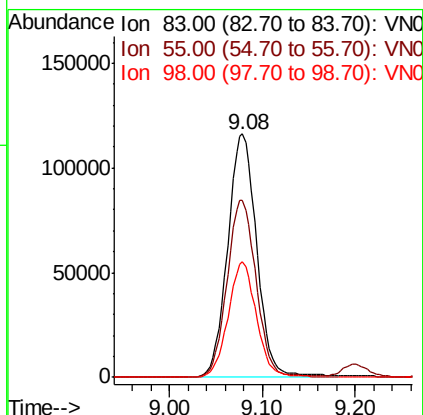
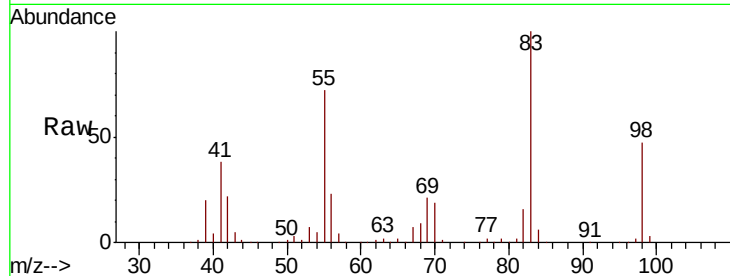




#39
Methylvlcyclohexane
Concen: 47.924 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

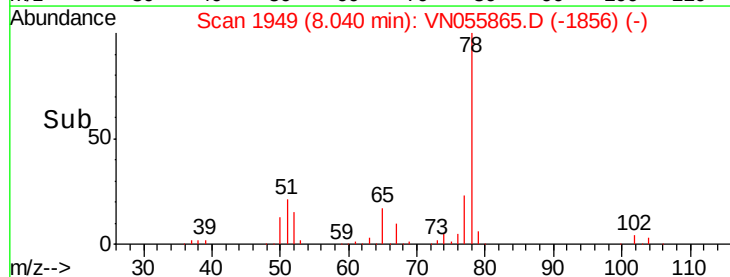
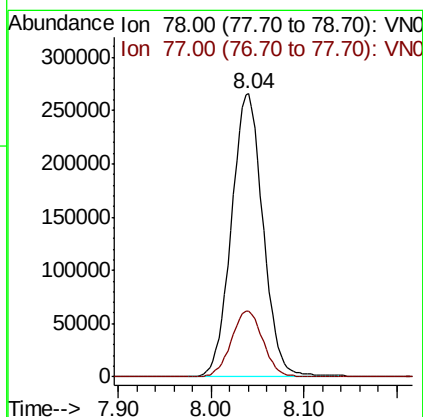
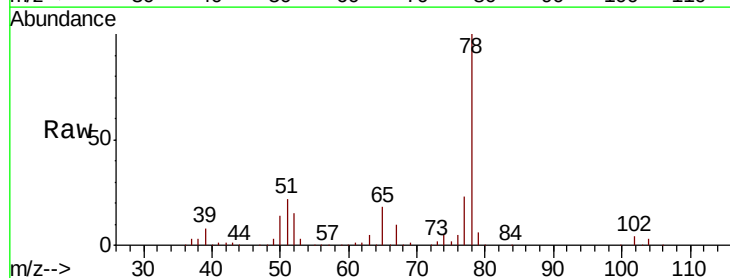
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

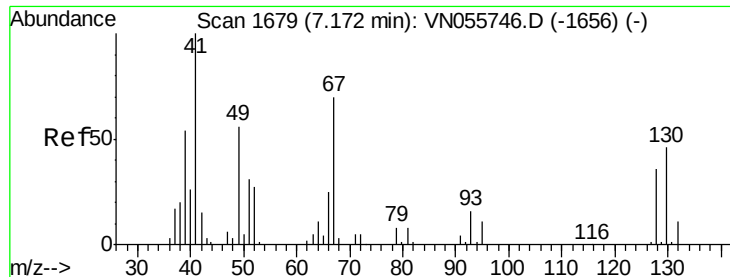
Tot Ion: 83 Resp: 253295
Ion Ratio Lower Upper
83 100
55 72.5 59.3 88.9
98 47.3 36.6 54.8



#40
Benzene
Concen: 48.819 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 78 Resp: 627980
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

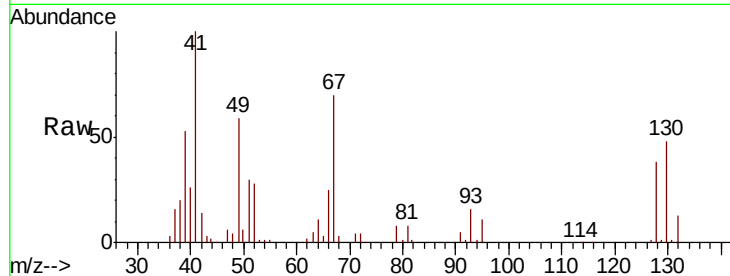




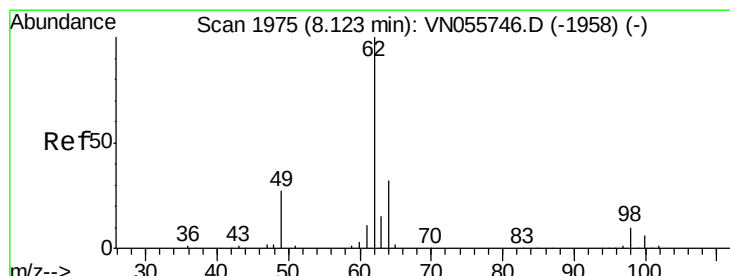
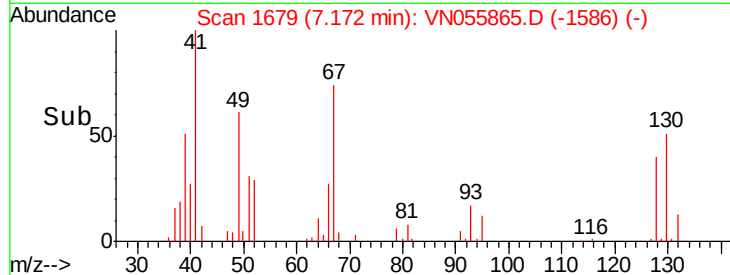
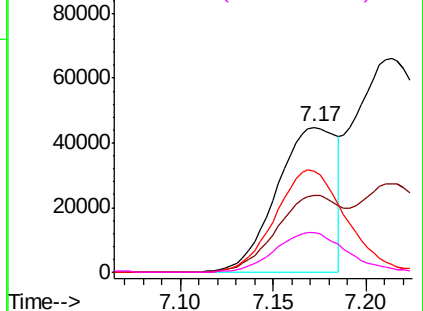
#41
Methacrylonitrile
Concen: 48.160 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 100369
Ion Ratio Lower Upper
41 100
39 56.4 45.6 68.4
67 84.6 67.7 101.5
52 33.5 26.6 40.0

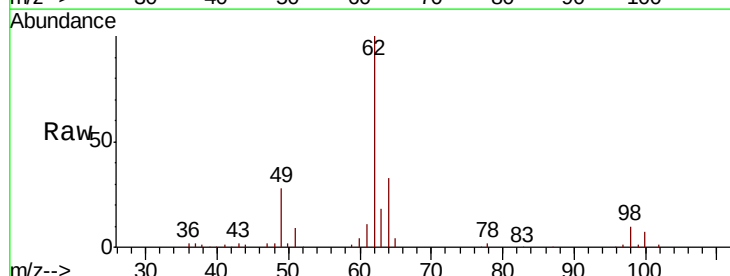


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

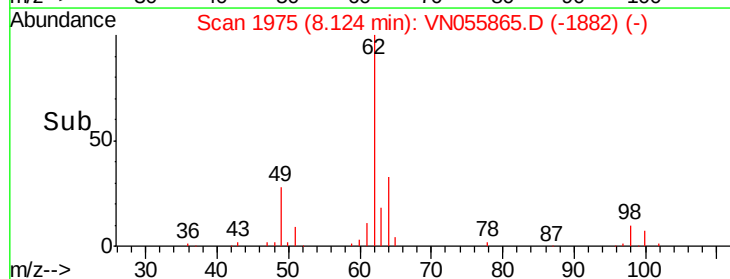
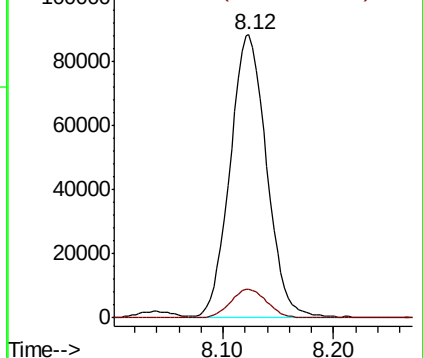


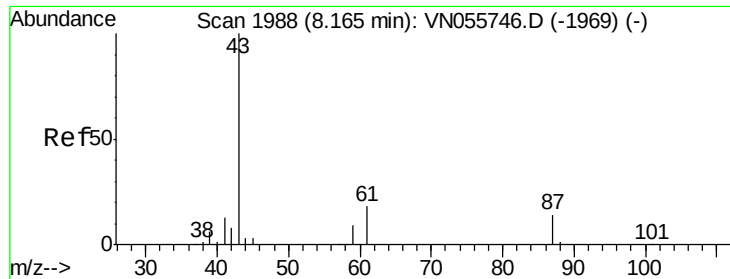
#42
1,2-Dichloroethane
Concen: 47.907 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 62 Resp: 201366
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: 47.744 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

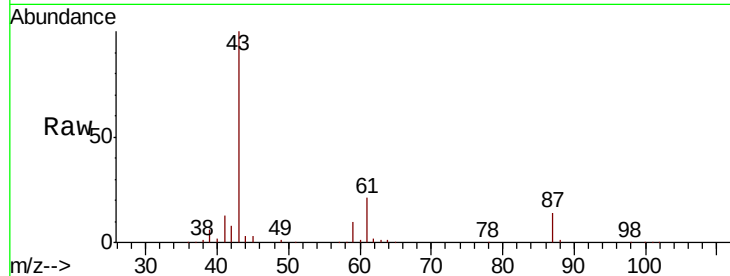
Tot Ion: 43 Resp: 330914

Ion Ratio Lower Upper

43 100

61 21.2 22.2 33.4#

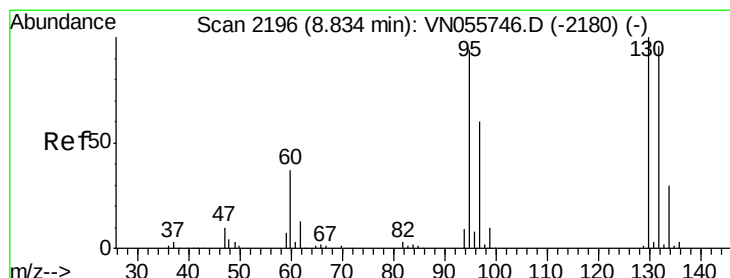
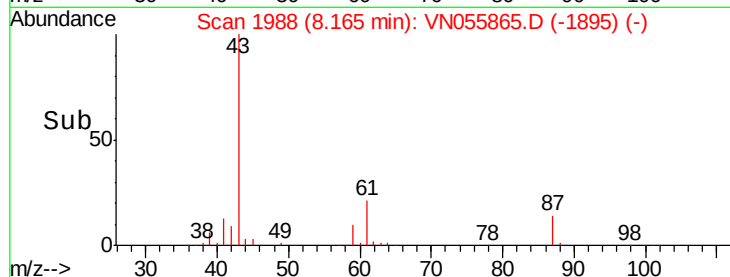
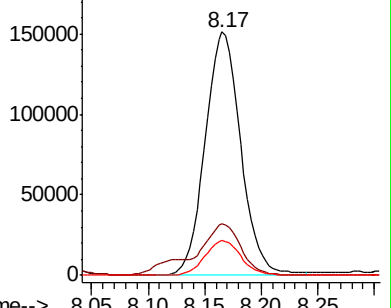
87 14.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#44

Trichloroethene

Concen: 50.475 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055865.D

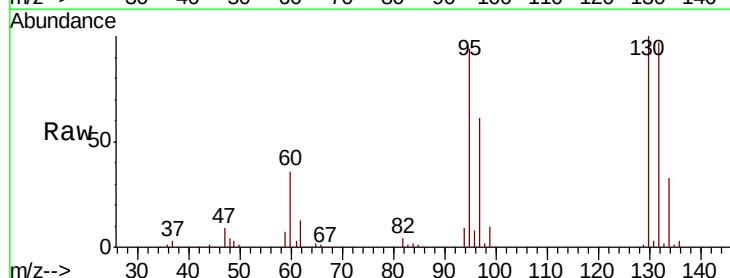
Acq: 29 May 2019 9:49

Tgt Ion:130 Resp: 181007

Ion Ratio Lower Upper

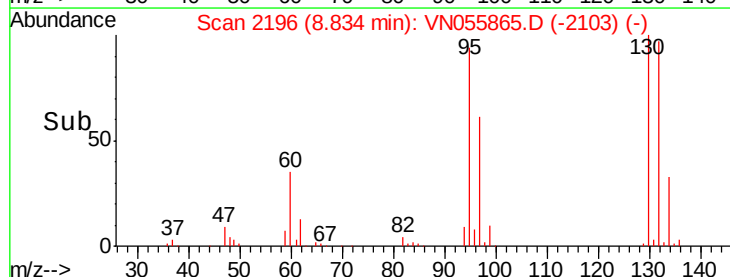
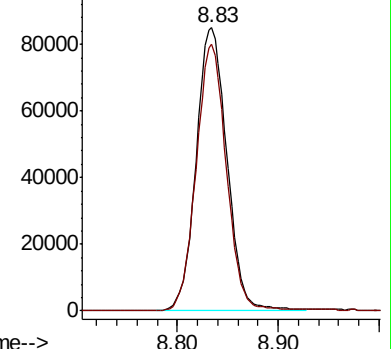
130 100

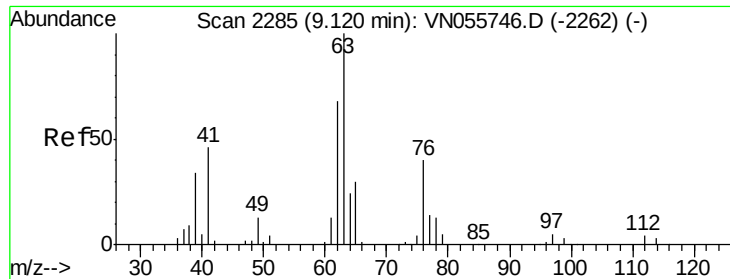
95 94.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

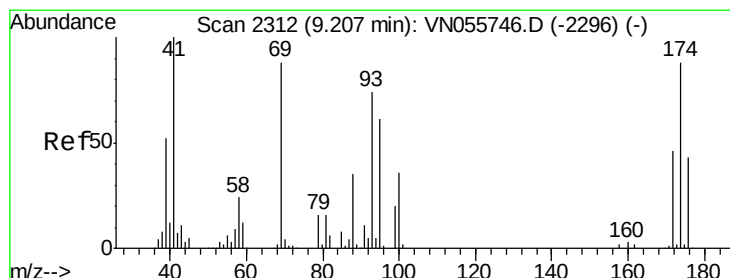
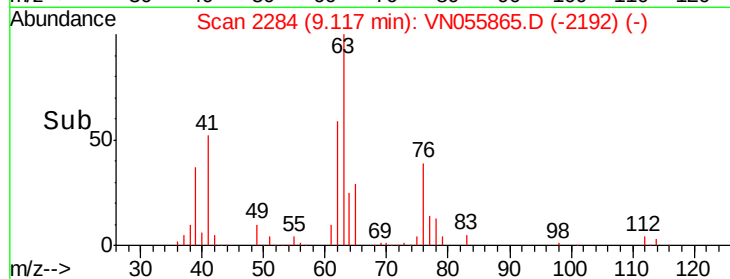
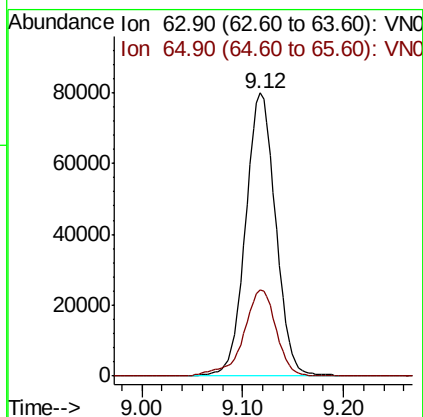
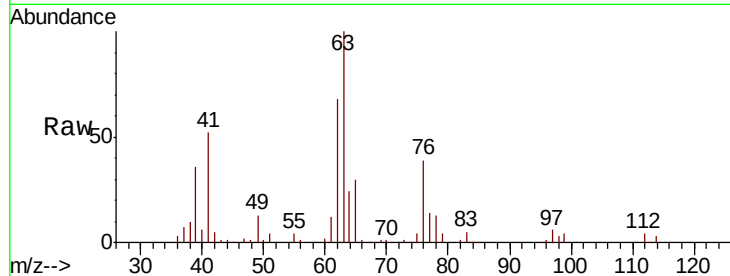




#45
 1,2-Dichloropropane
 Concen: 49.125 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

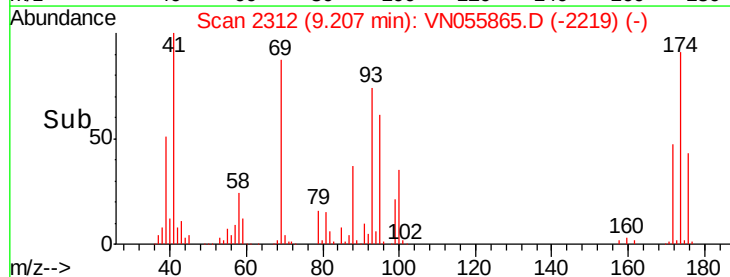
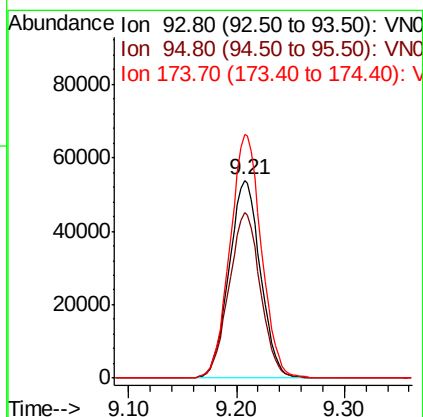
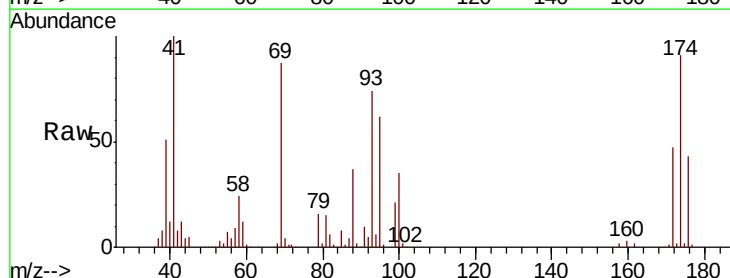
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

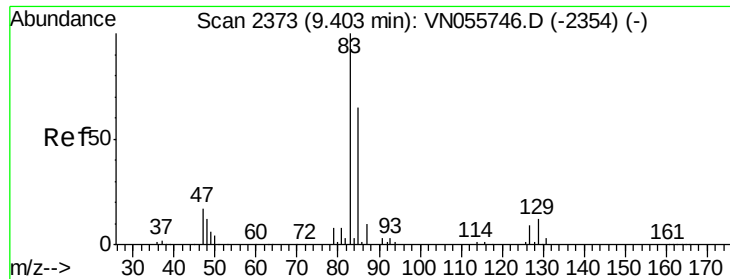
Tot Ion: 63 Resp: 164639
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8



#46
 Dibromomethane
 Concen: 49.681 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 93 Resp: 109195
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.7 100.1
 174 123.4 96.4 144.6





#47

Bromodichloromethane

Concen: 47.949 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

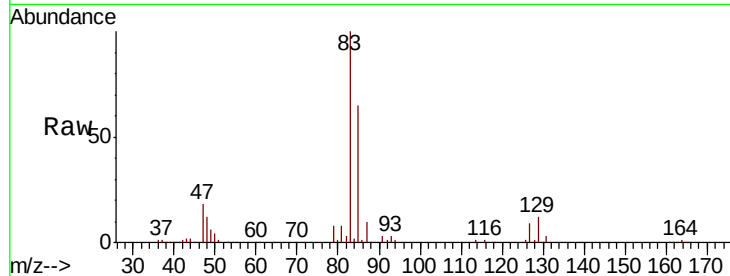
Tot Ion: 83 Resp: 216103

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.2

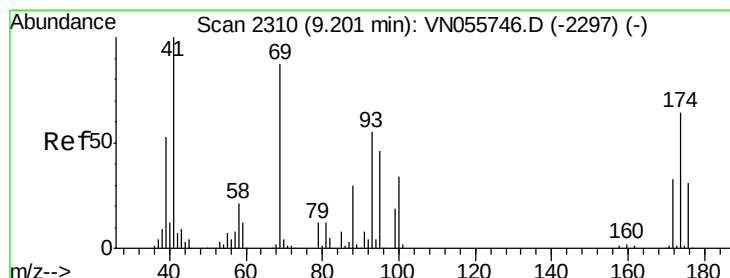
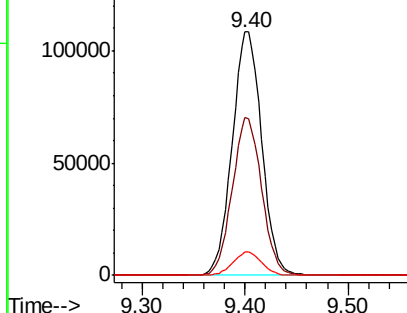
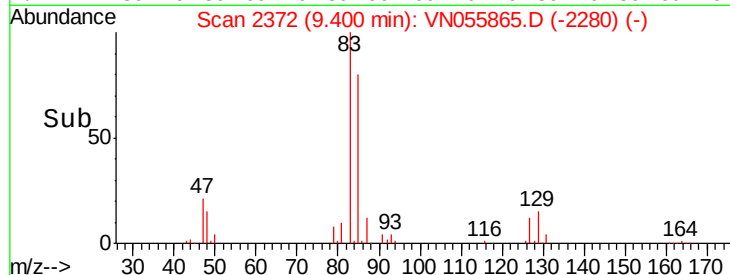
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055865.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055865.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055865.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.041 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

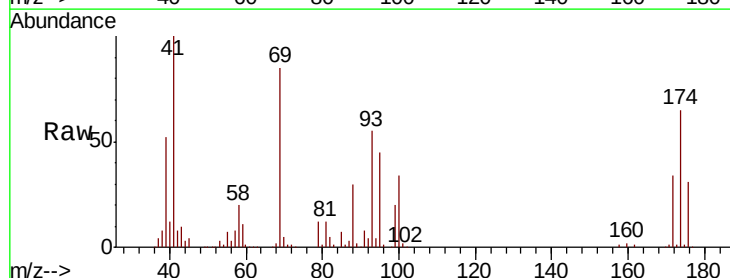
Tgt Ion: 41 Resp: 163043

Ion Ratio Lower Upper

41 100

69 88.0 71.0 106.6

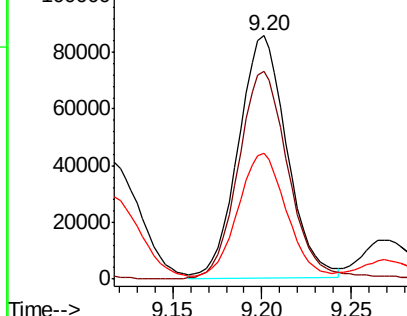
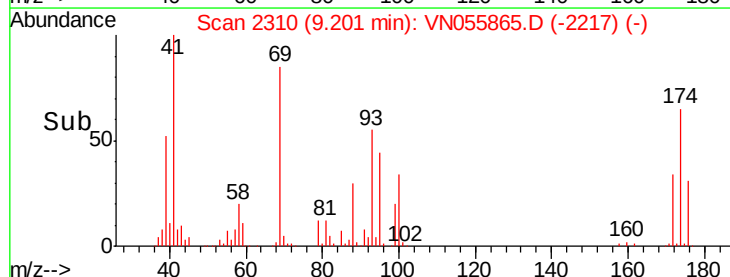
39 52.0 44.2 66.2

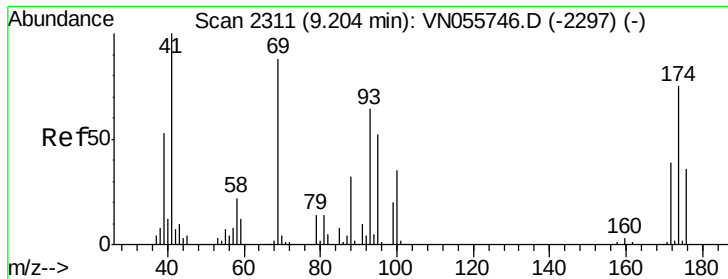


Abundance Ion 41.00 (40.70 to 41.70): VN055865.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055865.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055865.D (-2217) (-)

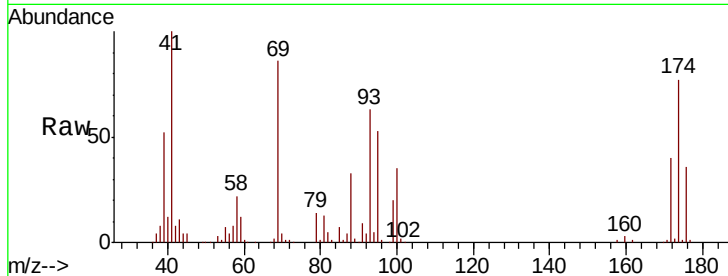




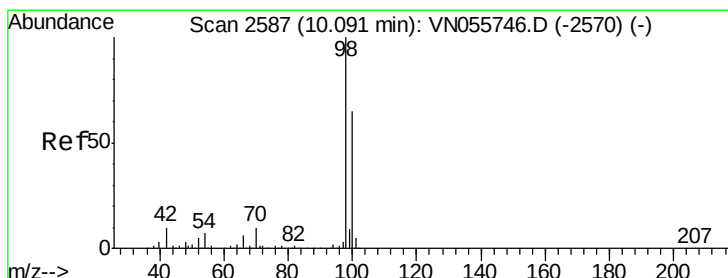
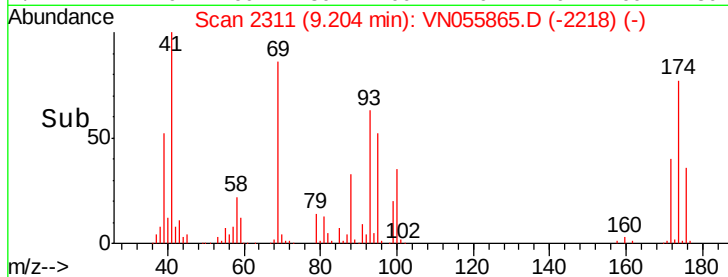
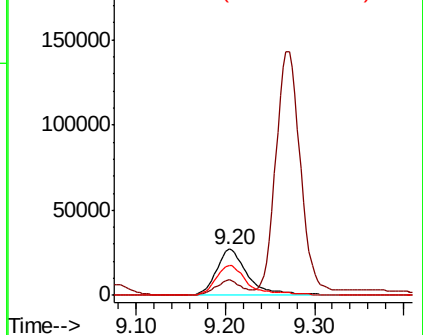
#49
1,4-Dioxane
Concen: 1003.452 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 66610
Ion Ratio Lower Upper
88 100
43 25.3 20.5 30.7
58 62.2 55.8 83.6

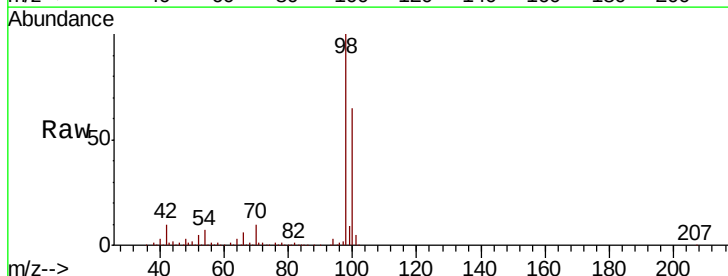


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

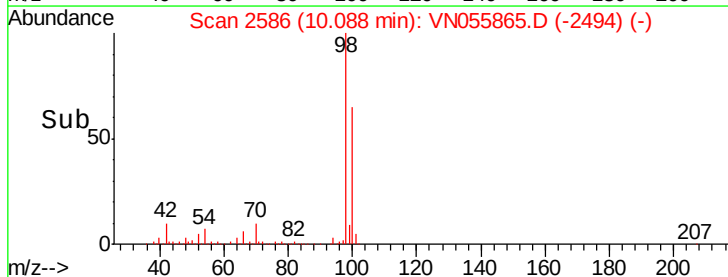
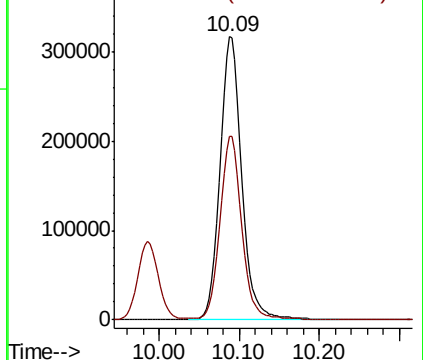


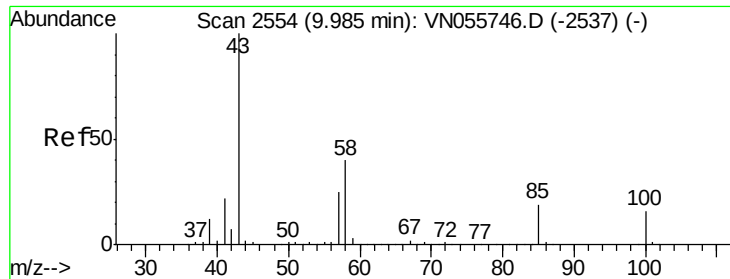
#50
Toluene-d8
Concen: 50.330 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 98 Resp: 597813
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 246.274 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

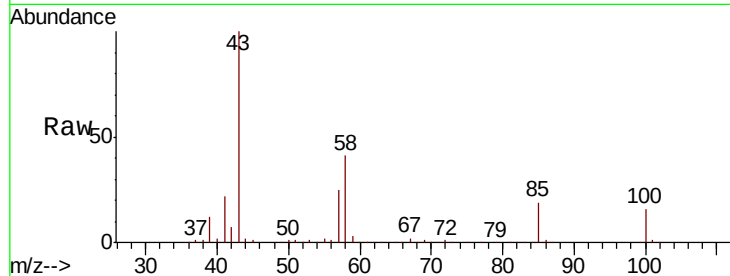
VSTDCCC050

Tot Ion: 43 Resp: 1008113

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

600000

500000

400000

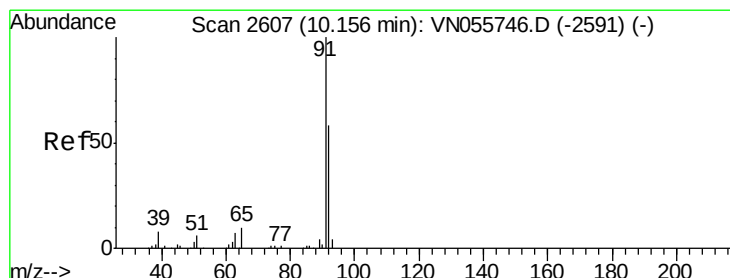
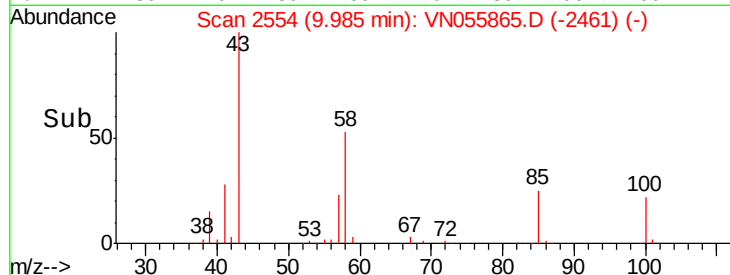
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.747 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055865.D

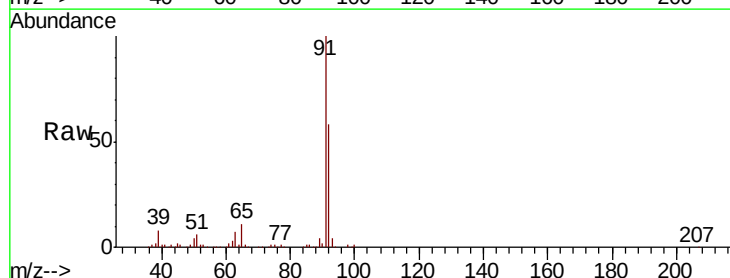
Acq: 29 May 2019 9:49

Tgt Ion: 92 Resp: 402464

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

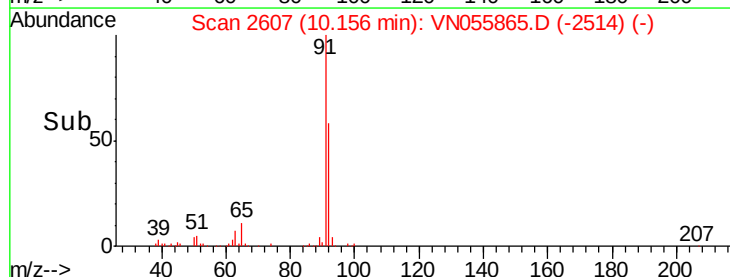
300000

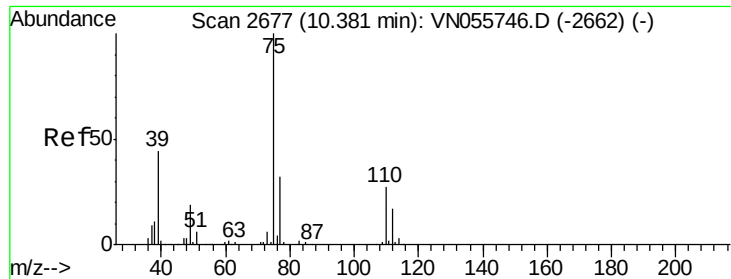
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.635 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampled :

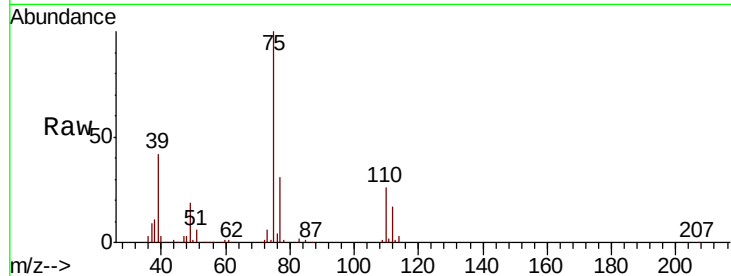
VSTDCCC050

Tot Ion: 75 Resp: 233970

Ion Ratio Lower Upper

75 100

77 31.1 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

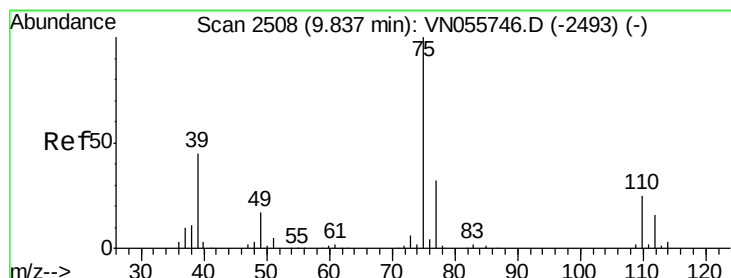
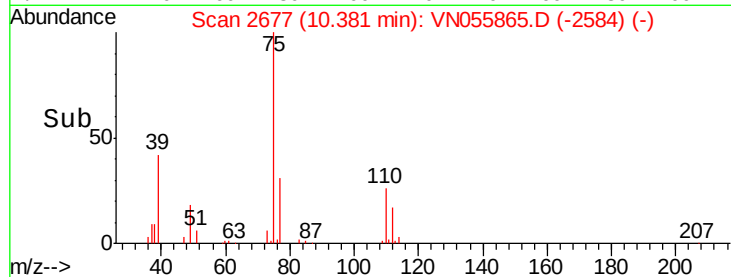
150000

100000

50000

0

Time--> 10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 48.674 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

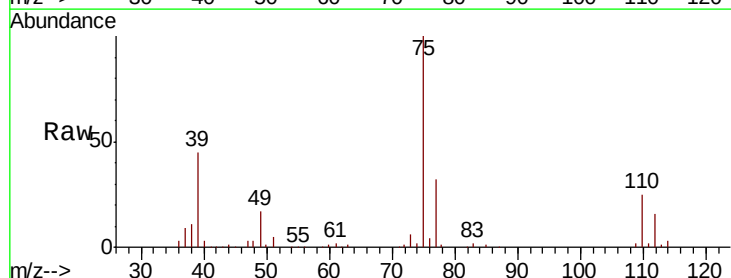
Tgt Ion: 75 Resp: 259405

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 45.3 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

9.84

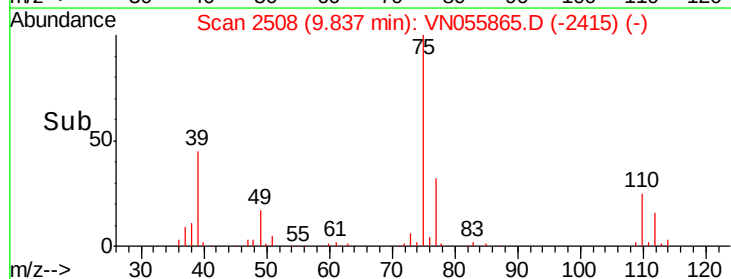
150000

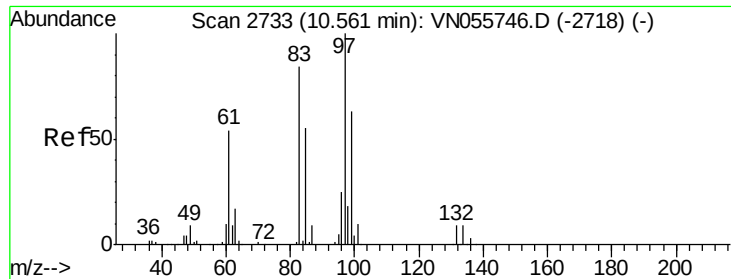
100000

50000

0

Time--> 9.75 9.80 9.85 9.90

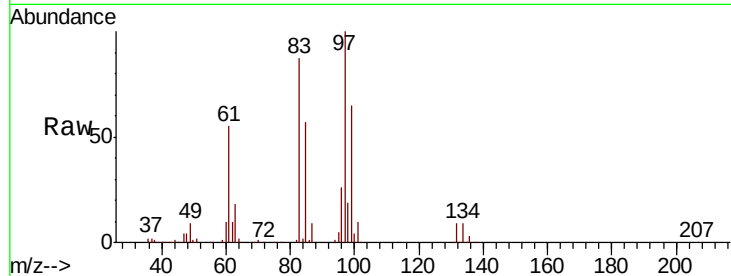




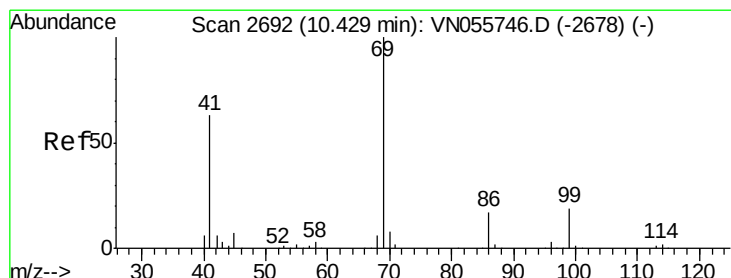
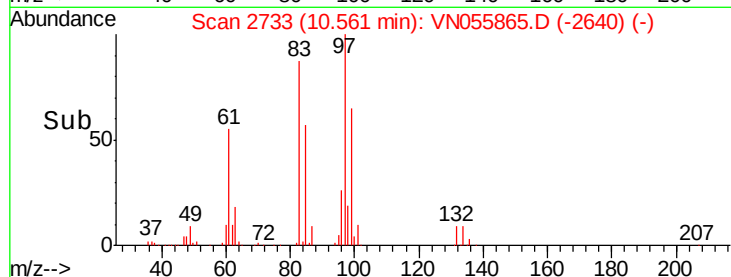
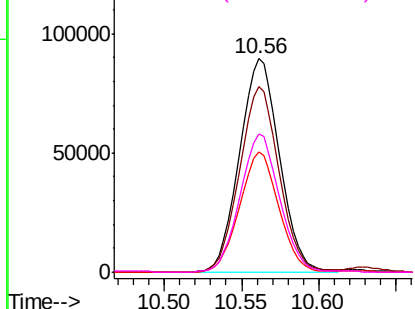
#55
 1,1,2-Trichloroethane
 Concen: 49.673 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 97 Resp: 160989
 Ion Ratio Lower Upper
 97 100
 83 86.7 67.0 100.6
 85 56.6 44.0 66.0
 99 64.3 50.6 75.8

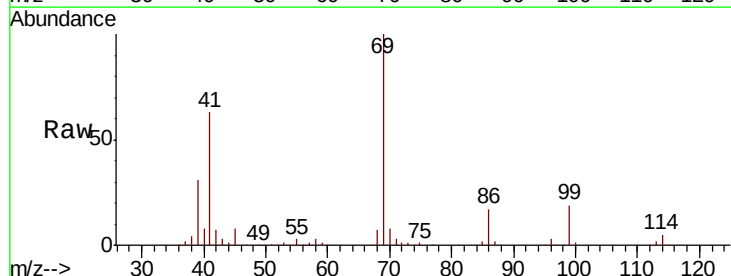


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

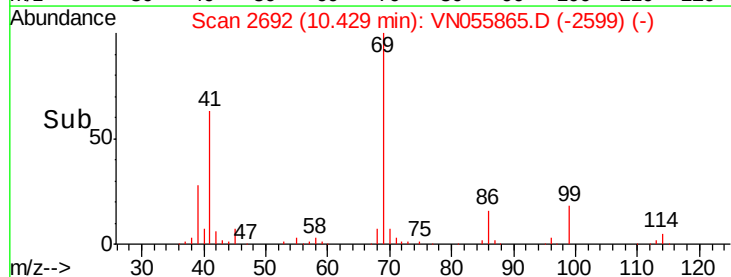
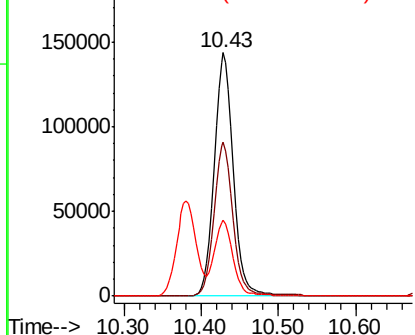


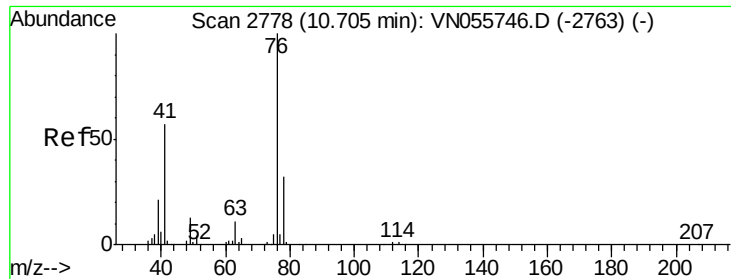
#56
 Ethyl methacrylate
 Concen: 50.416 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 69 Resp: 252530
 Ion Ratio Lower Upper
 69 100
 41 61.9 49.7 74.5
 39 30.3 24.7 37.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

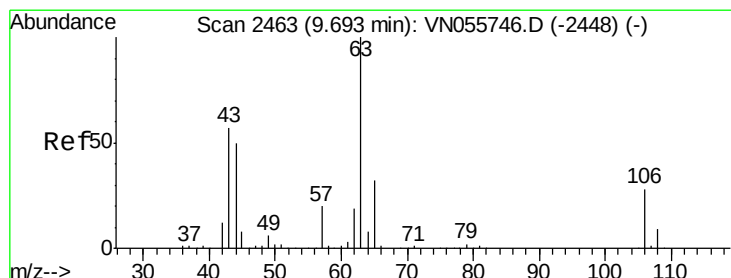
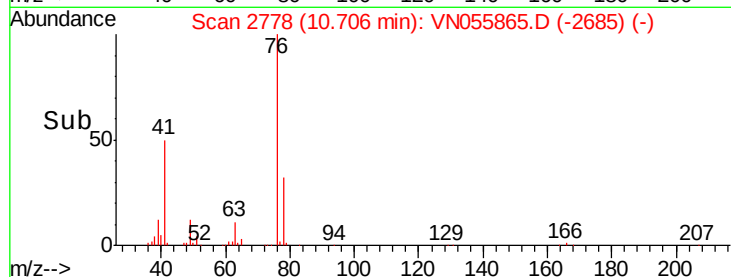
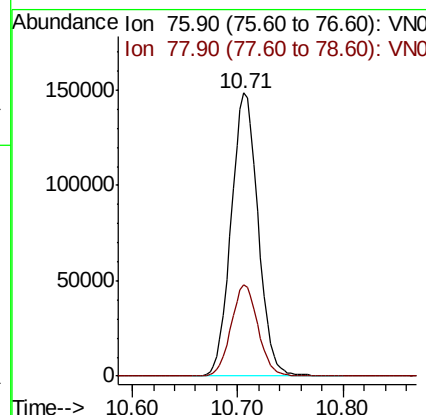
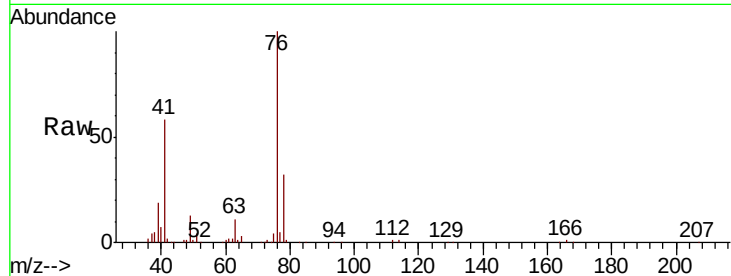




#57
 1,3-Dichloropropane
 Concen: 49.830 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

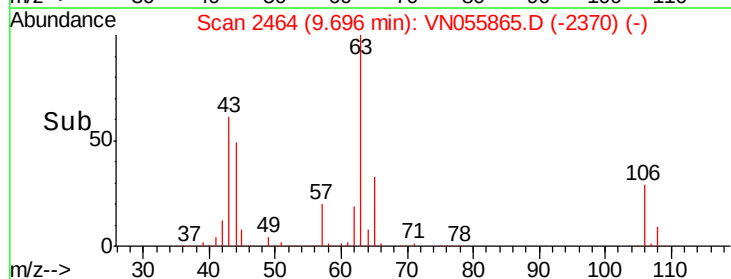
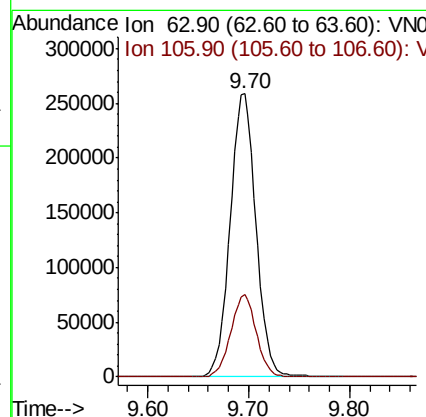
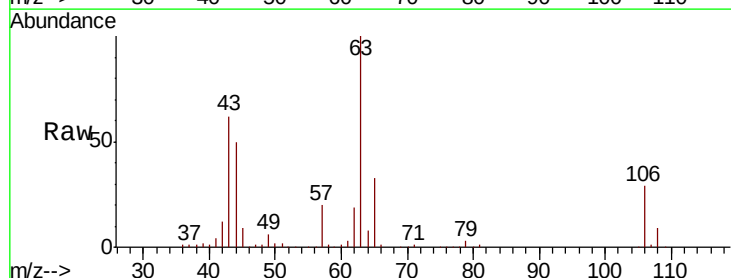
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

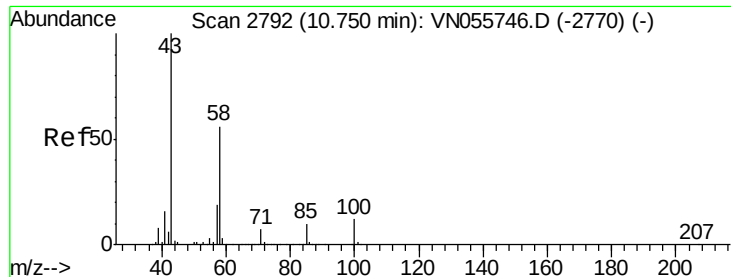
Tot Ion: 76 Resp: 262515
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.695 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 63 Resp: 462650
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

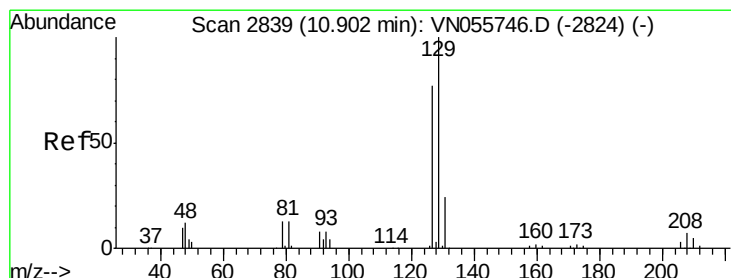
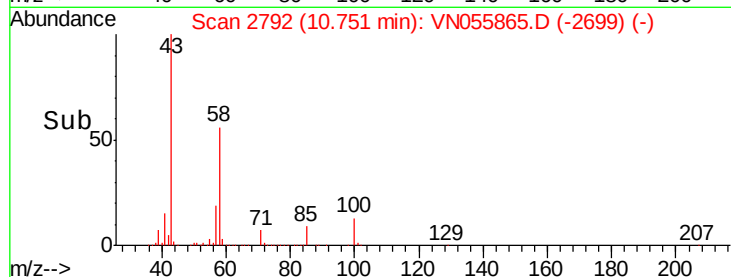
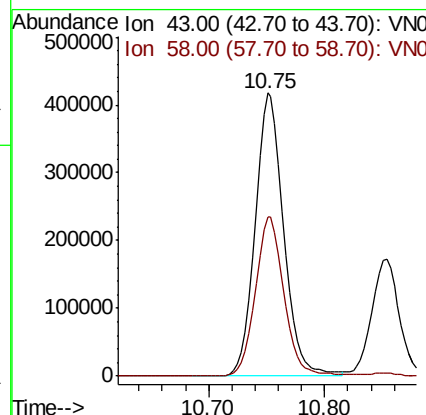
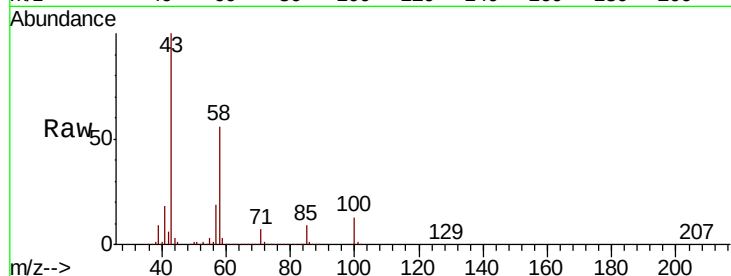




#59
2-Hexanone
Concen: 246.256 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

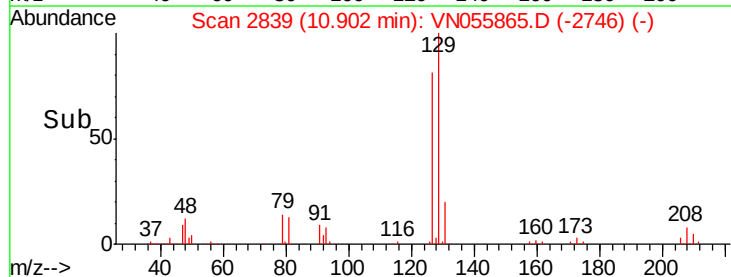
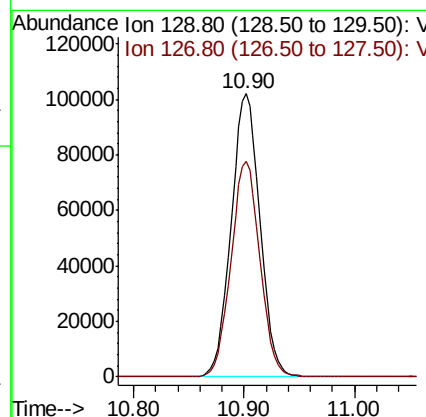
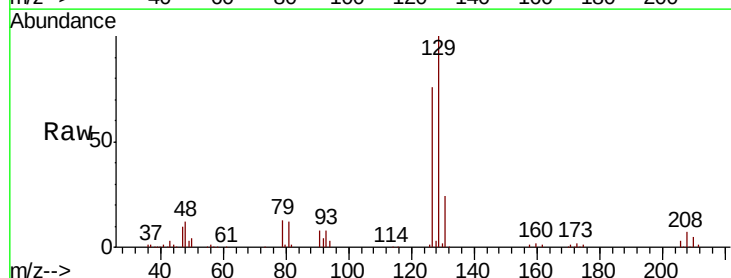
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

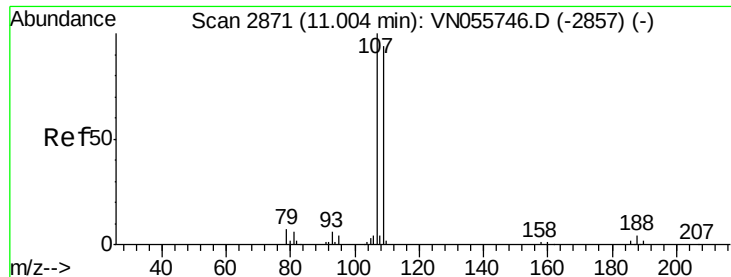
Tot Ion: 43 Resp: 715111
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 48.867 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 129 Resp: 184500
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3

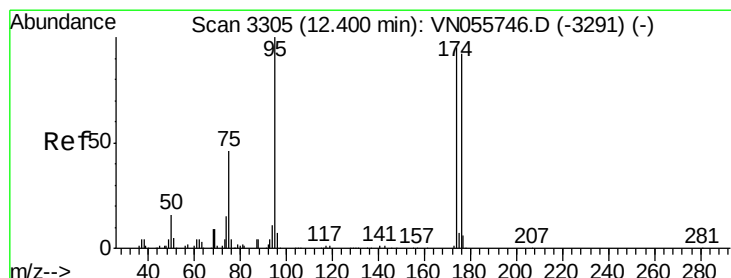
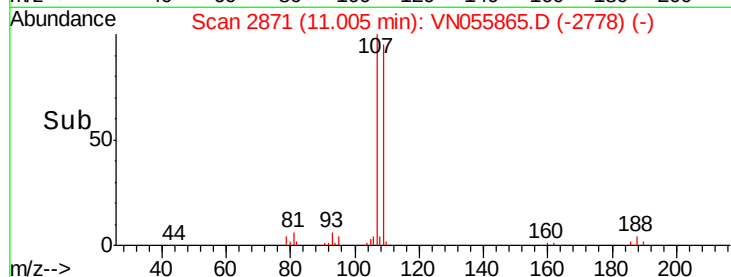
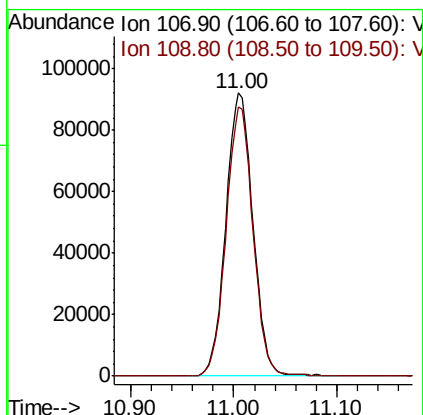
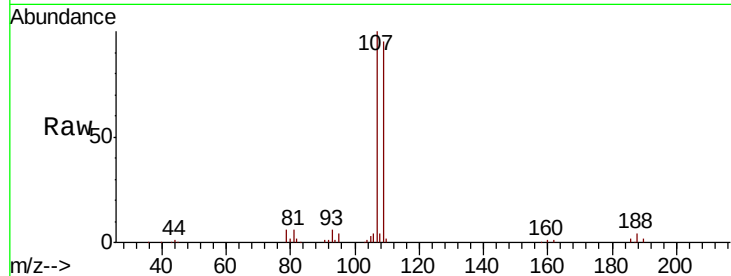




#61
 1,2-Dibromoethane
 Concen: 50.213 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

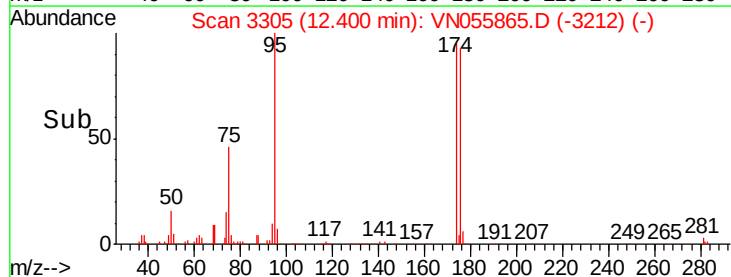
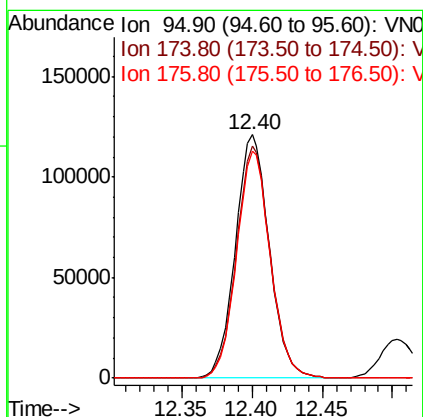
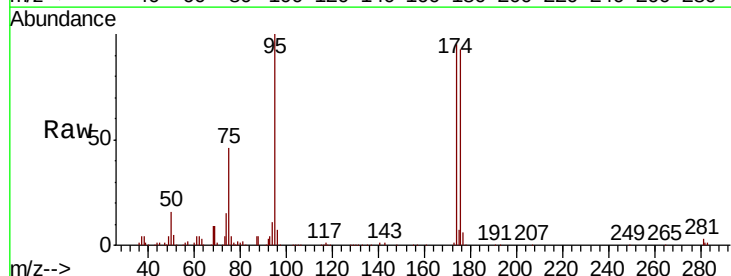
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

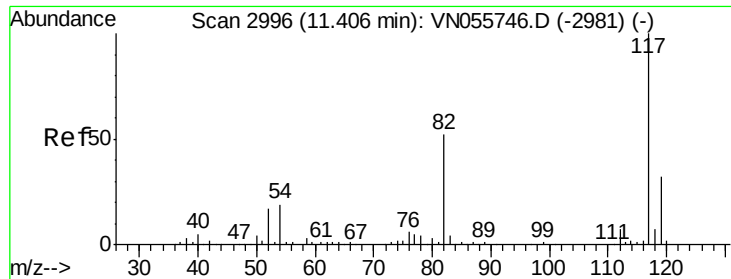
Tot Ion:107 Resp: 168801
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.099 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion: 95 Resp: 204043
 Ion Ratio Lower Upper
 95 100
 174 94.8 0.0 191.0
 176 92.4 0.0 185.2

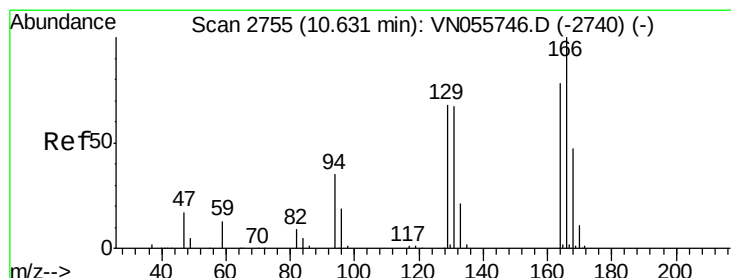
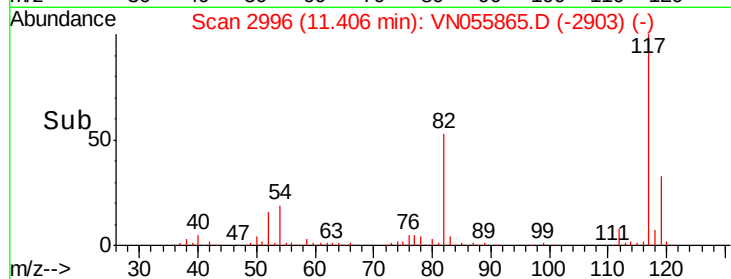
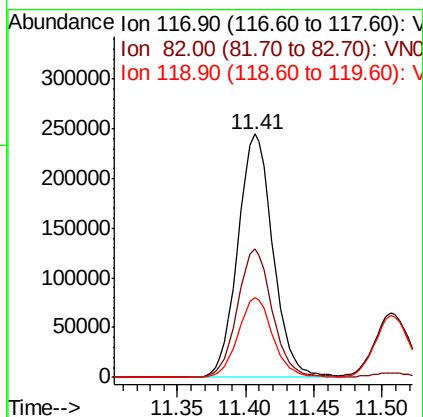
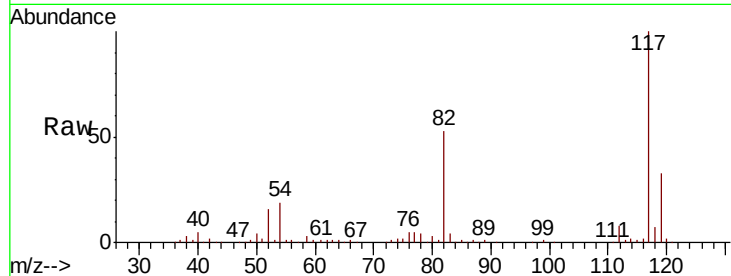




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

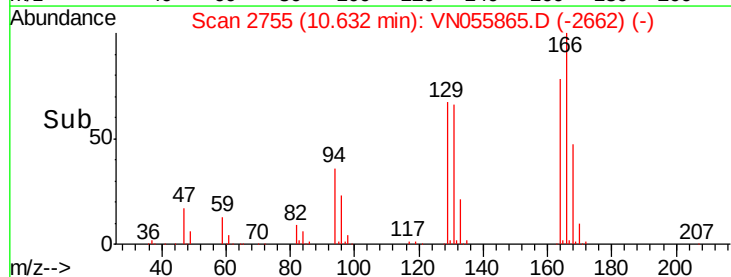
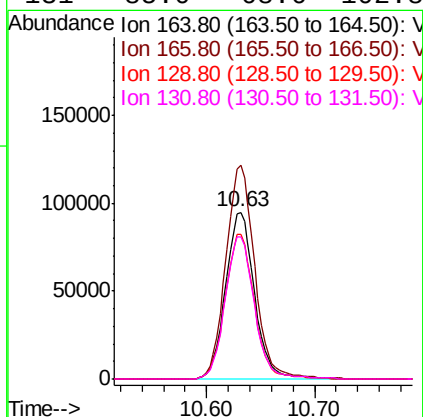
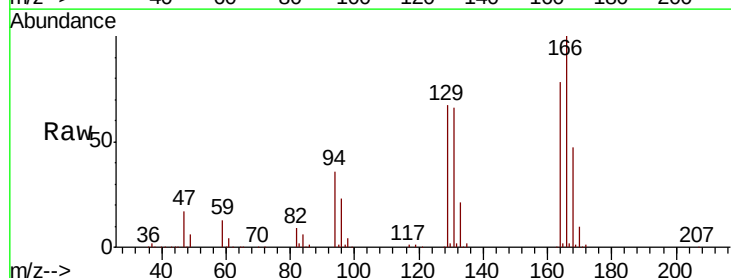
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

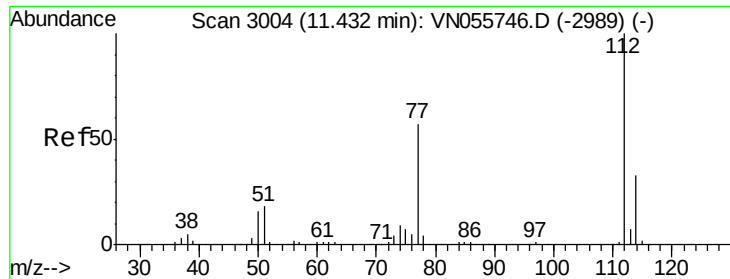
Tot Ion:117 Resp: 437332
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 48.192 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion:164 Resp: 177760
Ion Ratio Lower Upper
164 100
166 128.3 103.0 154.6
129 86.5 70.6 105.8
131 85.0 68.6 102.8

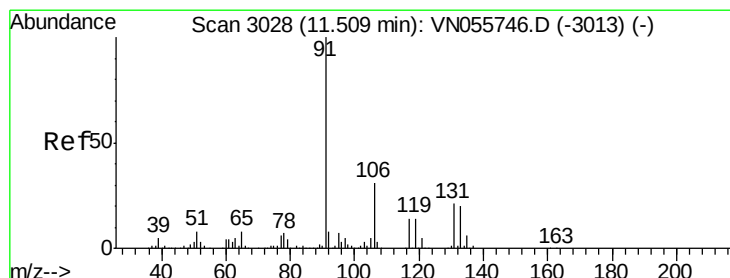
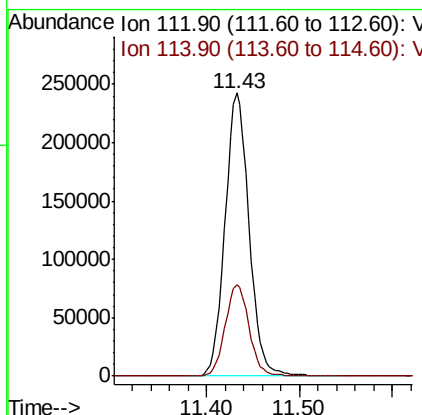
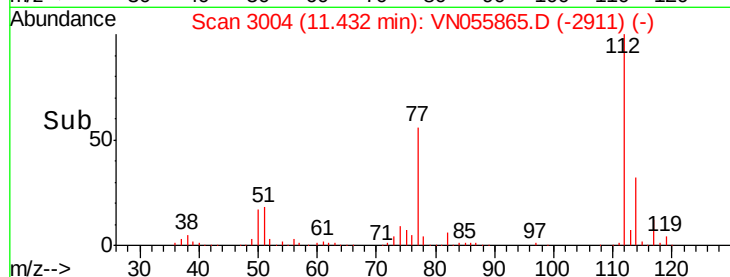
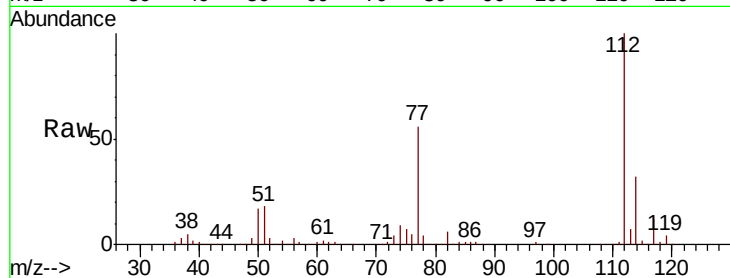




#65
Chlorobenzene
Concen: 49.697 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

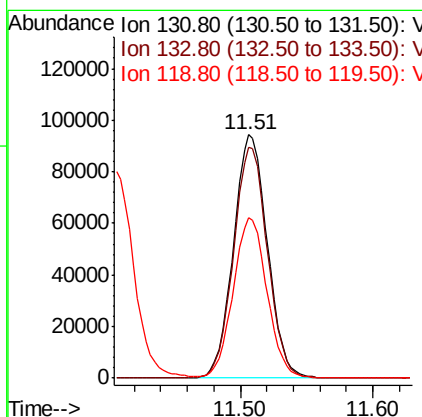
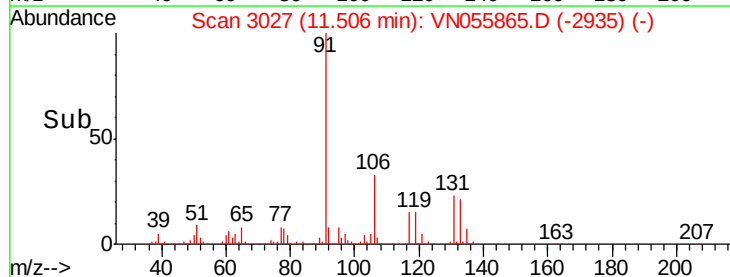
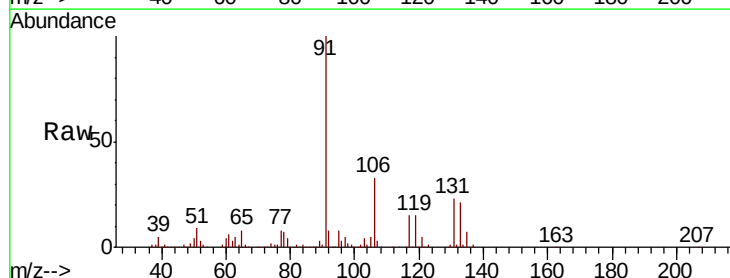
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

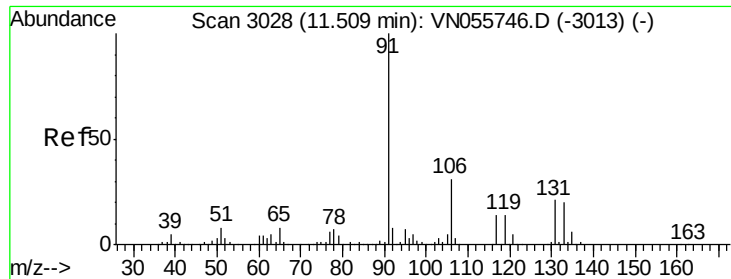
Tot Ion:112 Resp: 435089
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.966 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion:131 Resp: 167487
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 66.1 33.1 99.5

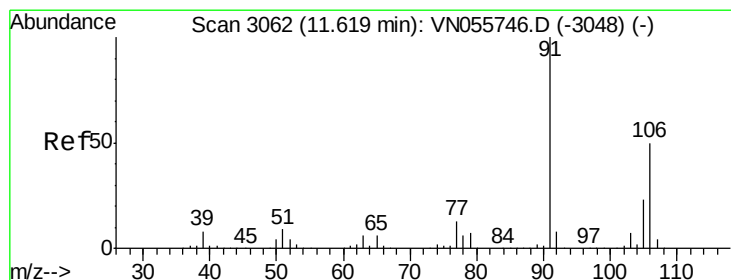
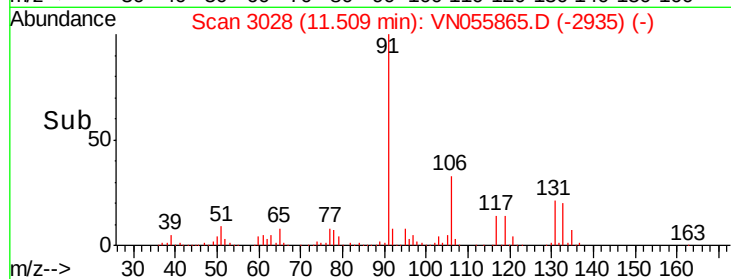
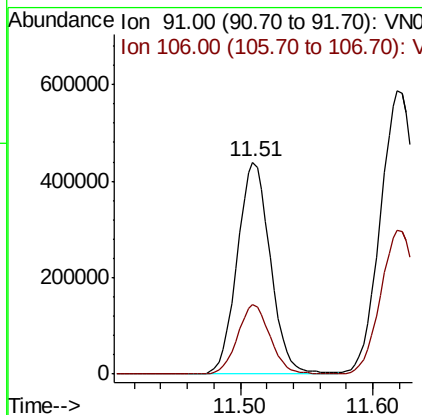
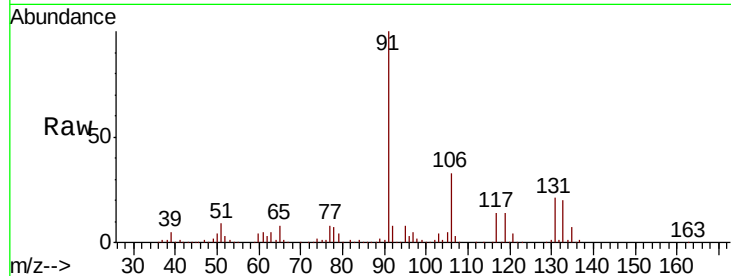




#67
Ethyl Benzene
Concen: 48.525 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

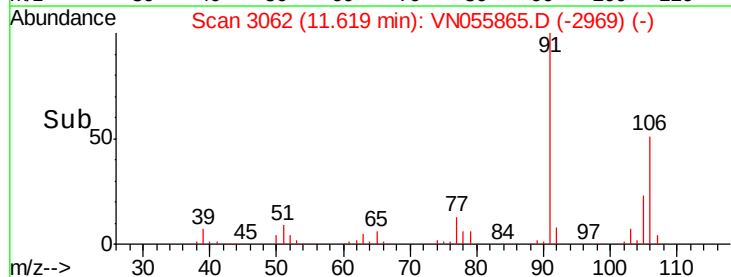
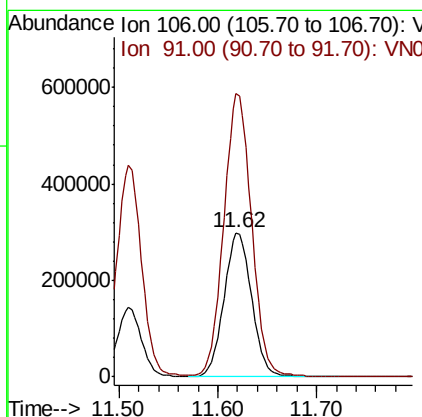
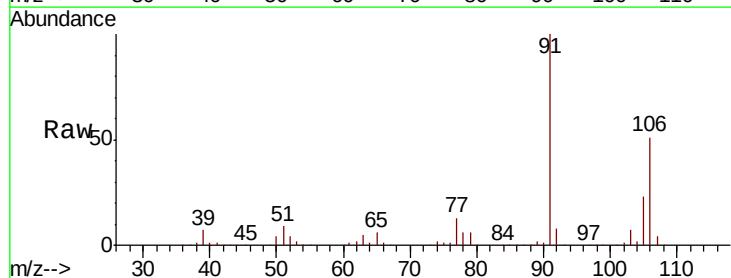
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

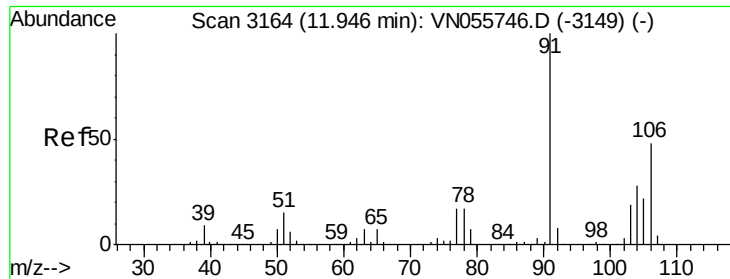
Tot Ion: 91 Resp: 761843
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



#68
m/p-Xylenes
Concen: 99.070 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion: 106 Resp: 588020
Ion Ratio Lower Upper
106 100
91 197.4 159.3 238.9

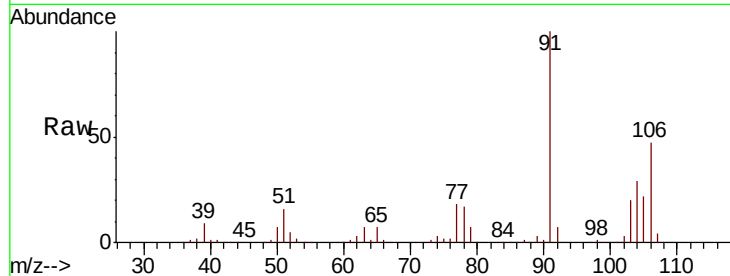




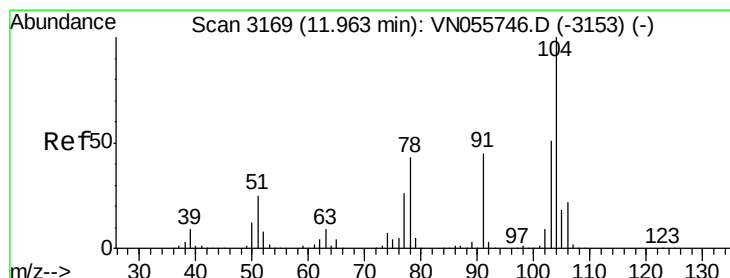
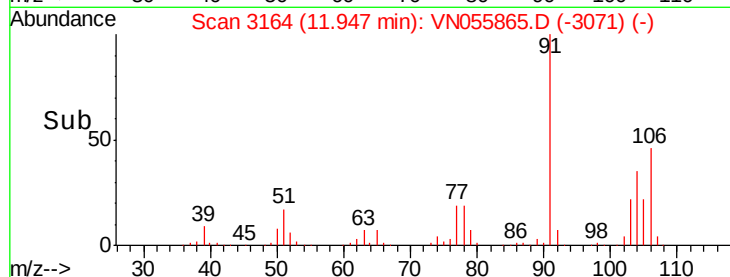
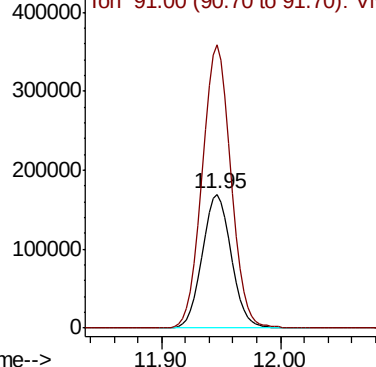
#69
o-Xylene
Concen: 48.687 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 286701
Ion Ratio Lower Upper
106 100
91 209.3 104.7 314.1

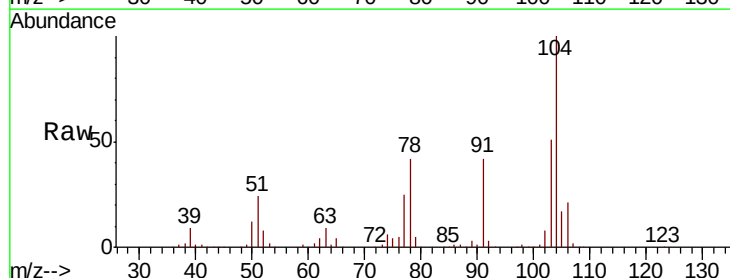


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

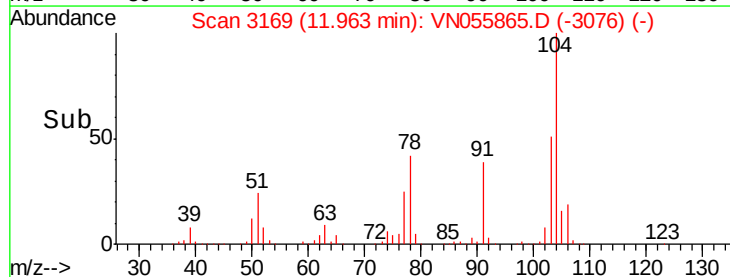
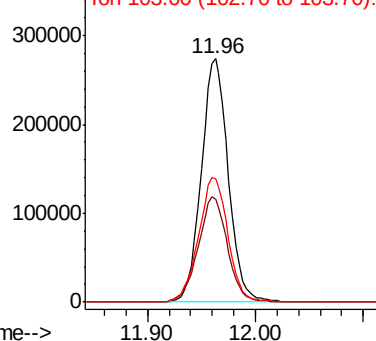


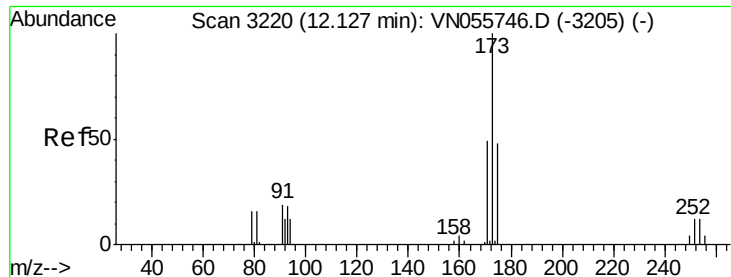
#70
Styrene
Concen: 50.055 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055865.D
Acq: 29 May 2019 9:49

Tgt Ion:104 Resp: 477334
Ion Ratio Lower Upper
104 100
78 47.0 37.8 56.6
103 55.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.209 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

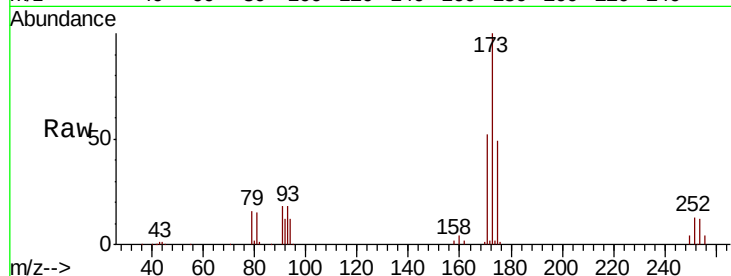
Tot Ion:173 Resp: 137626

Ion Ratio Lower Upper

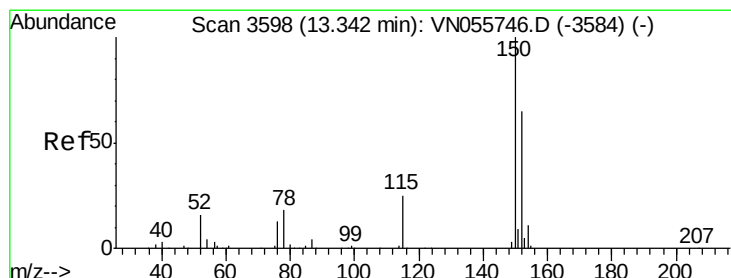
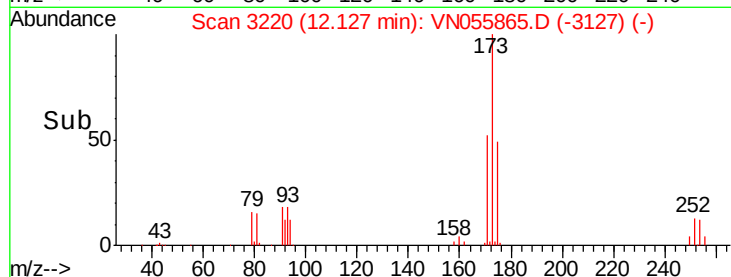
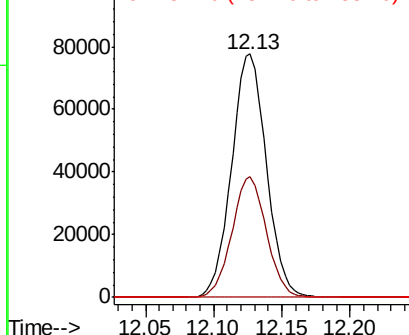
173 100

175 49.0 24.3 72.8

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

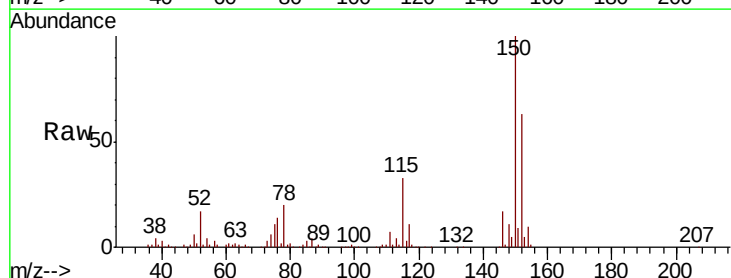
Tgt Ion:152 Resp: 201117

Ion Ratio Lower Upper

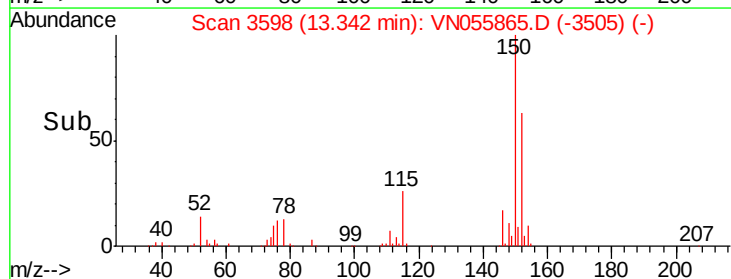
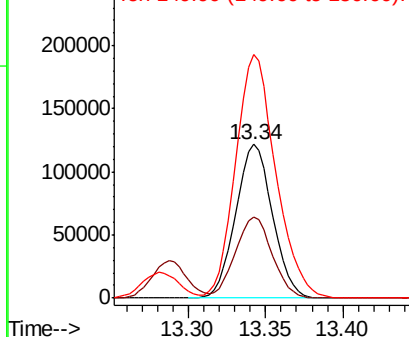
152 100

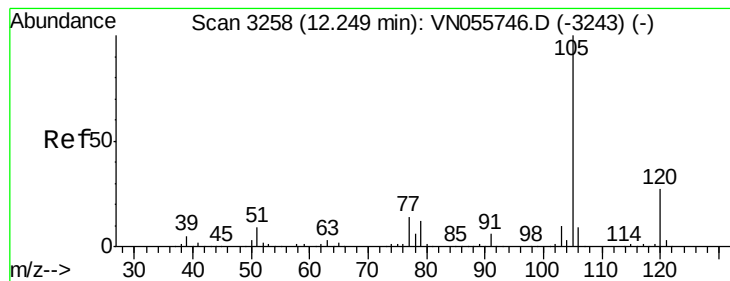
115 52.8 27.0 81.0

150 172.9 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.267 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

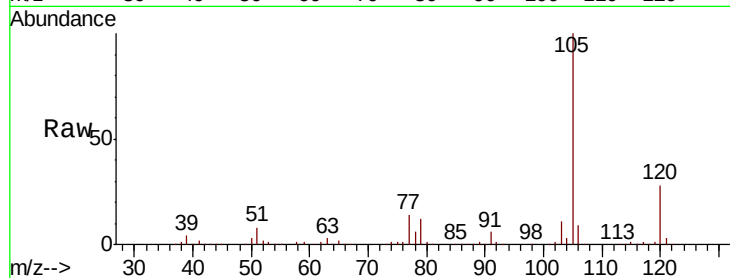
VSTDCCC050

Tot Ion:105 Resp: 759558

Ion Ratio Lower Upper

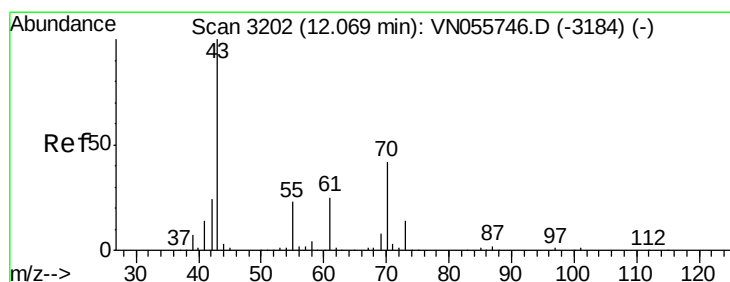
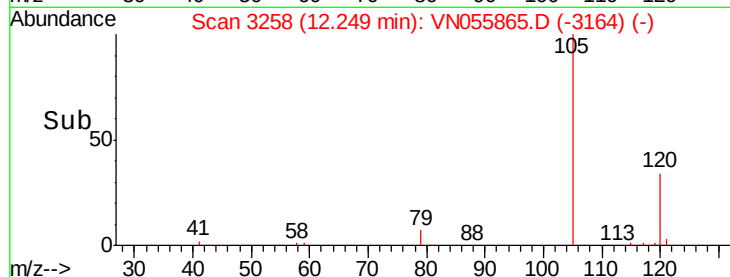
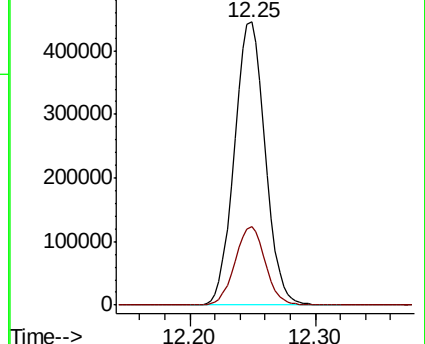
105 100

120 27.2 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: 49.761 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Tgt Ion: 43 Resp: 271063

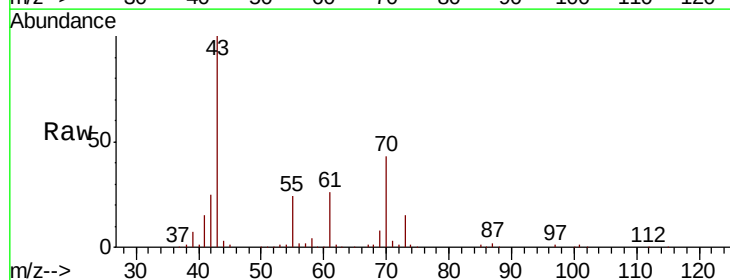
Ion Ratio Lower Upper

43 100

70 43.2 34.0 51.0

55 24.6 18.6 28.0

61 25.2 20.0 30.0

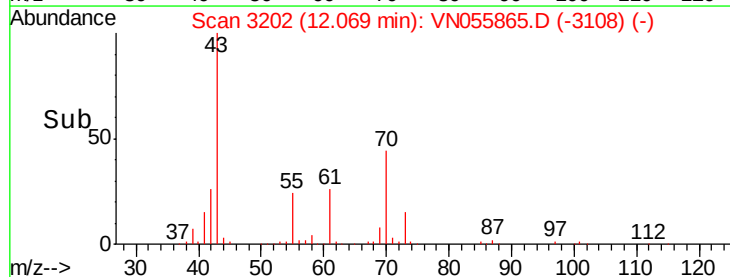
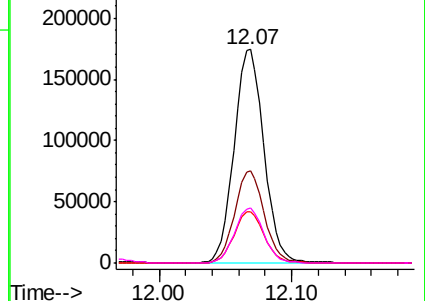


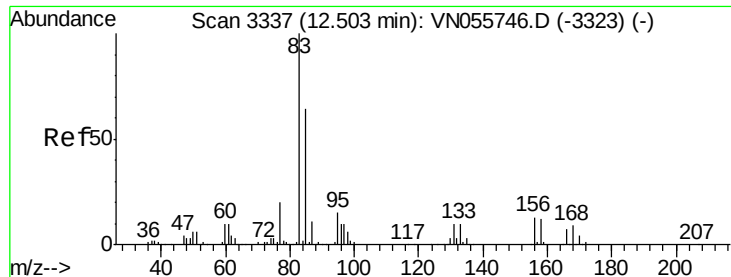
Abundance Ion 43.00 (42.70 to 43.70): V

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: 52.079 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

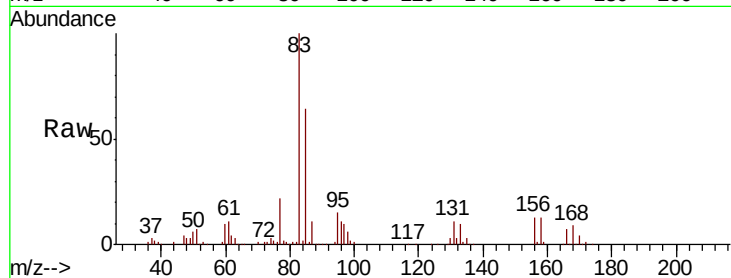
Tot Ion: 83 Resp: 220081

Ion Ratio Lower Upper

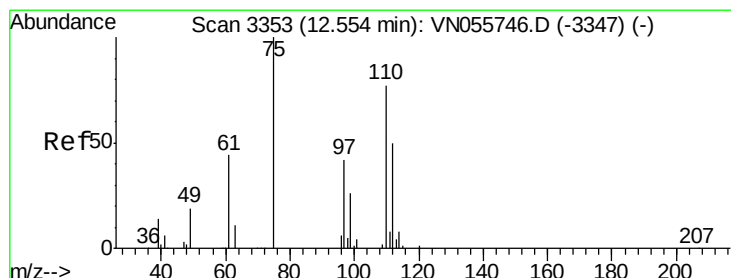
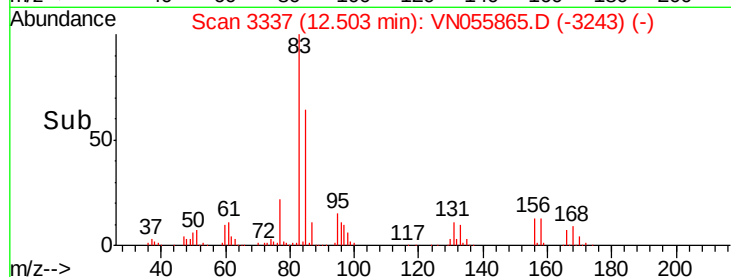
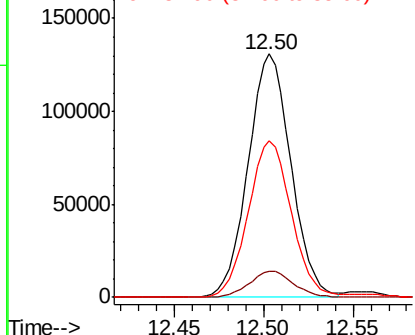
83 100

131 11.0 5.4 16.2

85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 79.093 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055865.D

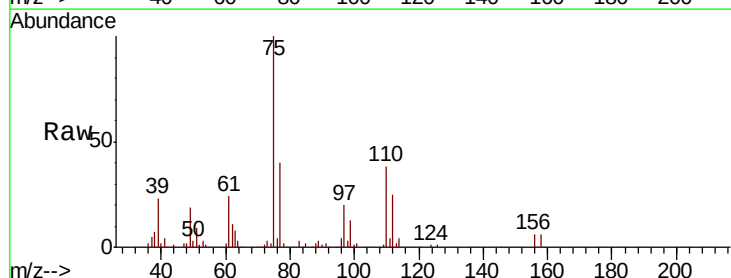
Acq: 29 May 2019 9:49

Tgt Ion: 75 Resp: 267557

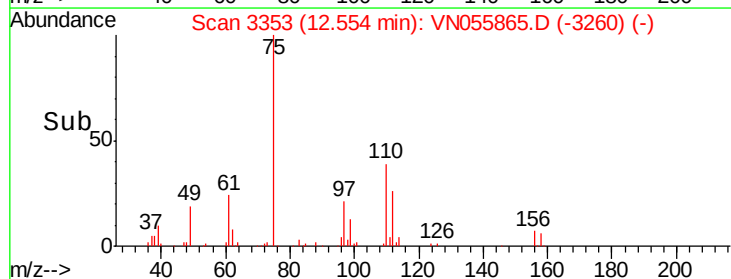
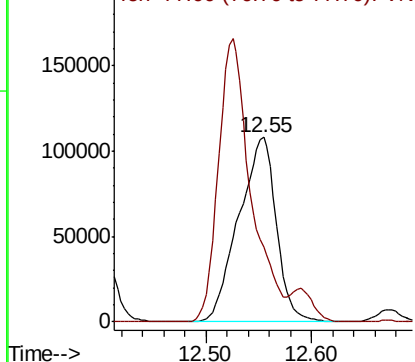
Ion Ratio Lower Upper

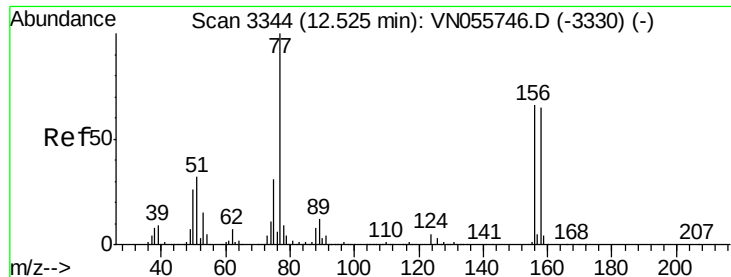
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.200 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

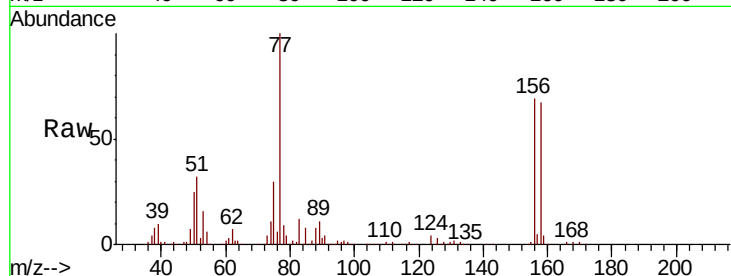
Tot Ion:156 Resp: 202567

Ion Ratio Lower Upper

156 100

77 175.5 90.8 272.5

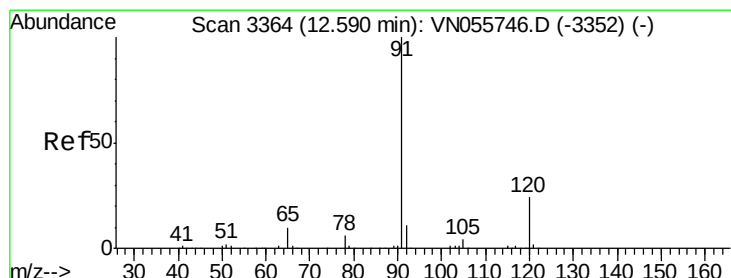
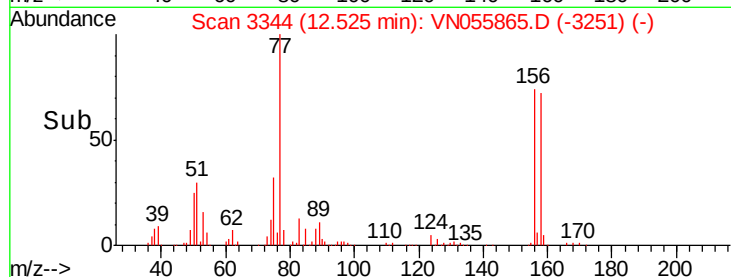
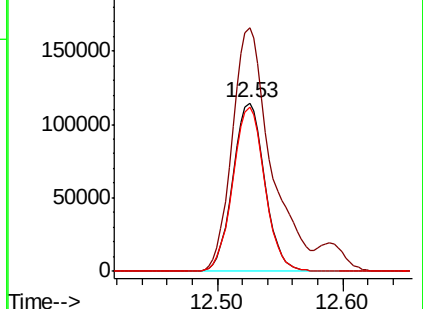
158 97.6 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.832 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055865.D

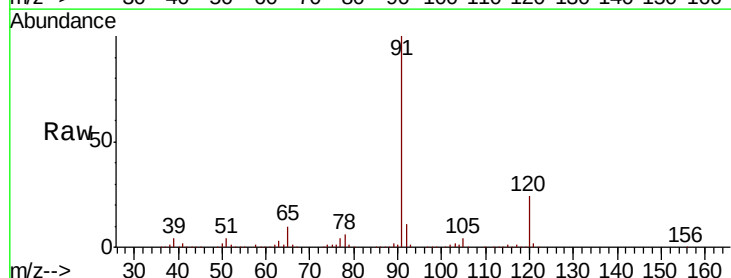
Acq: 29 May 2019 9:49

Tgt Ion: 91 Resp: 818615

Ion Ratio Lower Upper

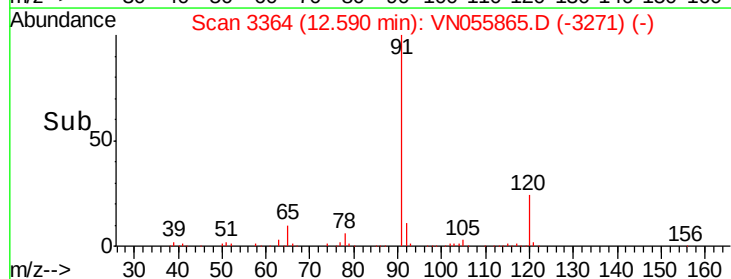
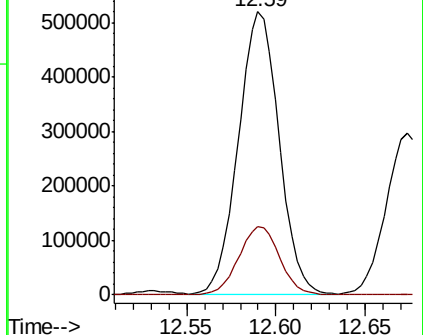
91 100

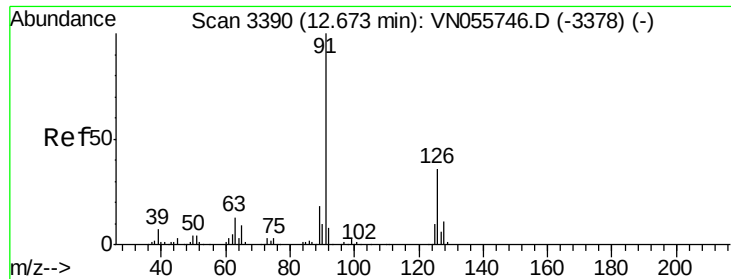
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.672 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

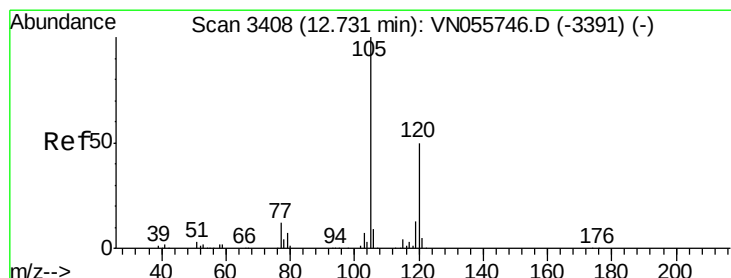
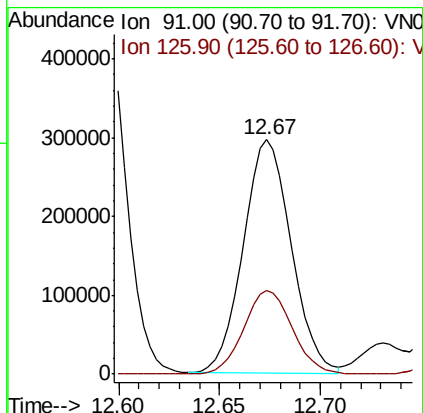
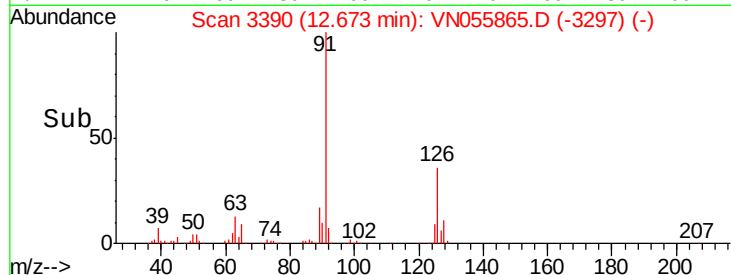
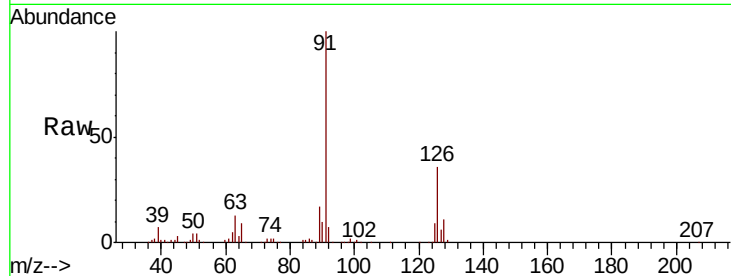
VSTDCCC050

Tot Ion: 91 Resp: 494643

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 52.510 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055865.D

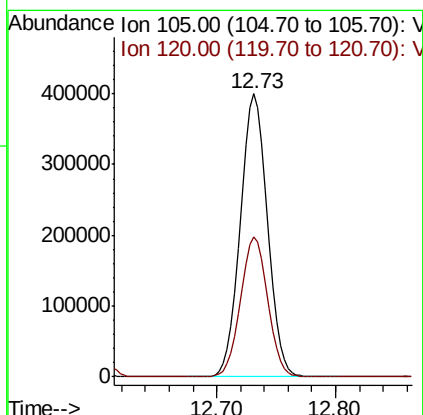
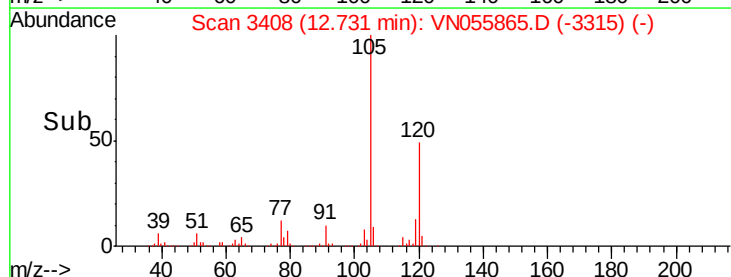
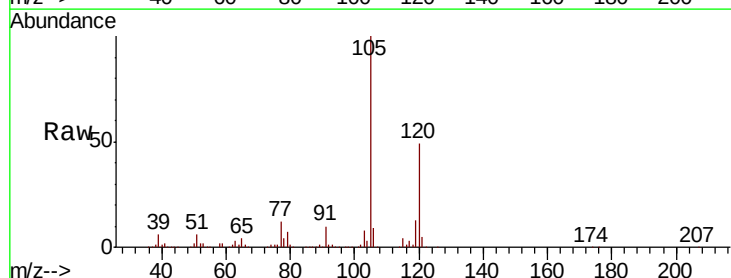
Acq: 29 May 2019 9:49

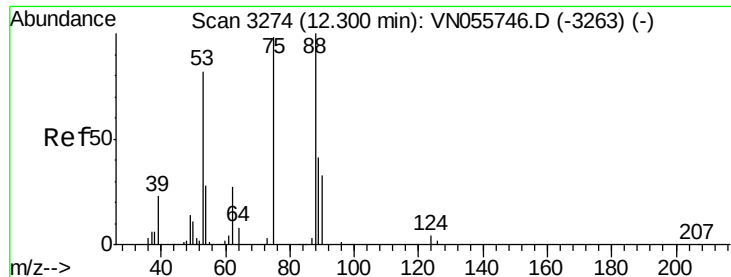
Tgt Ion: 105 Resp: 630780

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 44.037 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

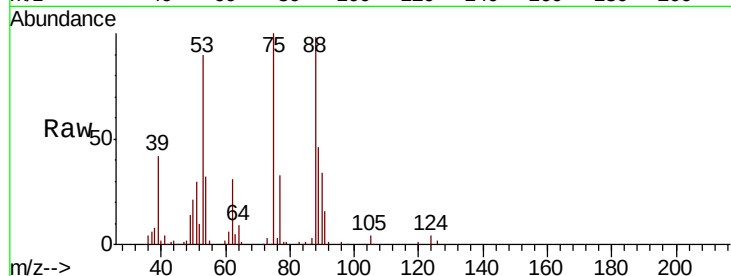
Tot Ion: 75 Resp: 65825

Ion Ratio Lower Upper

75 100

53 90.2 68.1 102.1

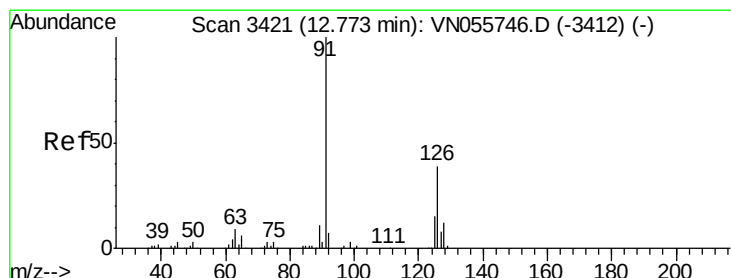
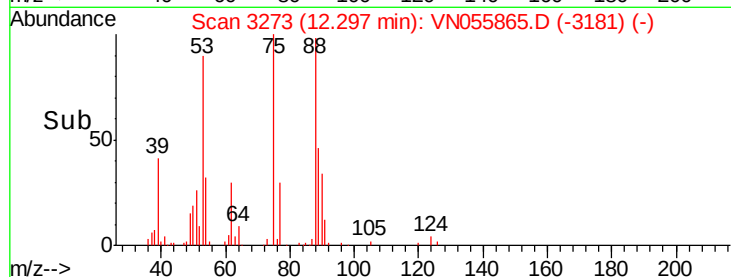
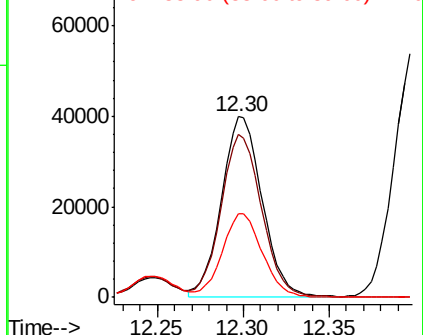
89 45.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.157 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055865.D

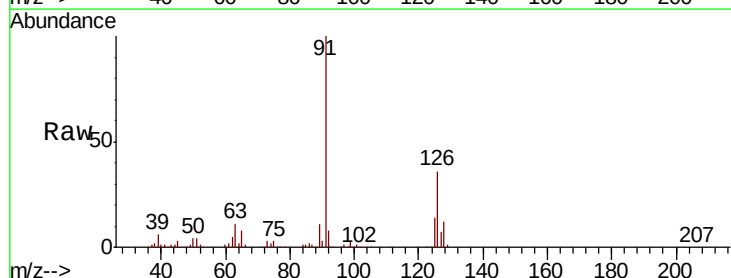
Acq: 29 May 2019 9:49

Tgt Ion: 91 Resp: 484535

Ion Ratio Lower Upper

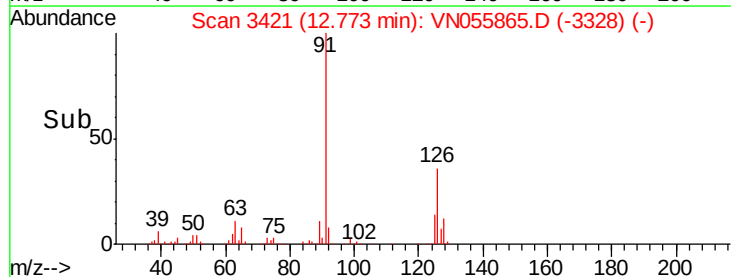
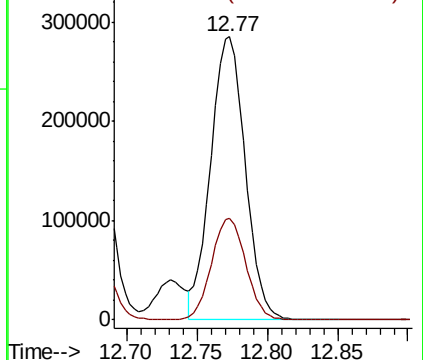
91 100

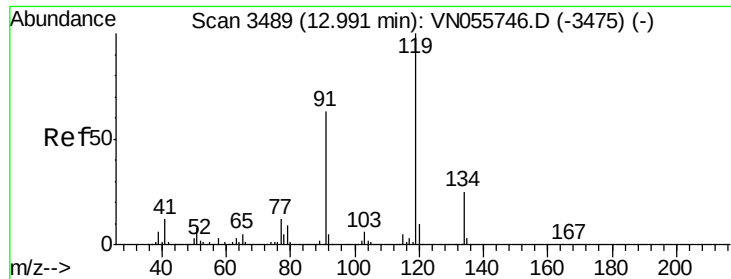
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

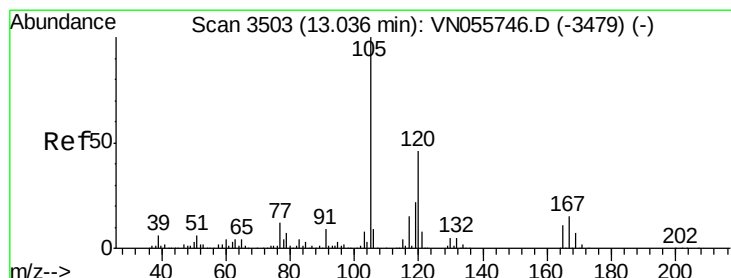
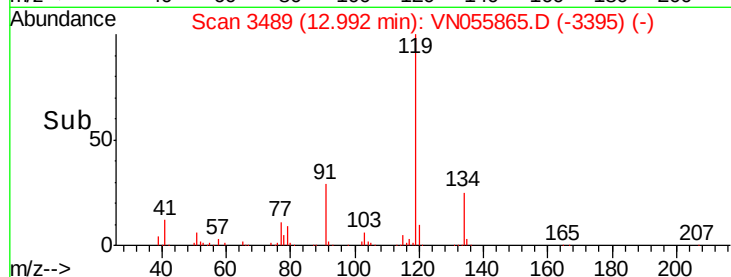
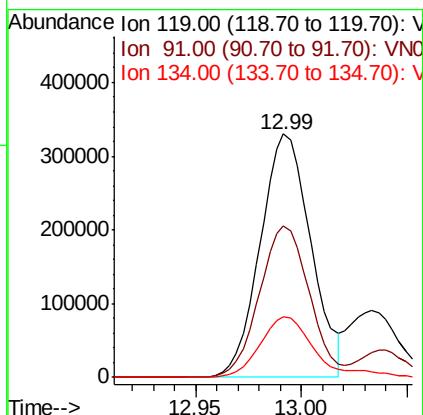
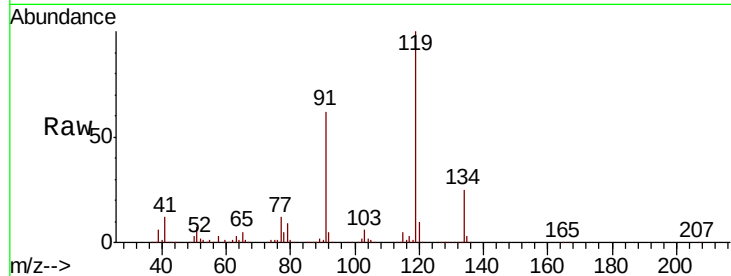




#83
 tert-Butylbenzene
 Concen: 53.223 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

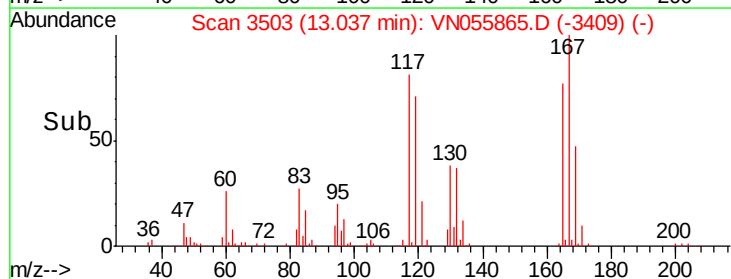
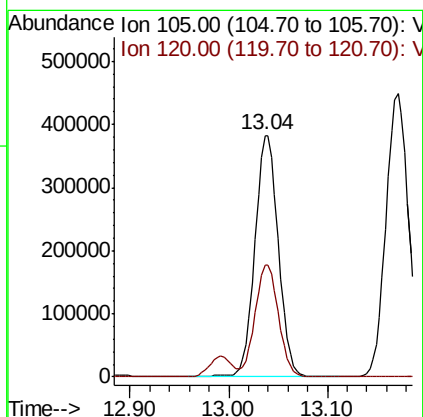
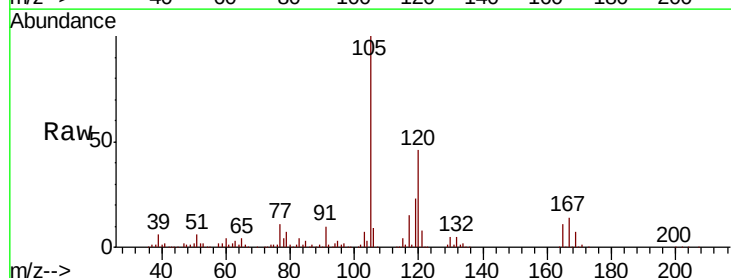
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

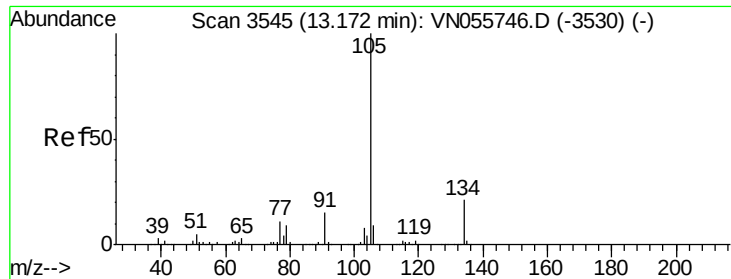
Tot Ion:119 Resp: 551969
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.9 92.8
 134 26.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.940 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion:105 Resp: 623347
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.035 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

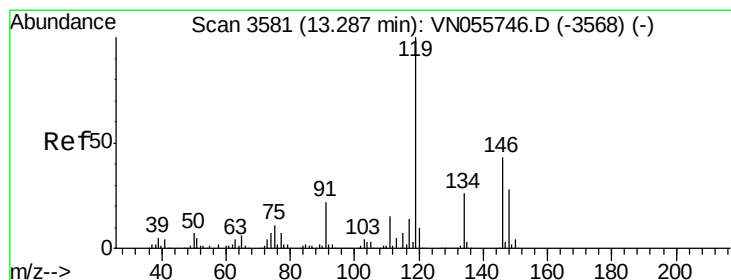
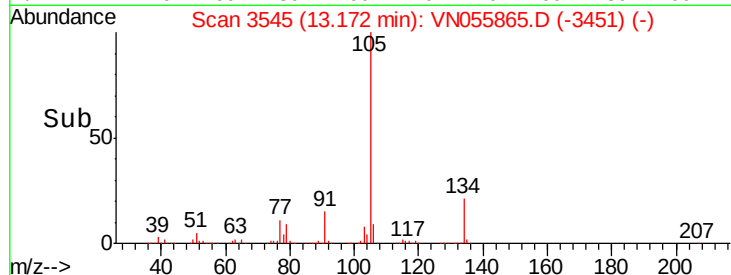
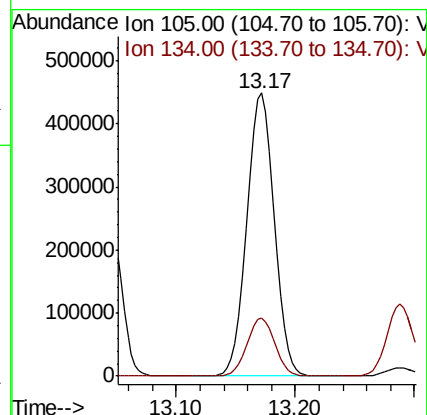
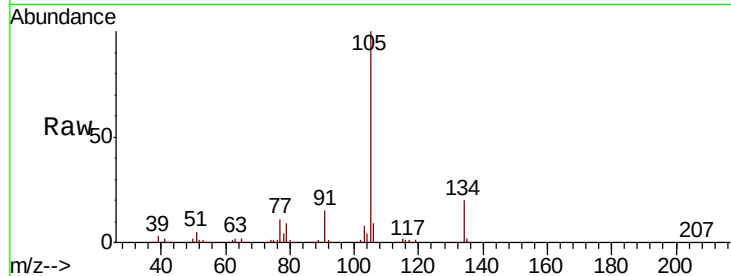
VSTDCCC050

Tot Ion:105 Resp: 716089

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 46.830 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

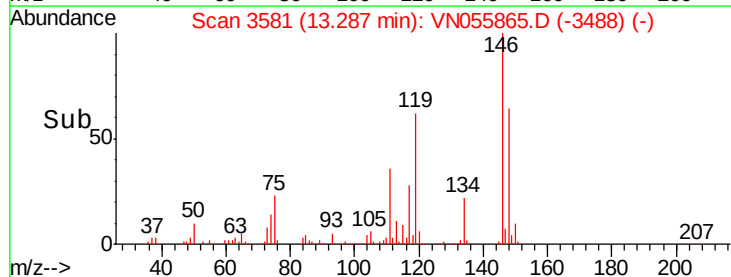
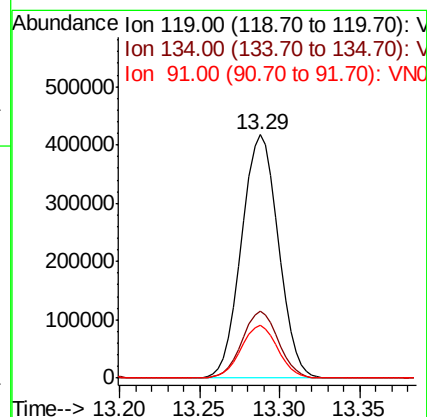
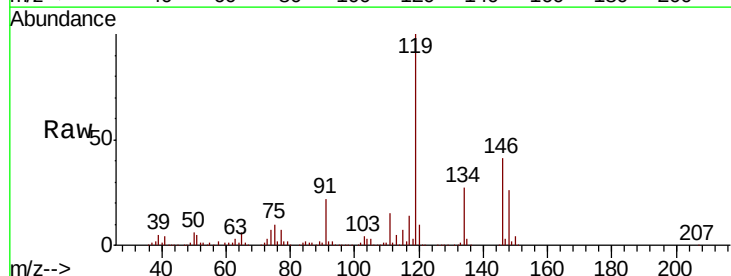
Tgt Ion:119 Resp: 654065

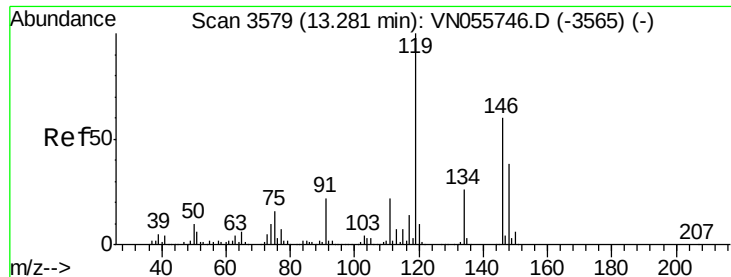
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 21.5 10.9 32.9

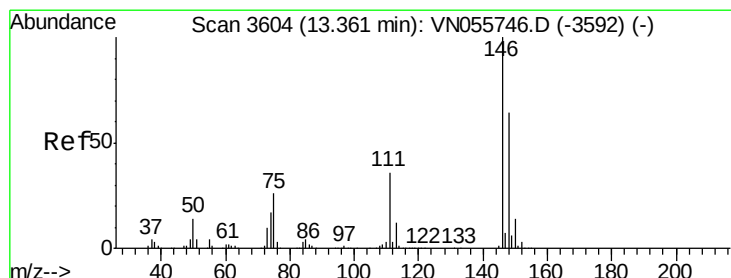
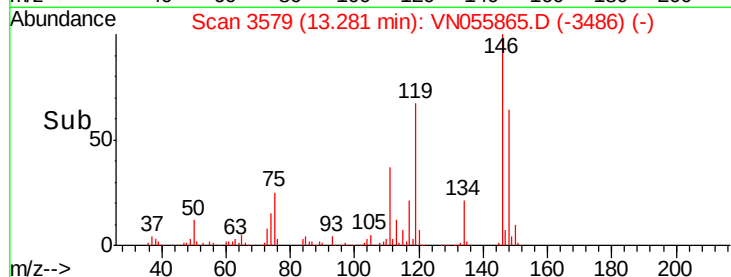
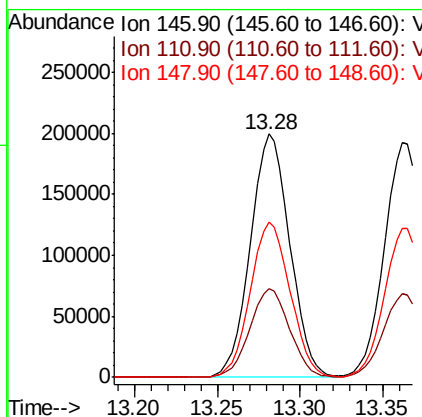
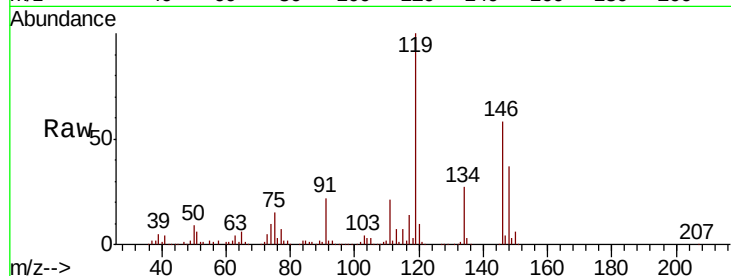




#87
 1,3-Dichlorobenzene
 Concen: 48.578 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

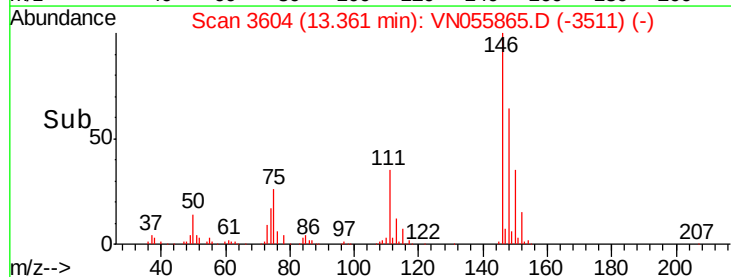
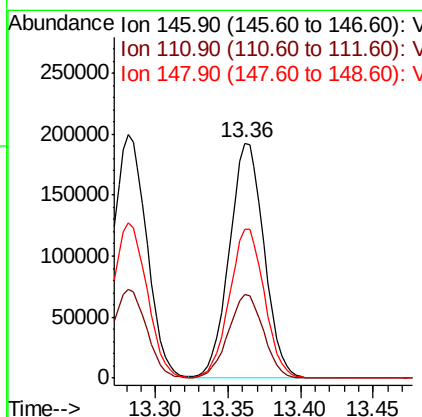
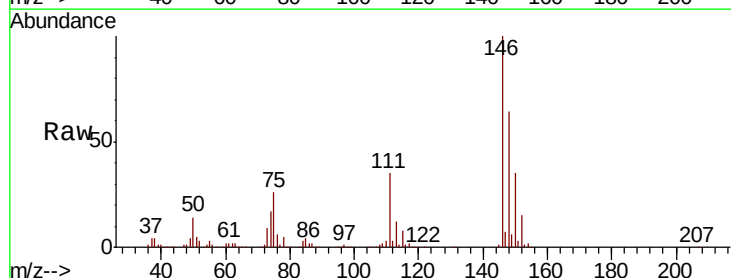
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

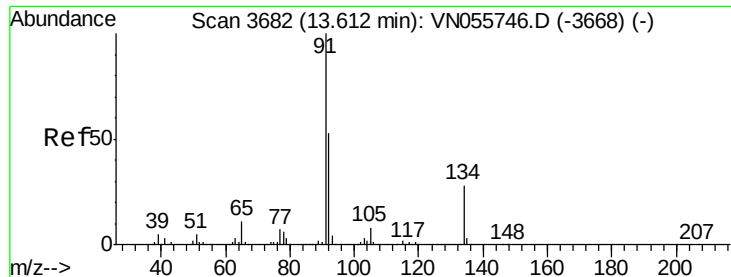
Tot Ion:146 Resp: 330112
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.459 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion:146 Resp: 319547
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.4
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 47.843 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

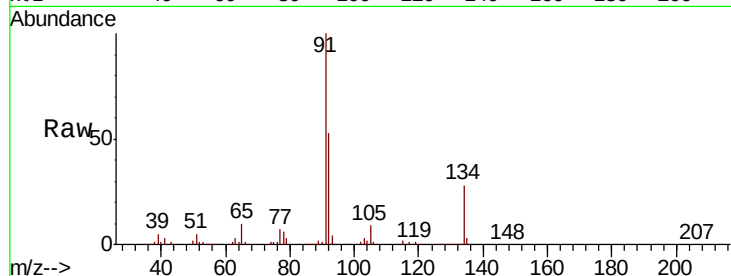
Tot Ion: 91 Resp: 511985

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

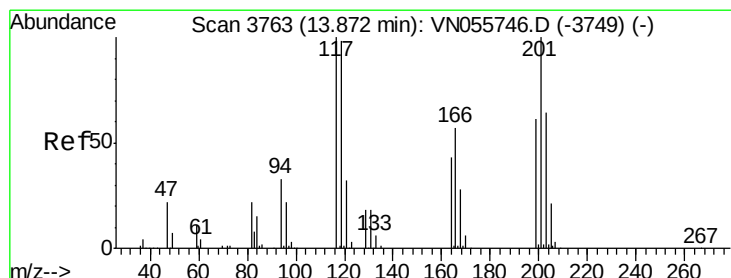
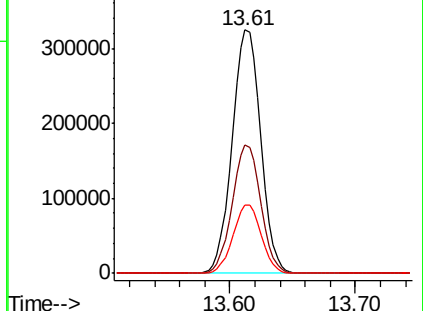
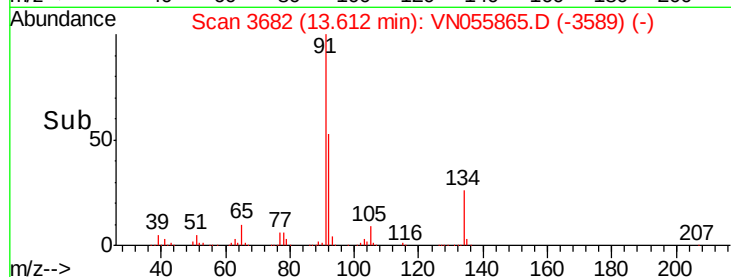
134 27.9 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055746.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055746.D (-3668) (-)



#90

Hexachloroethane

Concen: 43.057 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055865.D

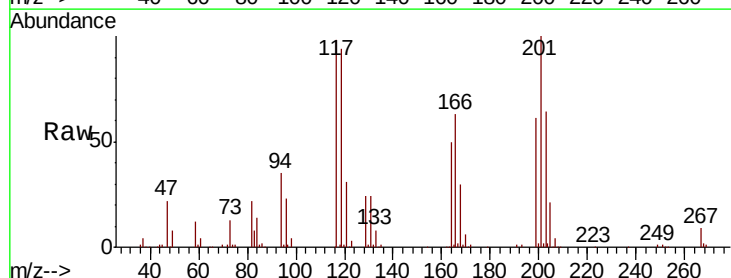
Acq: 29 May 2019 9:49

Tgt Ion: 117 Resp: 114463

Ion Ratio Lower Upper

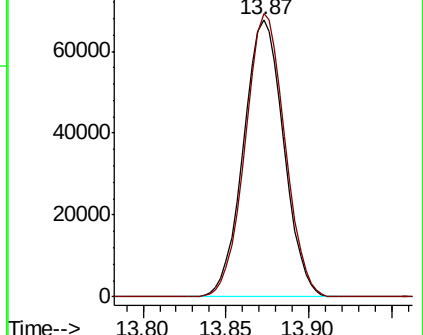
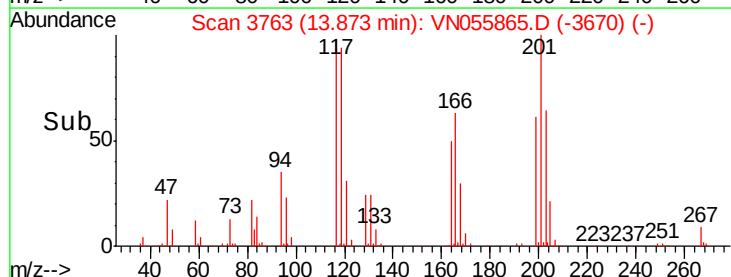
117 100

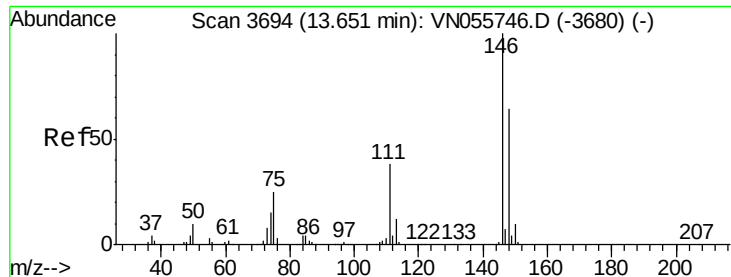
201 100.7 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055746.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055746.D (-3749) (-)

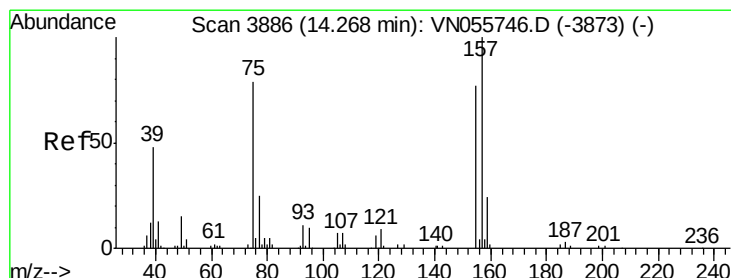
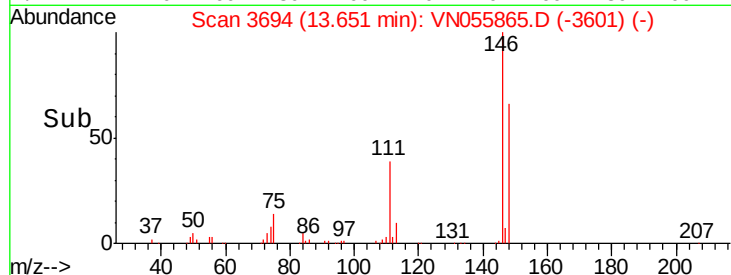
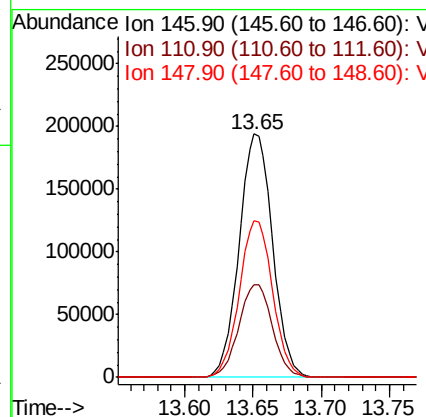
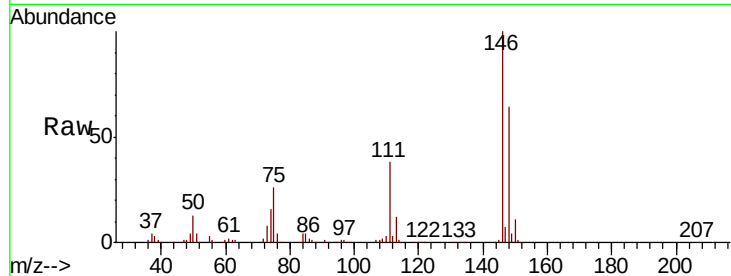




#91
 1,2-Dichlorobenzene
 Concen: 48.643 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

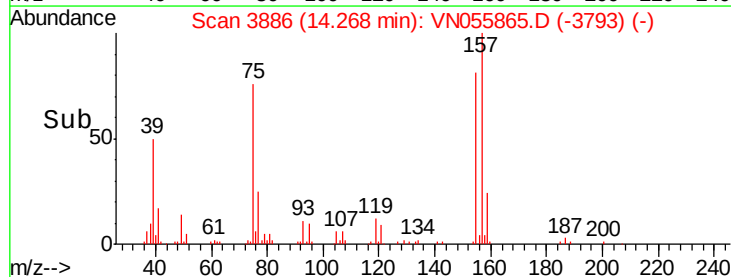
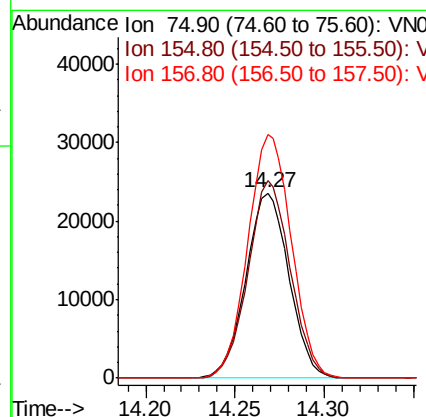
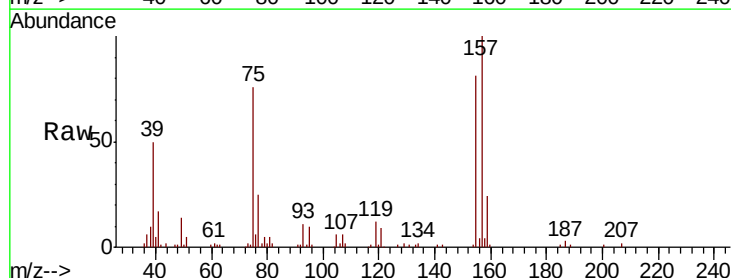
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

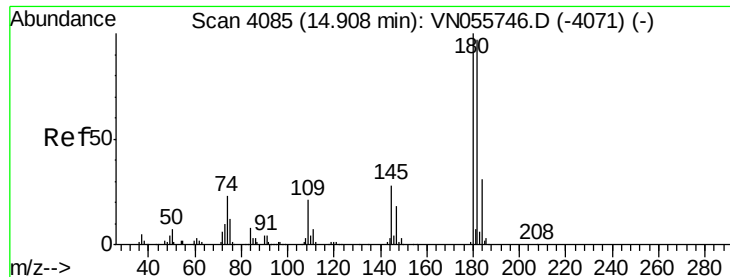
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.677 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055865.D
 Acq: 29 May 2019 9:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.9	50.0	150.1
157	133.3	64.8	194.3





#93

1,2,4-Trichlorobenzene

Concen: 47.358 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

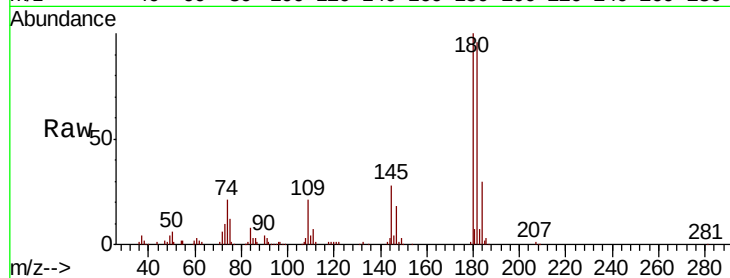
Tot Ion:180 Resp: 183925

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.9

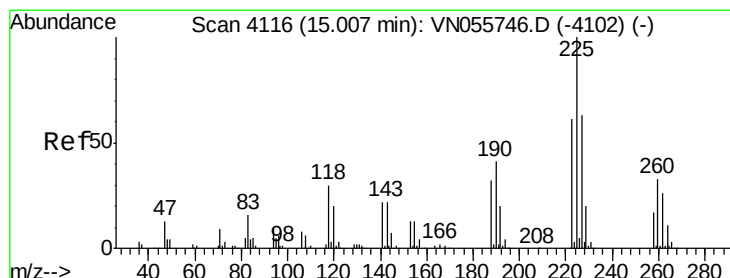
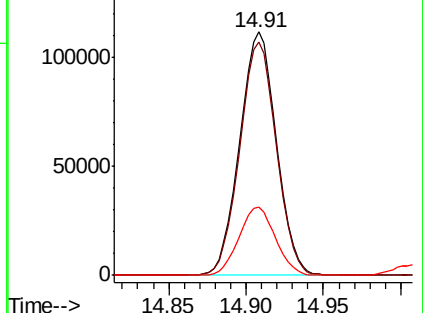
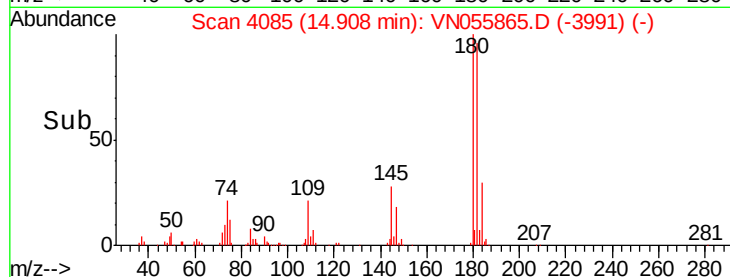
145 27.8 14.0 41.9



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: 51.729 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

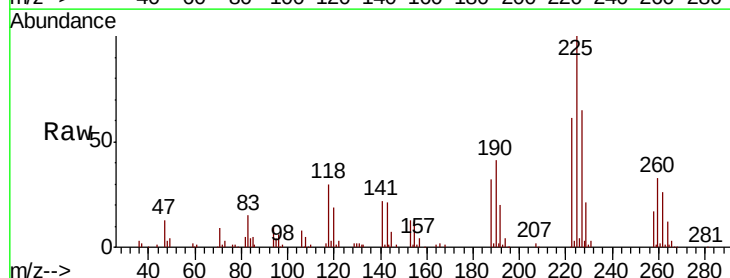
Tgt Ion:225 Resp: 123276

Ion Ratio Lower Upper

225 100

223 62.1 30.9 92.7

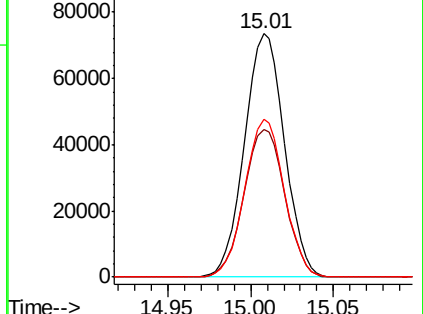
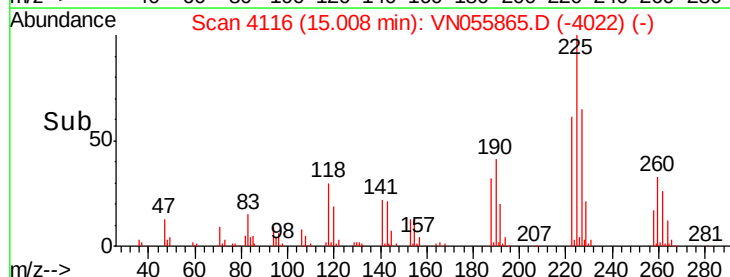
227 63.9 31.6 94.7

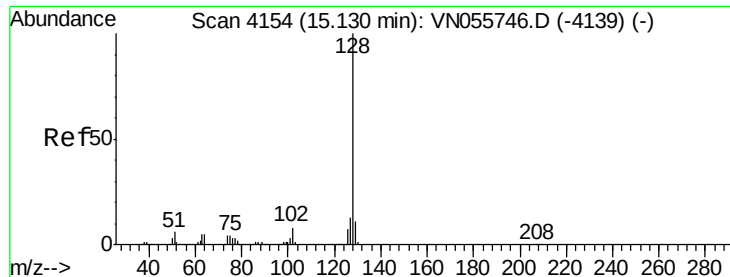


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.758 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

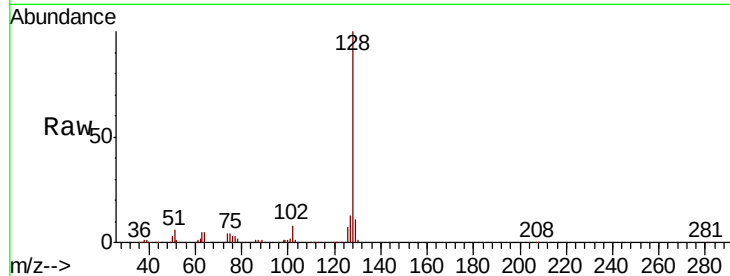
Tot Ion:128 Resp: 490829

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

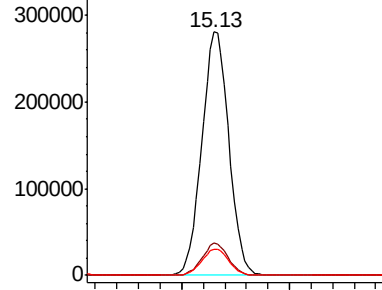
129 10.7 8.7 13.1



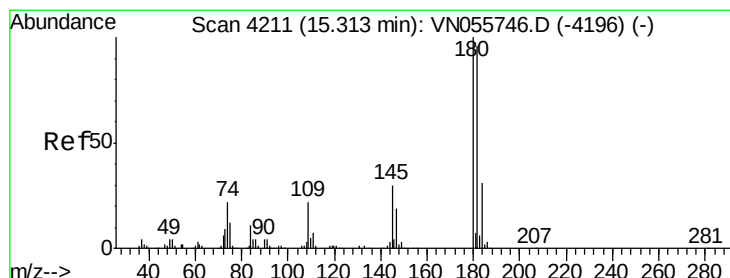
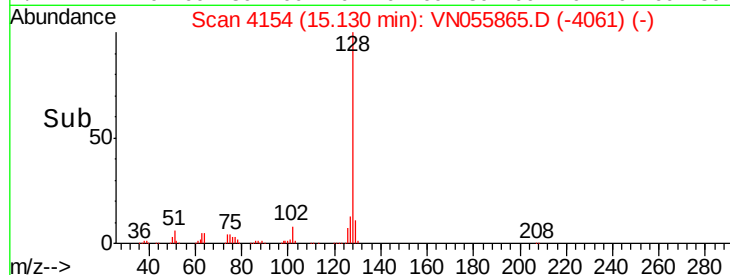
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 54.069 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055865.D

Acq: 29 May 2019 9:49

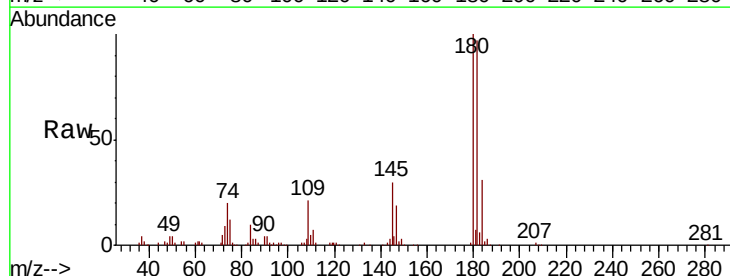
Tgt Ion:180 Resp: 193779

Ion Ratio Lower Upper

180 100

182 97.0 47.9 143.7

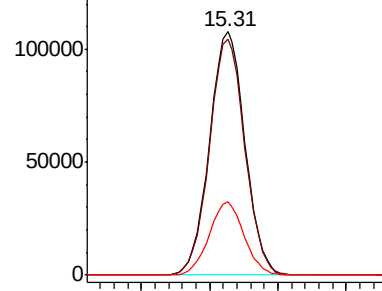
145 29.5 14.9 44.7



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



Time-->

