

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055836.D
 Acq On : 25 May 2019 8:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 26 22:51:28 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	338395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	505053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	180849	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	7.59	113	159265	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.09	98	619165	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	214227	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	102790	45.134	ug/l	99
3) Chloromethane	2.06	50	150078	47.033	ug/l	100
4) Vinyl Chloride	2.18	62	160049	47.026	ug/l	100
5) Bromomethane	2.54	94	108453	50.936	ug/l	97
6) Chloroethane	2.69	64	103778	50.646	ug/l	99
7) Trichlorofluoromethane	3.01	101	215940	48.396	ug/l	98
8) Diethyl Ether	3.40	74	95571	47.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	132068	47.416	ug/l	99
10) Methyl Iodide	3.94	142	218606	53.683	ug/l	100
11) Tert butyl alcohol	4.81	59	159723	239.208	ug/l	98
12) 1,1-Dichloroethene	3.72	96	139624	48.515	ug/l	96
13) Acrolein	3.60	56	97545	204.021	ug/l	97
14) Allyl chloride	4.31	41	215206	43.620	ug/l	100
15) Acrylonitrile	4.99	53	377880	246.457	ug/l	99
16) Acetone	3.82	43	302711	197.054	ug/l	99
17) Carbon Disulfide	4.04	76	357130	43.677	ug/l	99
18) Methyl Acetate	4.33	43	159278	51.027	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	468701	48.831	ug/l	99
20) Methylene Chloride	4.54	84	161312	48.488	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	150780	48.767	ug/l	98
22) Diisopropyl ether	5.95	45	470137	48.994	ug/l	99
23) Vinyl Acetate	5.90	43	1940253	235.831	ug/l	100
24) 1,1-Dichloroethane	5.84	63	270021	48.330	ug/l	99
25) 2-Butanone	6.84	43	485204	226.160	ug/l	100
26) 2,2-Dichloropropane	6.82	77	119258	24.664	ug/l	95
27) cis-1,2-Dichloroethene	6.82	96	180069	49.919	ug/l	94
28) Bromochloromethane	7.19	49	133866	50.325	ug/l	98
29) Tetrahydrofuran	7.21	42	325847	239.837	ug/l	99
30) Chloroform	7.37	83	275578	49.459	ug/l	100
31) Cyclohexane	7.65	56	243554	46.432	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	240033	48.276	ug/l	99
36) 1,1-Dichloropropene	7.79	75	204136	46.381	ug/l	100
37) Ethyl Acetate	6.93	43	203194	47.767	ug/l	99
38) Carbon Tetrachloride	7.77	117	210451	45.904	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	248331	45.563	ug/l	98
40) Benzene	8.04	78	641820	48.385	ug/l	99
41) Methacrylonitrile	7.17	41	82477	38.378	ug/l #	81
42) 1,2-Dichloroethane	8.12	62	205098	47.318	ug/l	100
43) Isopropyl Acetate	8.17	43	332129	46.469	ug/l	100
44) Trichloroethene	8.83	130	183123	49.520	ug/l	100
45) 1,2-Dichloropropane	9.12	63	167981	48.605	ug/l	100
46) Dibromomethane	9.21	93	111503	49.196	ug/l	98
47) Bromodichloromethane	9.40	83	218231	46.956	ug/l	100
48) Methyl methacrylate	9.20	41	164510	49.942	ug/l	98
49) 1,4-Dioxane	9.20	88	63626	929.497	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1017035	240.936	ug/l	100
52) Toluene	10.16	92	409908	49.134	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	214277	43.193	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	240177	43.703	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	164542	49.233	ug/l	99
56) Ethyl methacrylate	10.43	69	255413	49.449	ug/l	100
57) 1,3-Dichloropropane	10.71	76	267383	49.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	457020	231.529	ug/l	100
59) 2-Hexanone	10.75	43	694041	231.769	ug/l	99
60) Dibromochloromethane	10.90	129	185191	47.565	ug/l	99
61) 1,2-Dibromoethane	11.01	107	170691	49.239	ug/l	99
64) Tetrachloroethene	10.63	164	199978	52.301	ug/l	99
65) Chlorobenzene	11.43	112	438397	48.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	169504	46.829	ug/l	100
67) Ethyl Benzene	11.51	91	779120	47.873	ug/l	99
68) m/p-Xylenes	11.62	106	594439	96.615	ug/l	99
69) o-Xylene	11.95	106	291911	47.821	ug/l	99
70) Styrene	11.96	104	487628	49.328	ug/l	100
71) Bromoform	12.13	173	143510	46.483	ug/l #	100
73) Isopropylbenzene	12.25	105	768710	52.042	ug/l	99
74) N-amyl acetate	12.07	43	274705	48.692	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	222145	50.721	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	261583	74.552	ug/l #	100
77) Bromobenzene	12.53	156	210054	47.306	ug/l	95
78) n-propylbenzene	12.59	91	826116	45.678	ug/l	100
79) 2-Chlorotoluene	12.67	91	501336	51.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	636737	51.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53991	34.910	ug/l	96
82) 4-Chlorotoluene	12.77	91	488476	45.948	ug/l	99
83) tert-Butylbenzene	12.99	119	557549	51.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	627322	50.454	ug/l	99
85) sec-Butylbenzene	13.17	105	723355	51.720	ug/l	100
86) p-Isopropyltoluene	13.29	119	659508	45.638	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	332876	47.344	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	324748	48.581	ug/l	99
89) n-Butylbenzene	13.61	91	508050	45.885	ug/l	100
90) Hexachloroethane	13.87	117	117848	42.845	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	332660	47.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39106	42.414	ug/l	97

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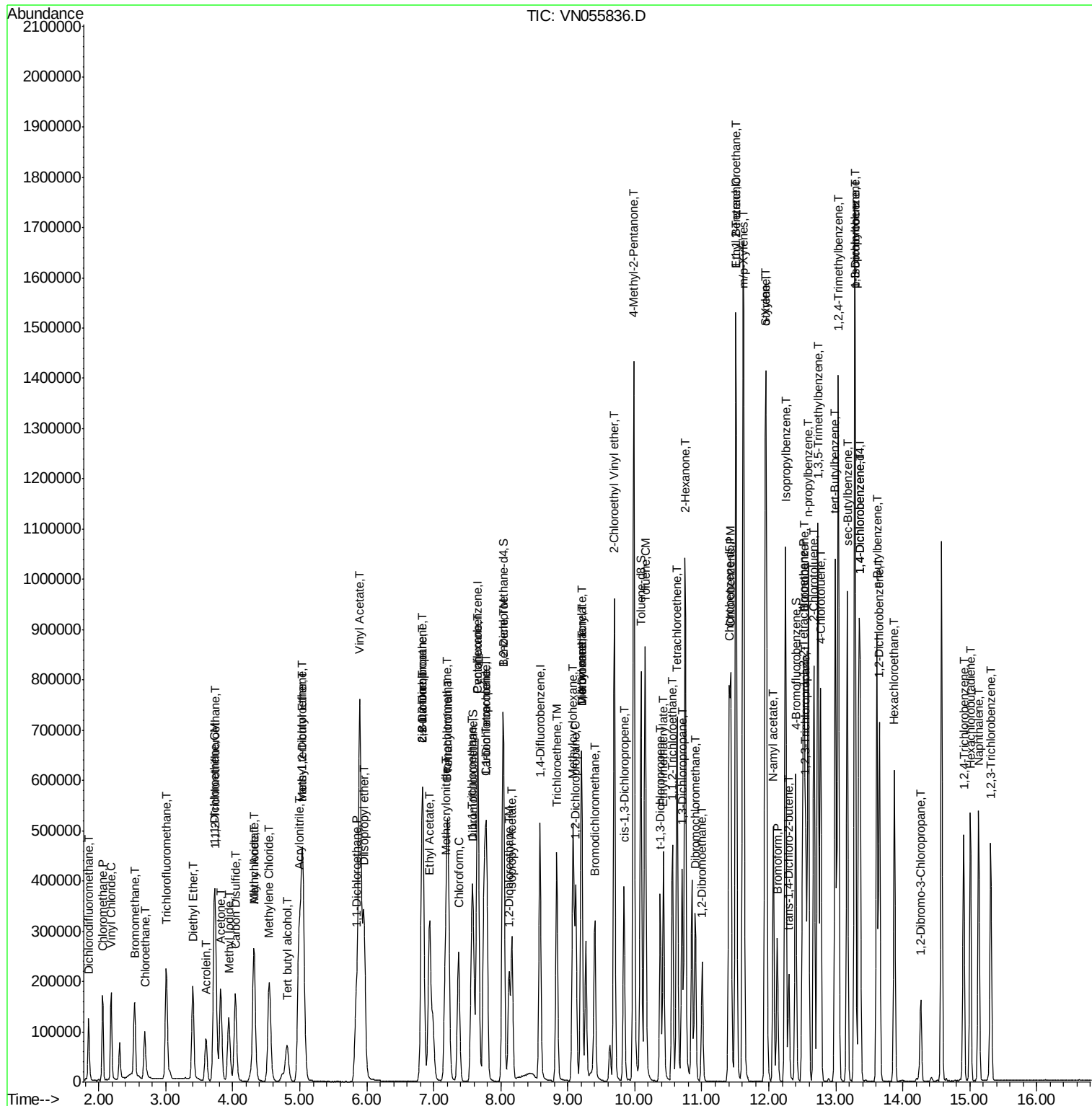
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	179562	44.892	ug/l	99
94) Hexachlorobutadiene	15.01	225	120361	48.707	ug/l	99
95) Naphthalene	15.13	128	483771	50.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	187789	50.643	ug/l	100

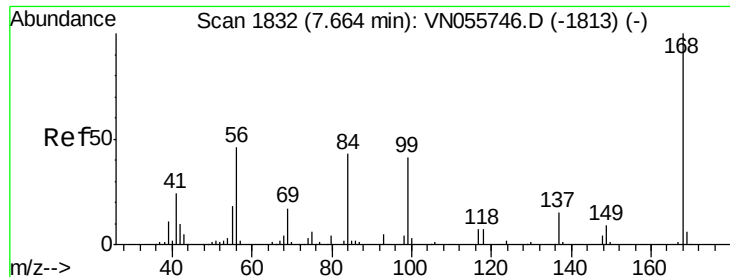
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

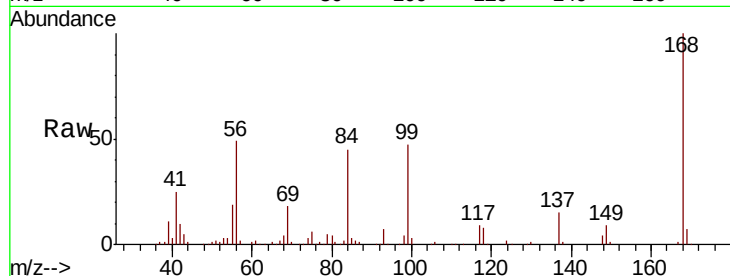
VSTDCCC050EC

Tot Ion:168 Resp: 338395

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

50000

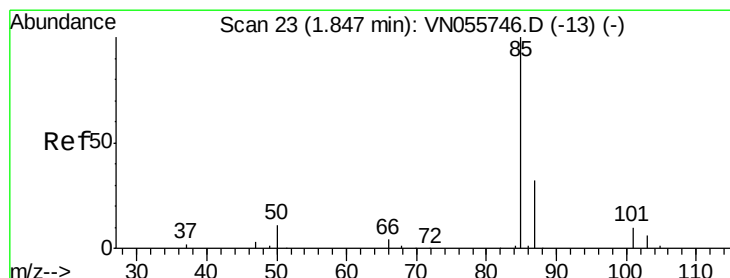
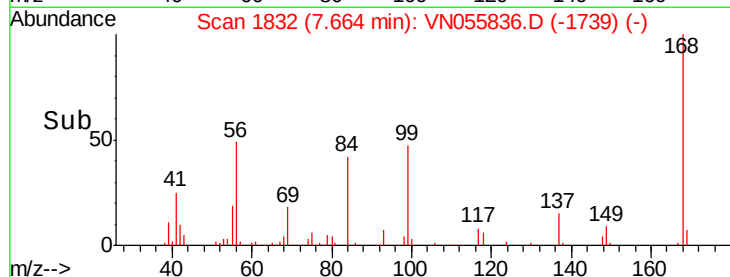
0

7.66

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.134 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055836.D

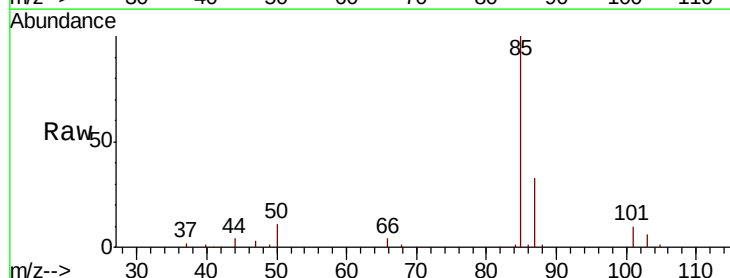
Acq: 25 May 2019 8:49

Tgt Ion: 85 Resp: 102790

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

80000

60000

40000

20000

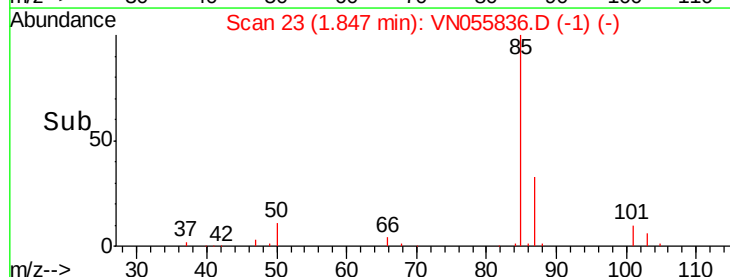
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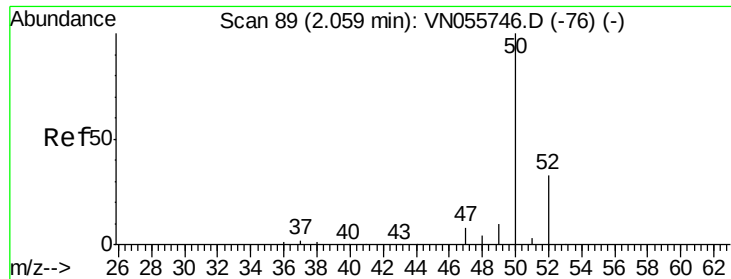
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 47.033 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

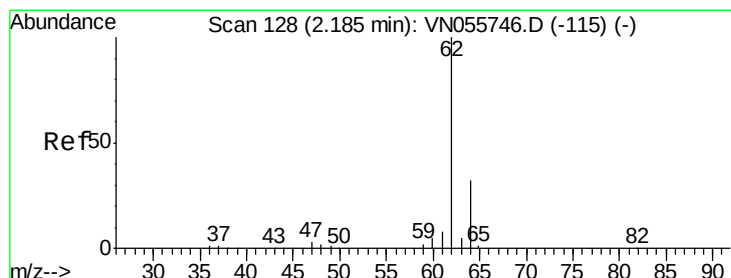
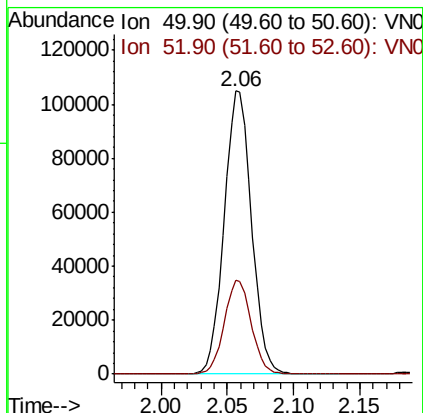
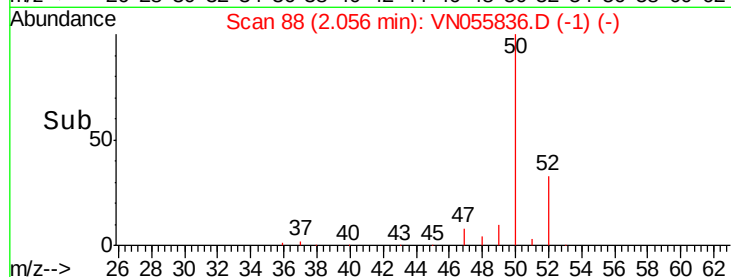
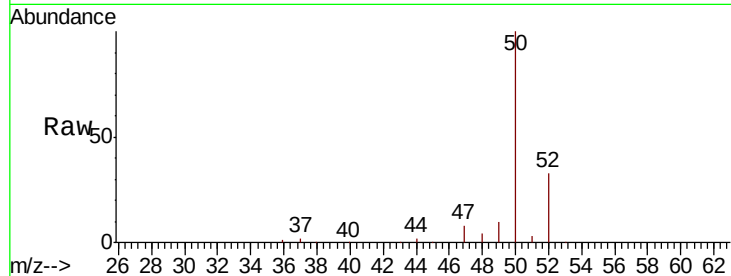
VSTDCCC050EC

Tot Ion: 50 Resp: 150078

Ion Ratio Lower Upper

50 100

52 33.1 26.6 40.0



#4

Vinyl Chloride

Concen: 47.026 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055836.D

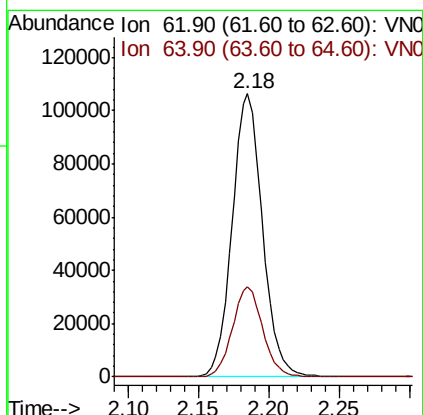
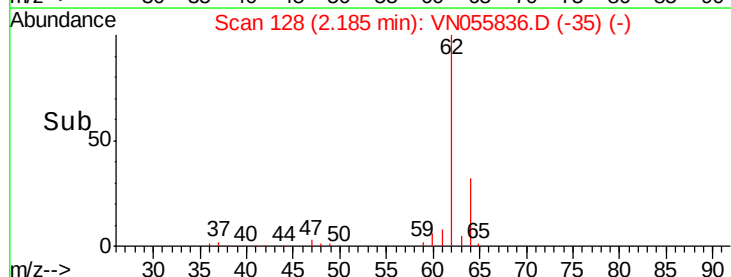
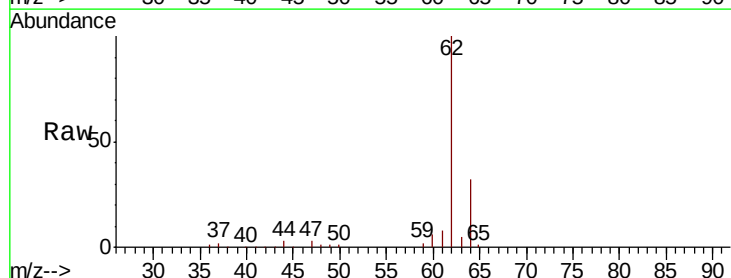
Acq: 25 May 2019 8:49

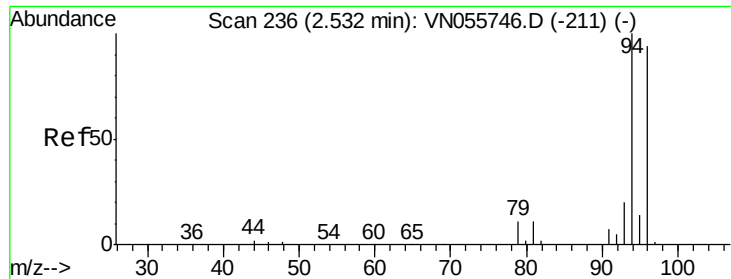
Tgt Ion: 62 Resp: 160049

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4

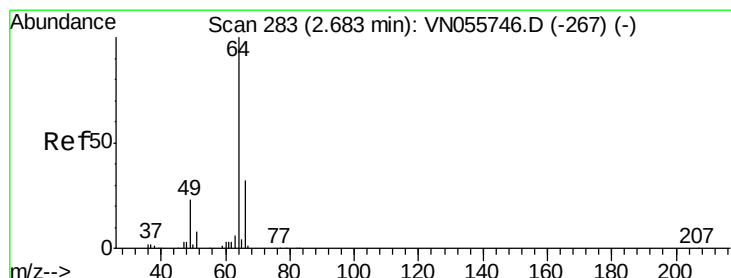
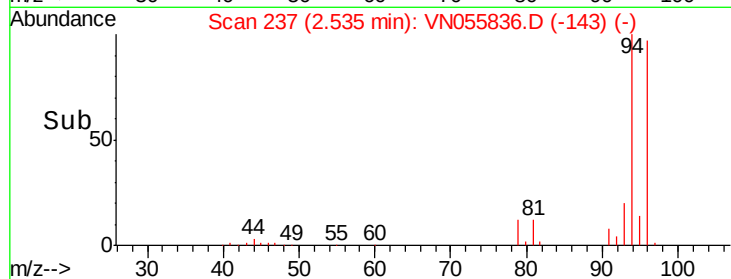
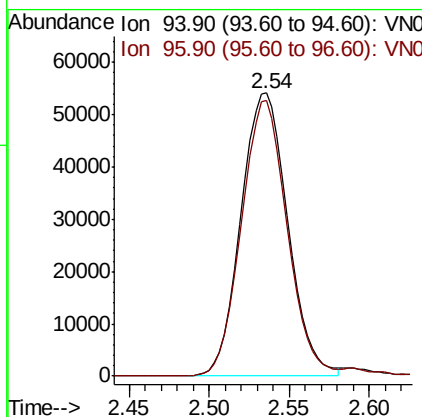
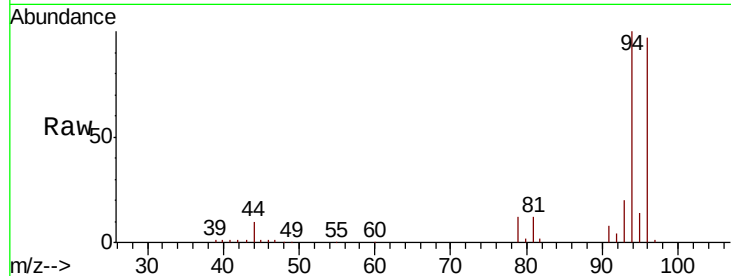




#5
Bromomethane
Concen: 50.936 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

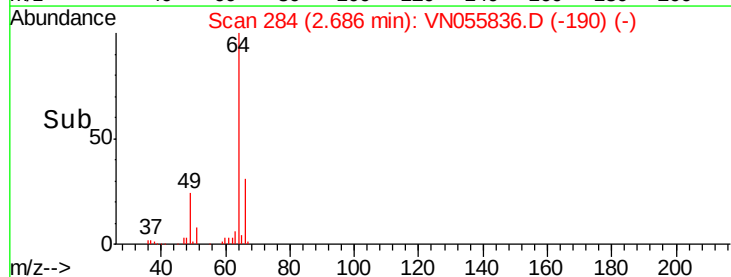
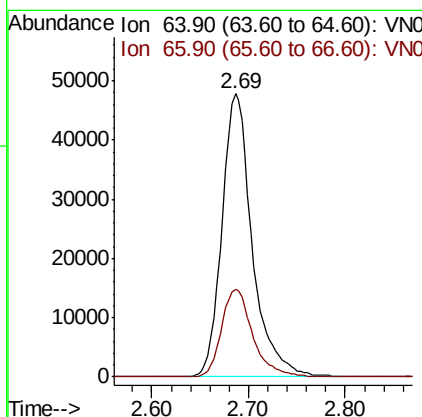
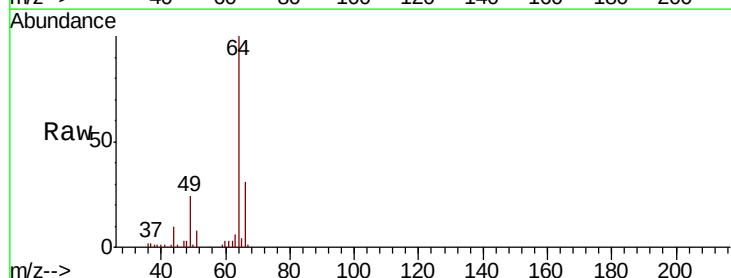
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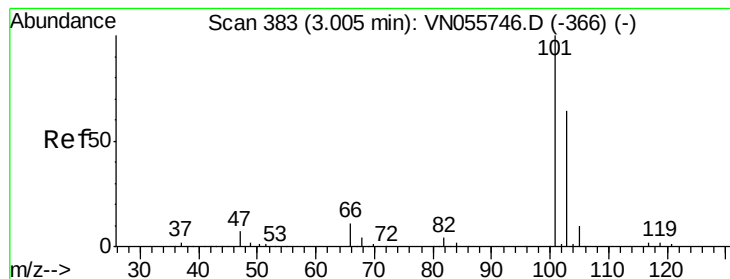
Tot Ion: 94 Resp: 108453
Ion Ratio Lower Upper
94 100
96 97.3 75.5 113.3



#6
Chloroethane
Concen: 50.646 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 64 Resp: 103778
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0



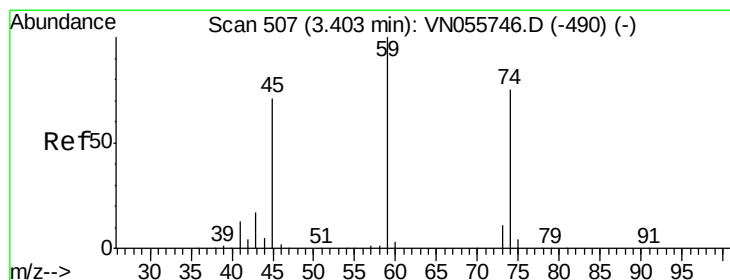
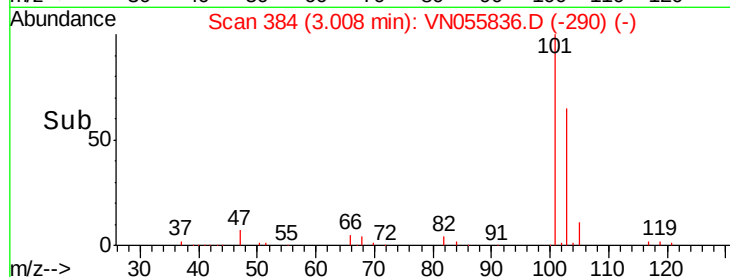
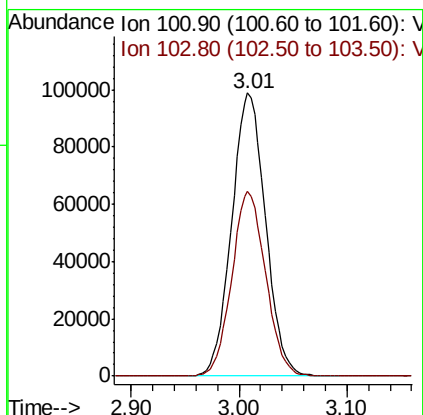
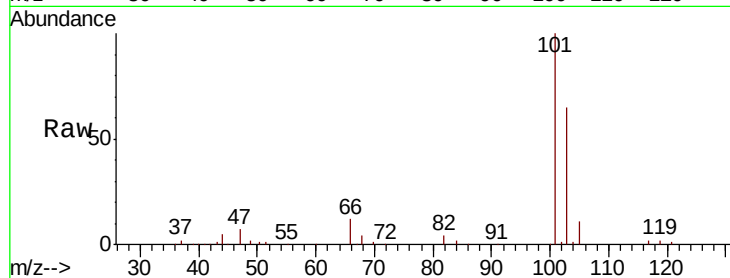


#7

Trichlorofluoromethane
 Concen: 48.396 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Instrument :
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 ClientSampleId :
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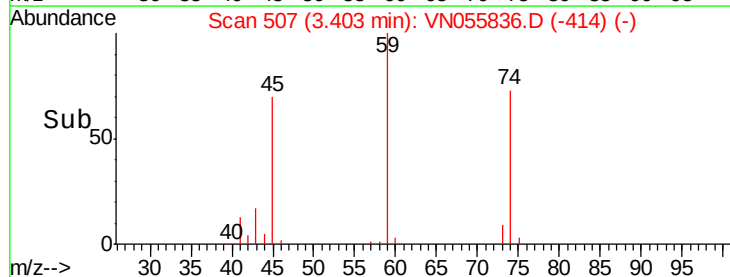
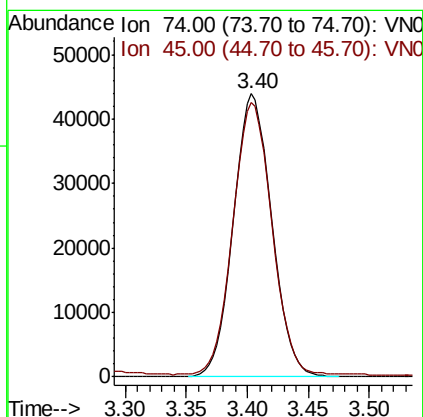
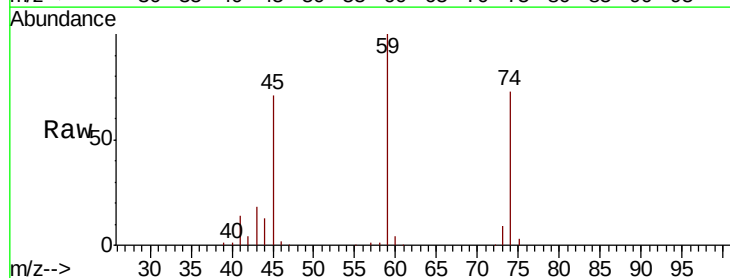
Tot Ion:101 Resp: 215940
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8

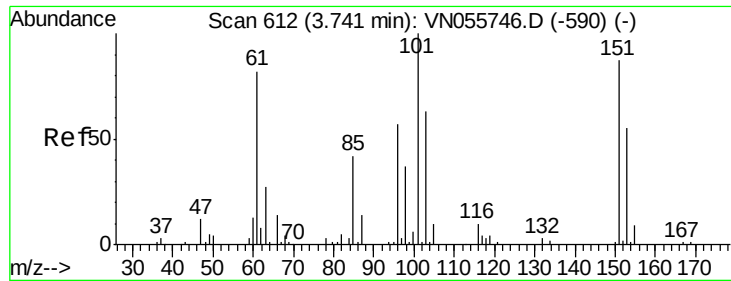


#8

Diethyl Ether
 Concen: 47.789 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 74 Resp: 95571
 Ion Ratio Lower Upper
 74 100
 45 99.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.416 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

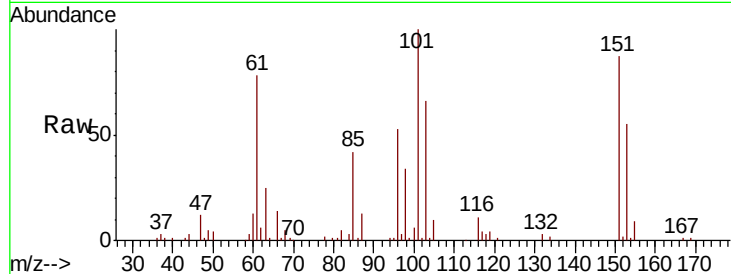
Tot Ion:101 Resp: 132068

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.2

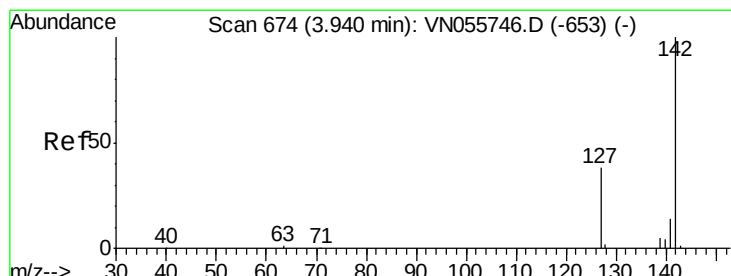
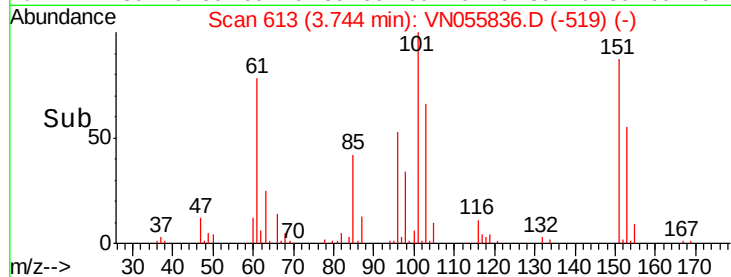
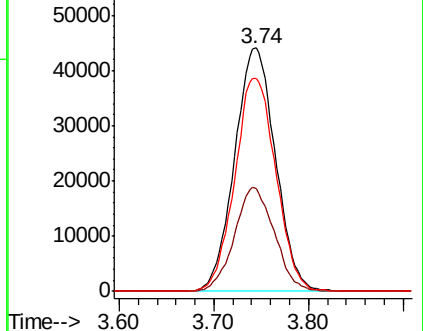
151 88.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.683 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

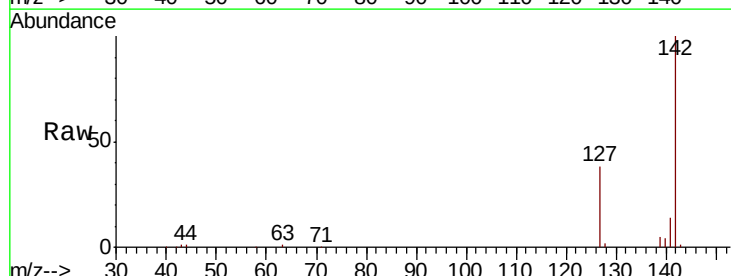
Tgt Ion:142 Resp: 218606

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

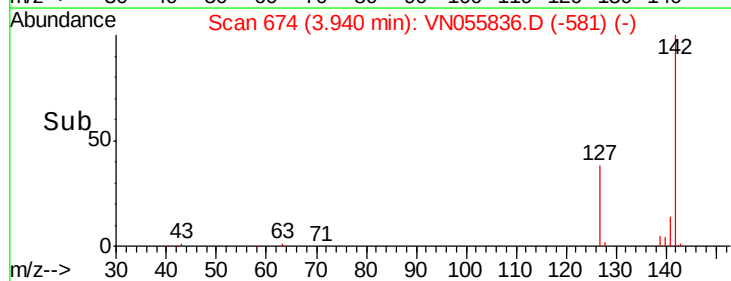
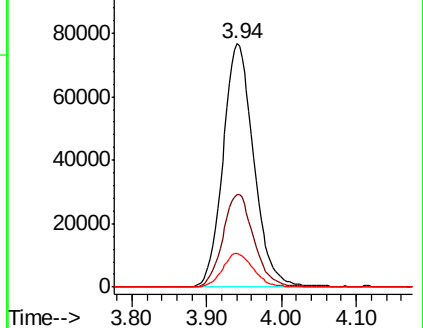
141 13.9 11.4 17.0

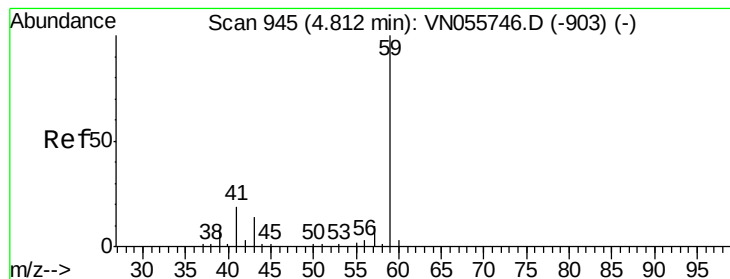


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



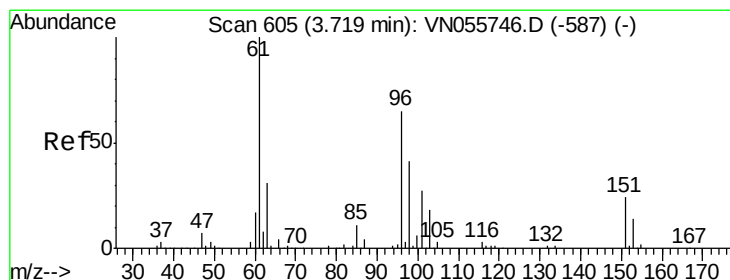
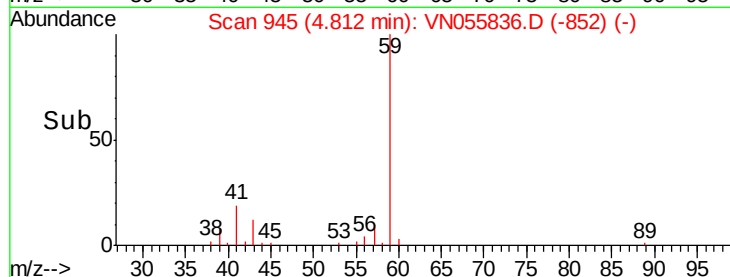
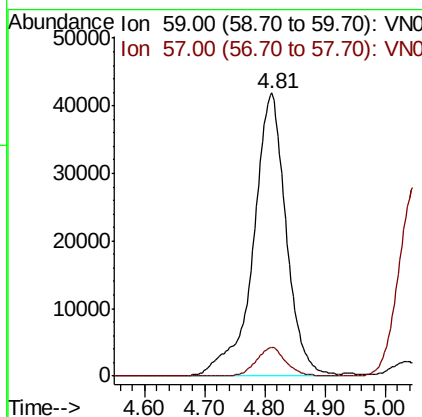
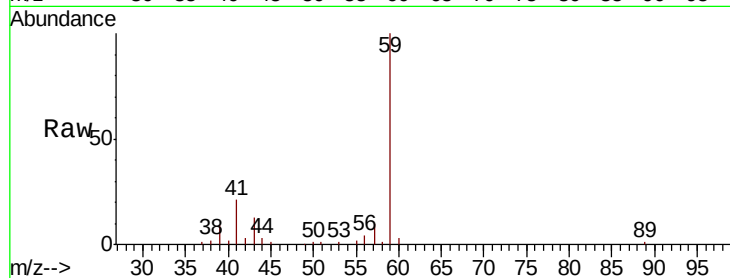


#11

Tert butyl alcohol
Concen: 239.208 ug/l
RT: 4.81 min Scan# 945
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

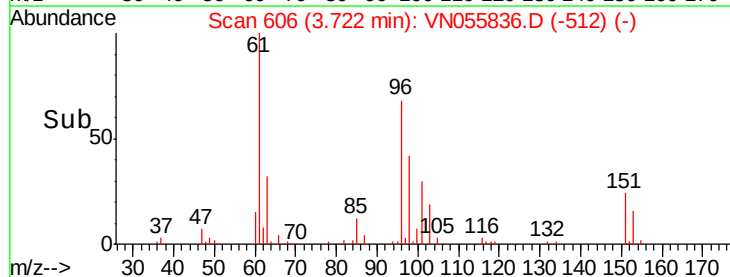
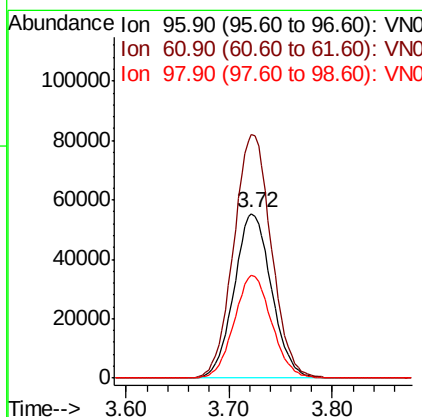
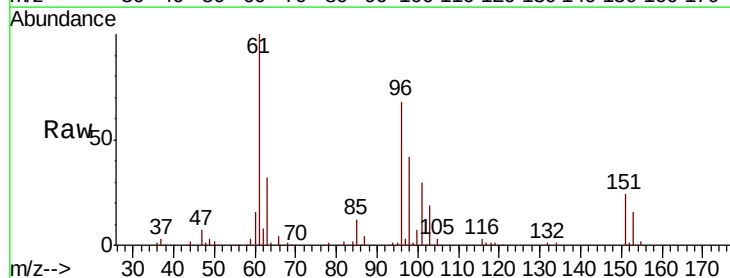
Tot Ion: 59 Resp: 159723
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.6

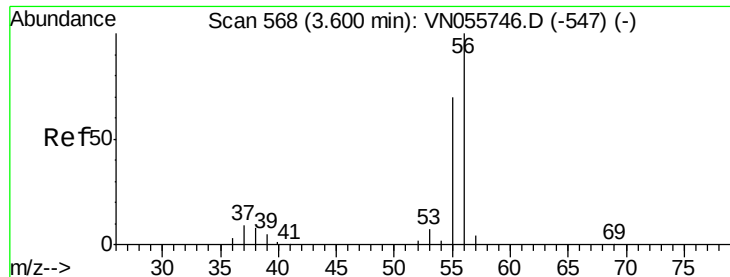


#12

1,1-Dichloroethene
Concen: 48.515 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 96 Resp: 139624
Ion Ratio Lower Upper
96 100
61 148.1 123.2 184.8
98 62.4 50.4 75.6

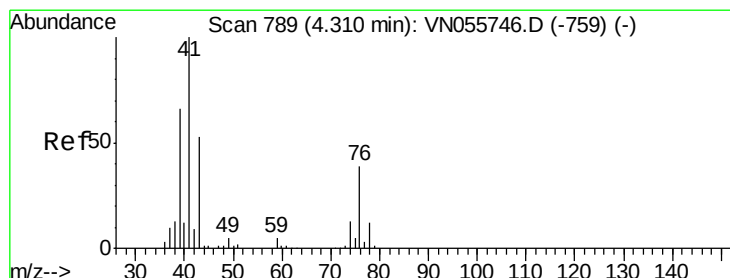
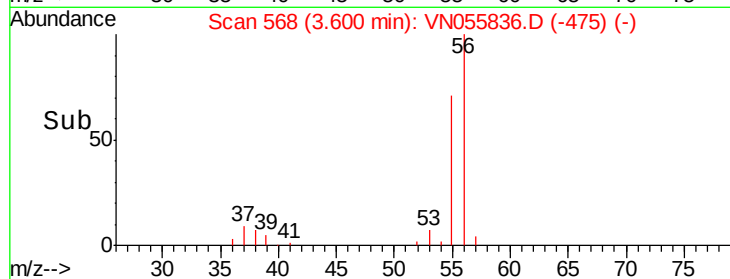
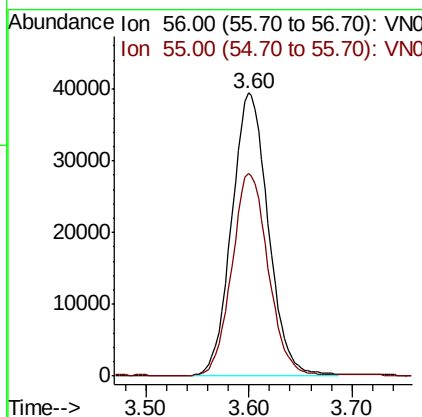
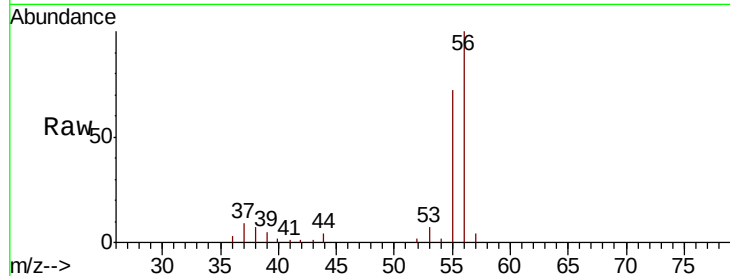




#13
Acrolein
Concen: 204.021 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

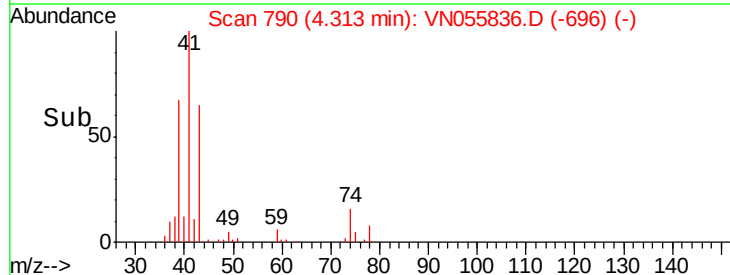
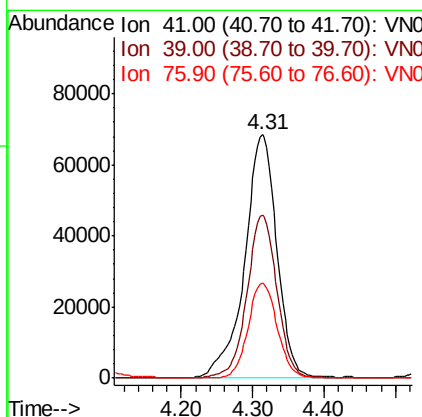
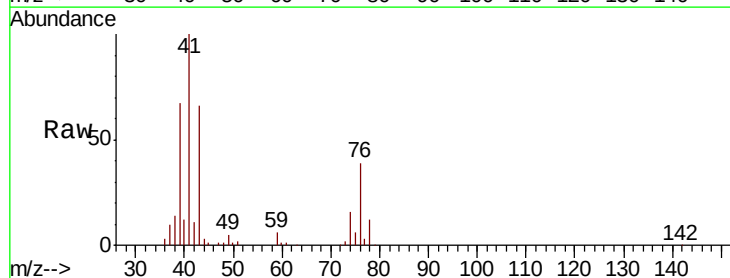
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

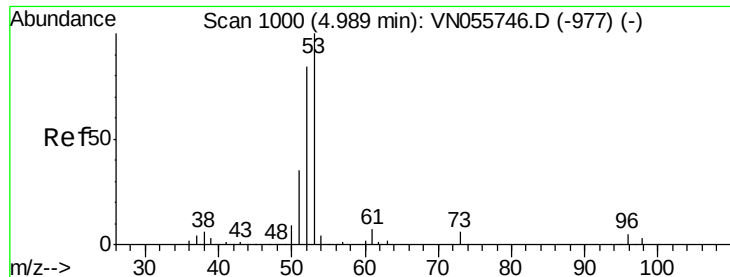
Tot Ion: 56 Resp: 97545
Ion Ratio Lower Upper
56 100
55 71.4 55.4 83.2



#14
Allyl chloride
Concen: 43.620 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 41 Resp: 215206
Ion Ratio Lower Upper
41 100
39 62.2 50.0 75.0
76 35.1 28.2 42.2





#15

Acrylonitrile

Concen: 246.457 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

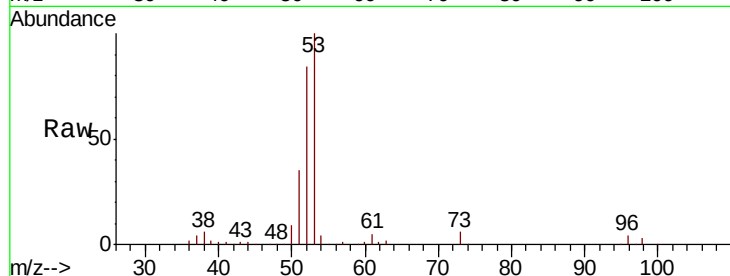
Tot Ion: 53 Resp: 377880

Ion Ratio Lower Upper

53 100

52 81.6 65.8 98.8

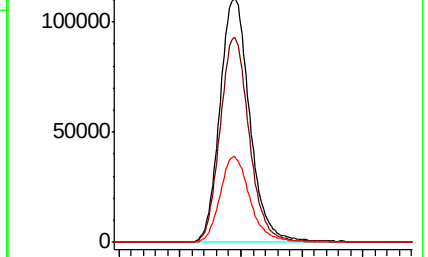
51 35.2 28.2 42.4



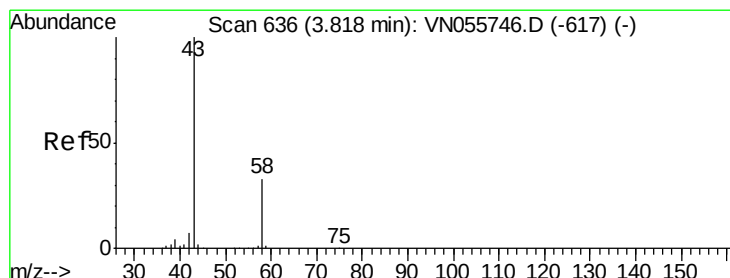
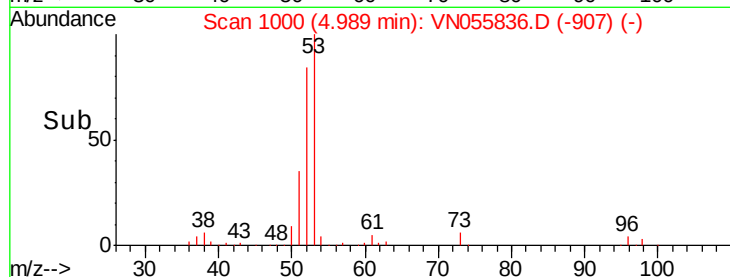
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 197.054 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055836.D

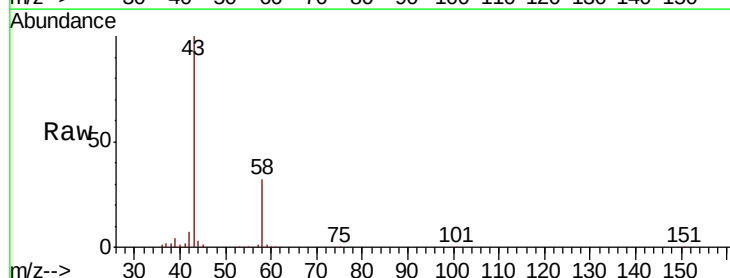
Acq: 25 May 2019 8:49

Tgt Ion: 43 Resp: 302711

Ion Ratio Lower Upper

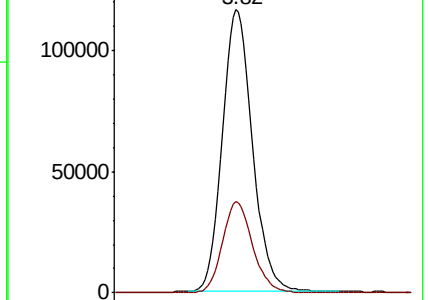
43 100

58 32.4 26.6 39.8

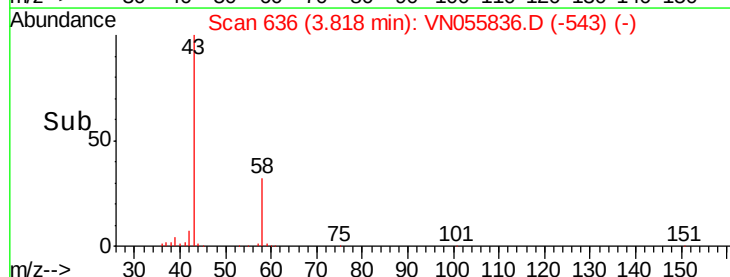


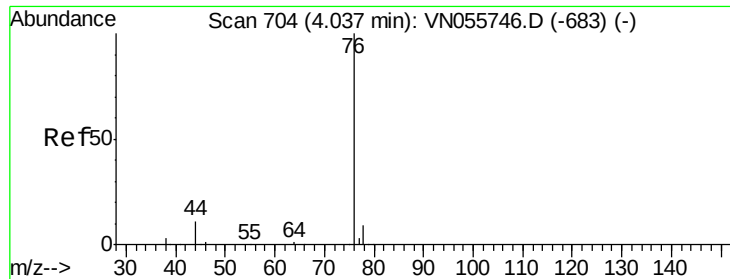
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

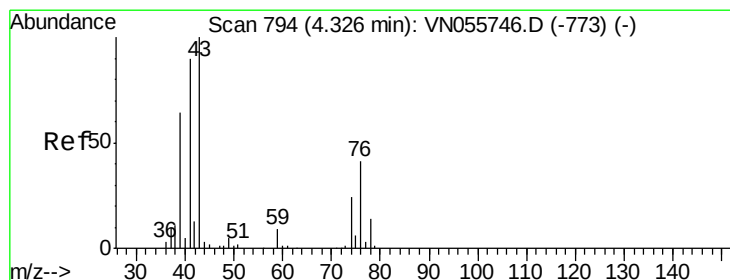
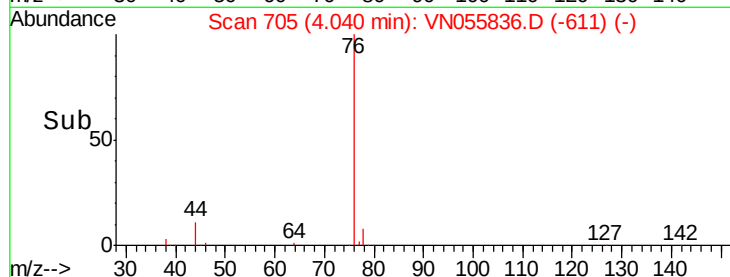
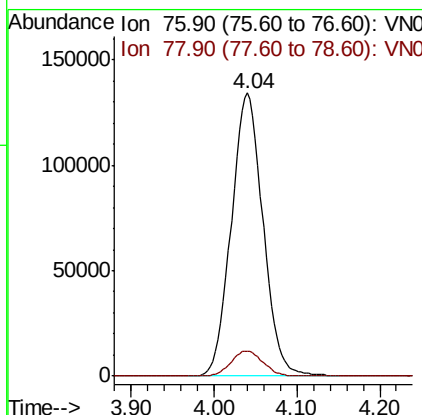
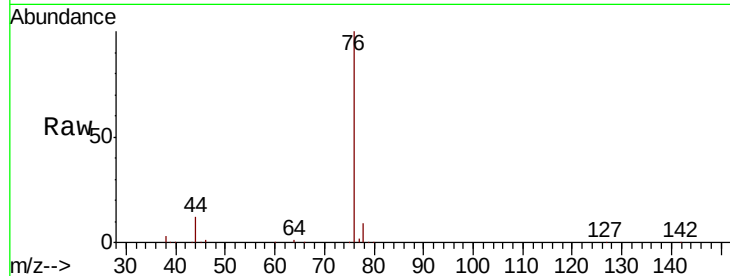




#17
Carbon Disulfide
Concen: 43.677 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

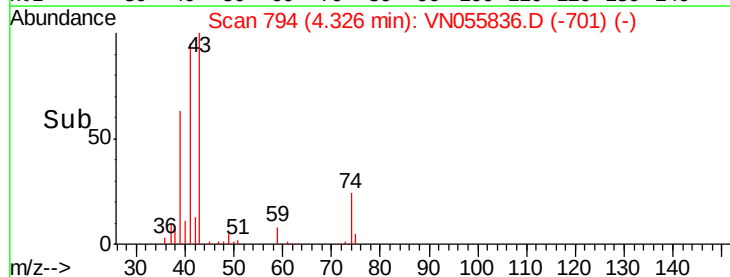
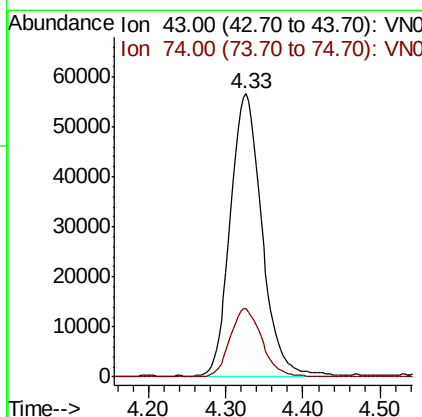
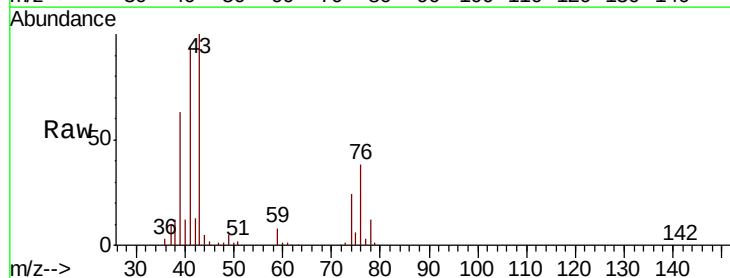
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

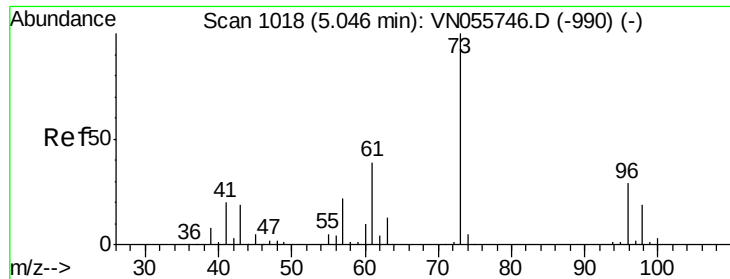
Tot Ion: 76 Resp: 357130
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 51.027 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 43 Resp: 159278
Ion Ratio Lower Upper
43 100
74 24.4 19.3 28.9

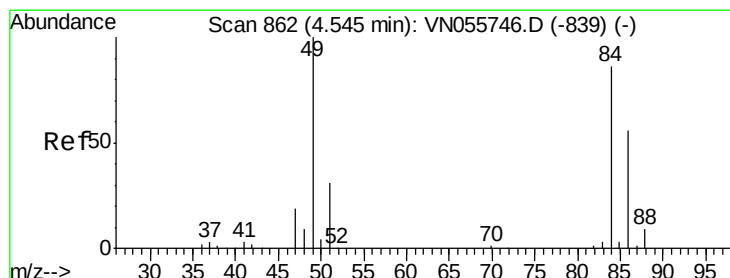
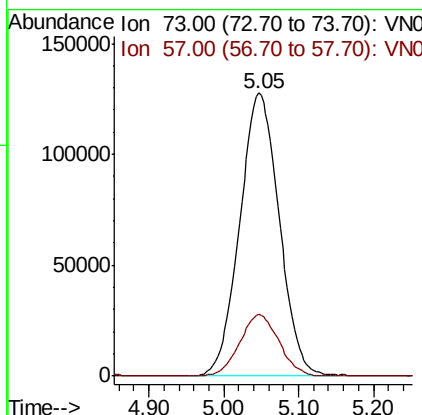
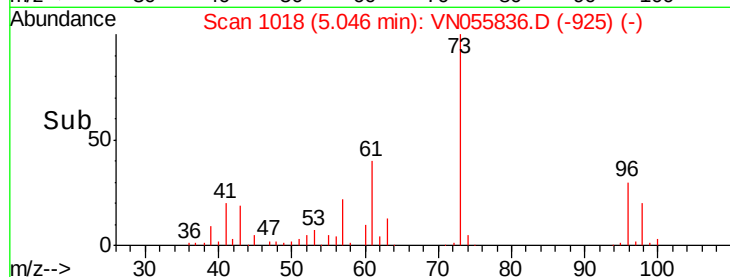
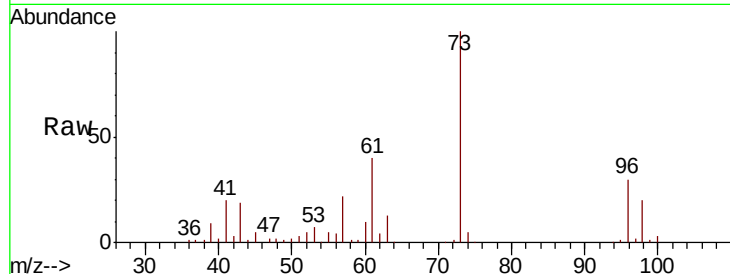




#19
Methyl tert-butyl Ether
Concen: 48.831 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

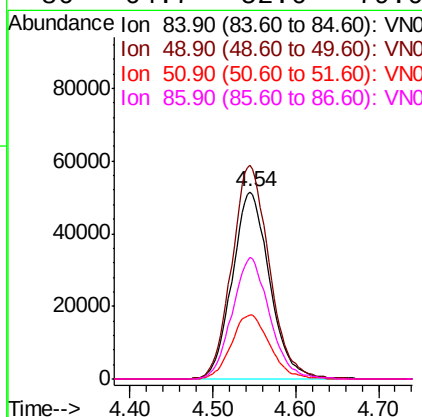
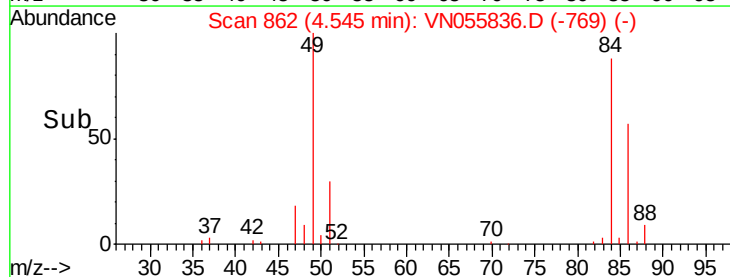
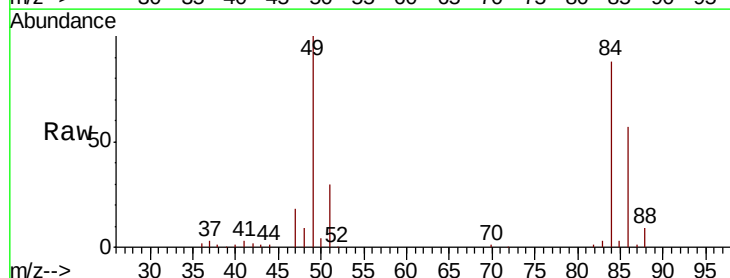
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

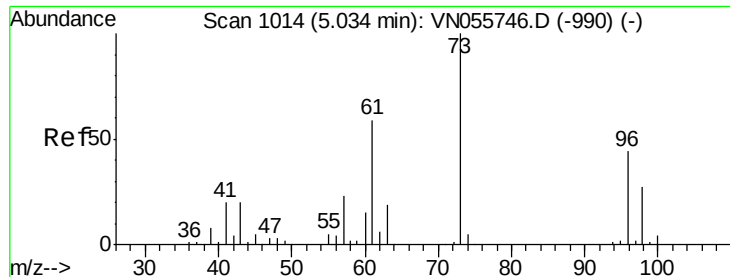
Tot Ion: 73 Resp: 468701
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 48.488 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 84 Resp: 161312
Ion Ratio Lower Upper
84 100
49 113.9 93.5 140.3
51 34.1 28.6 43.0
86 64.7 52.6 79.0

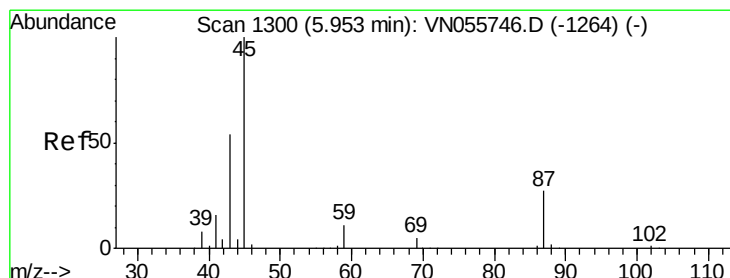
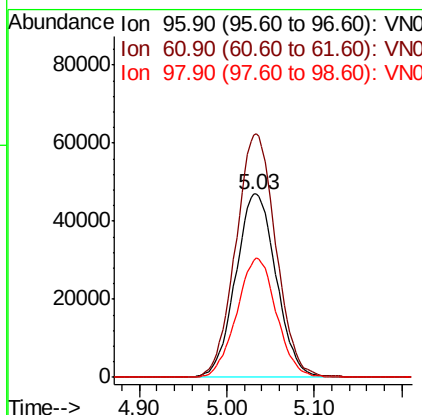
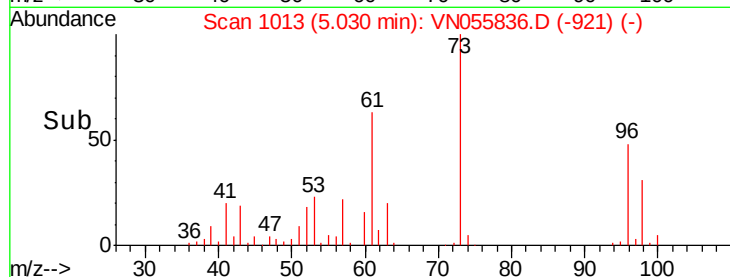
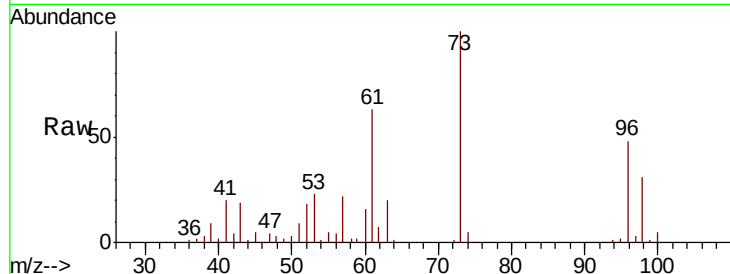




#21
trans-1,2-Dichloroethene
Concen: 48.767 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

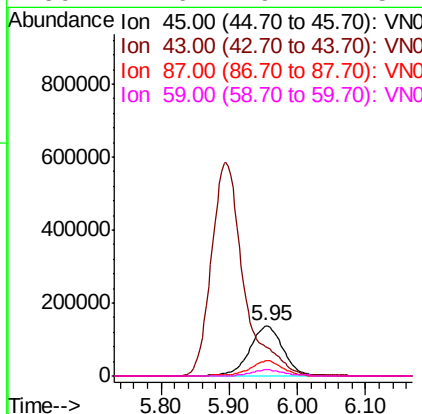
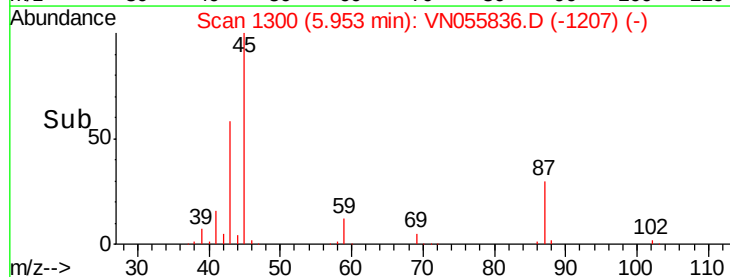
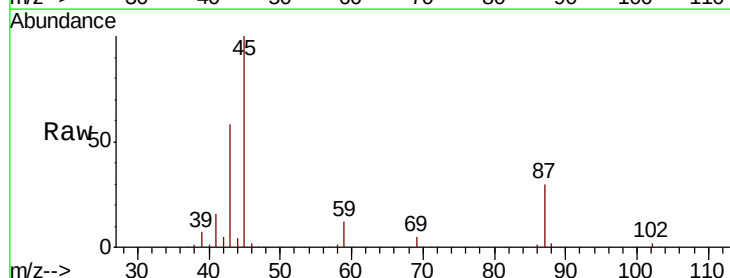
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

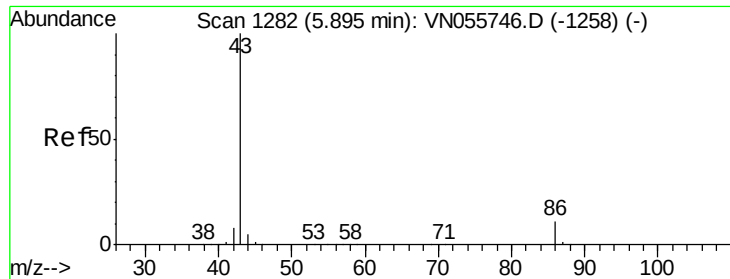
Tot Ion: 96 Resp: 150780
Ion Ratio Lower Upper
96 100
61 132.1 107.8 161.8
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 48.994 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 45 Resp: 470137
Ion Ratio Lower Upper
45 100
43 56.7 45.0 67.6
87 29.7 22.2 33.4
59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 235.831 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

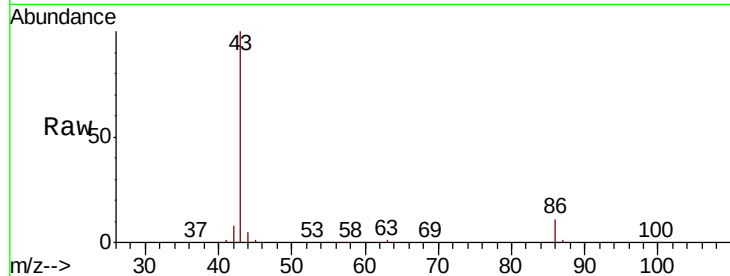
VSTDCCC050EC

Tot Ion: 43 Resp: 1940253

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

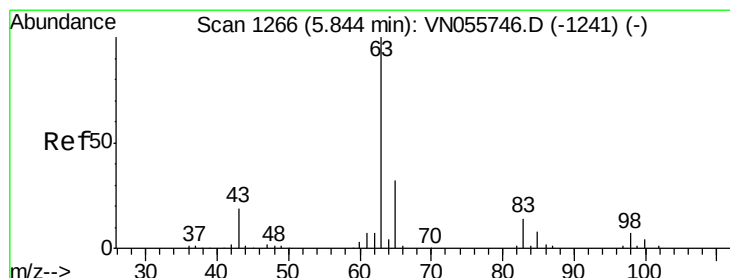
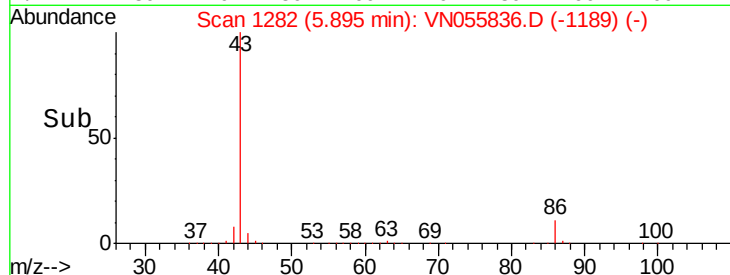
400000

200000

0

Time-->

5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 48.330 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

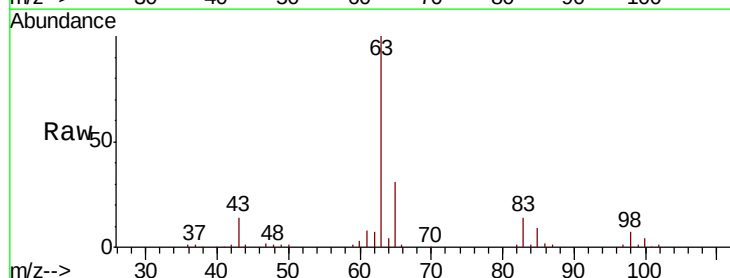
Tgt Ion: 63 Resp: 270021

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.1 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

5.84

100000

80000

60000

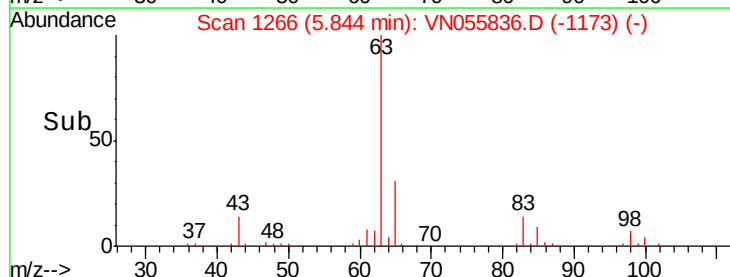
40000

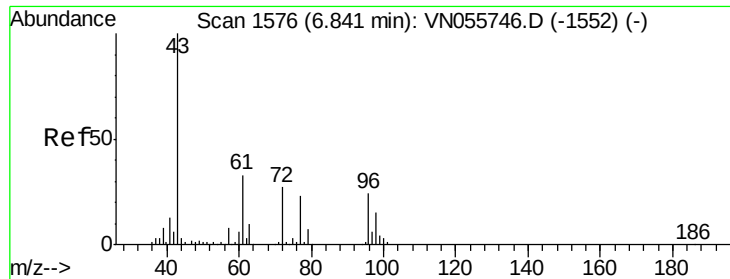
20000

0

Time-->

5.70 5.80 5.90 6.00

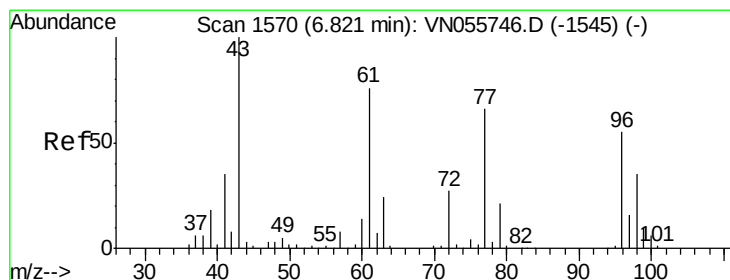
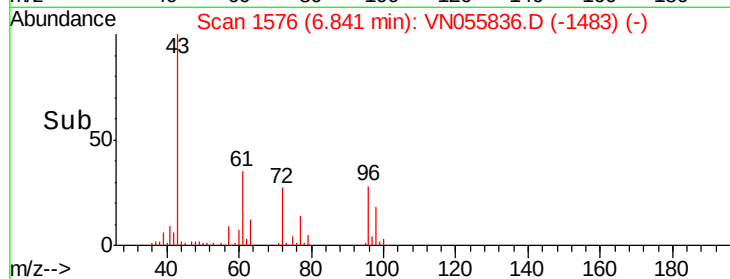
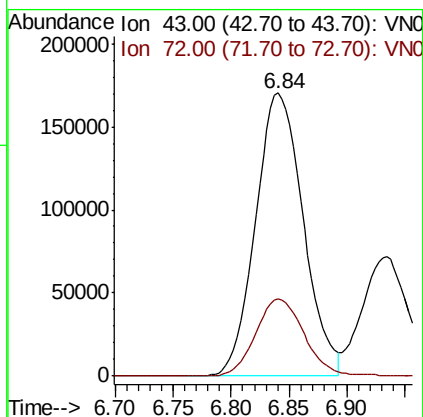
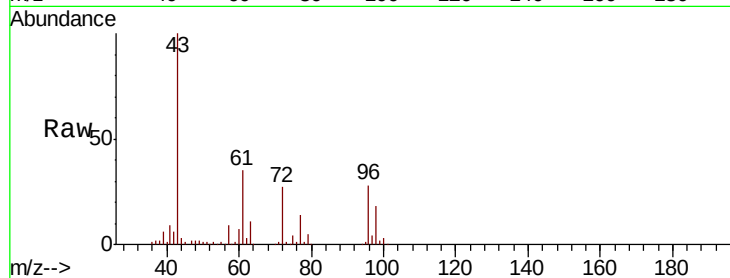




#25
2-Butanone
Concen: 226.160 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

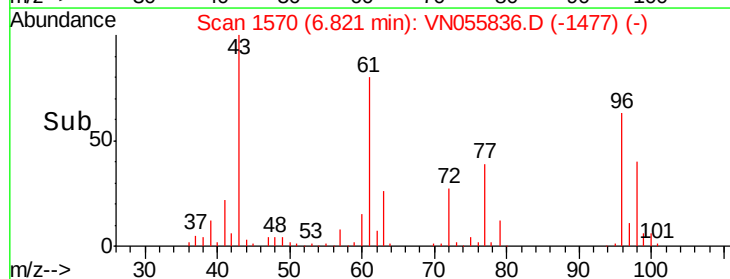
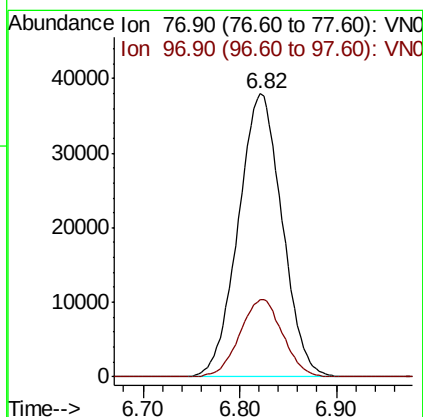
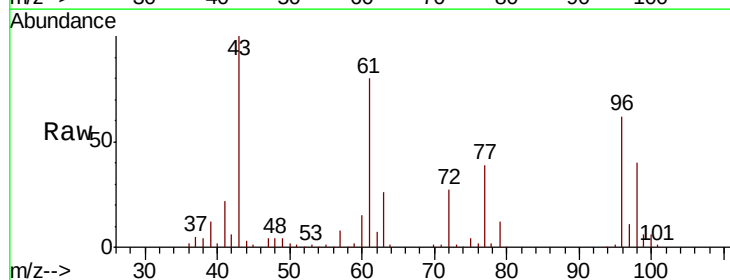
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

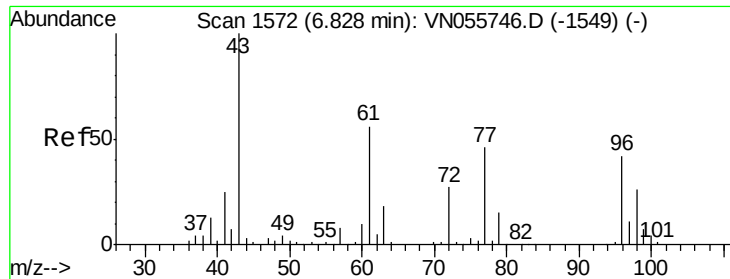
Tot Ion: 43 Resp: 485204
Ion Ratio Lower Upper
43 100
72 27.2 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.664 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 77 Resp: 119258
Ion Ratio Lower Upper
77 100
97 26.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.919 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

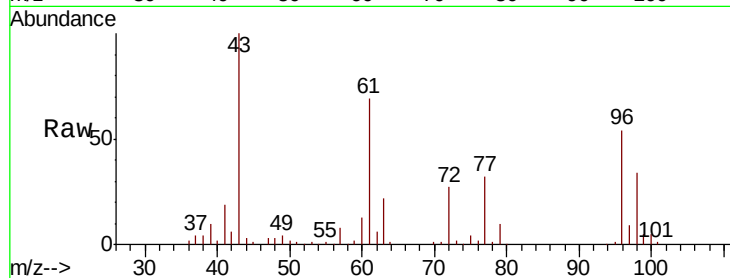
Tot Ion: 96 Resp: 180069

Ion Ratio Lower Upper

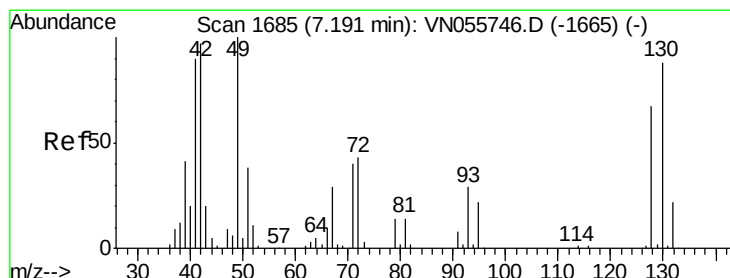
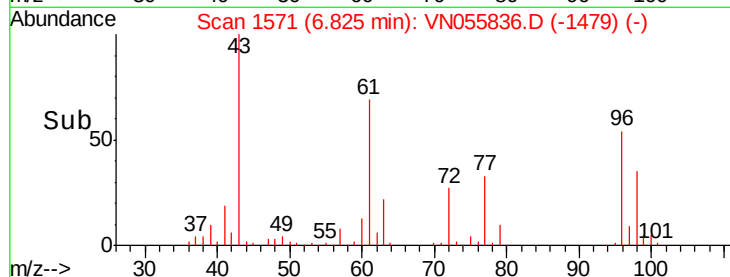
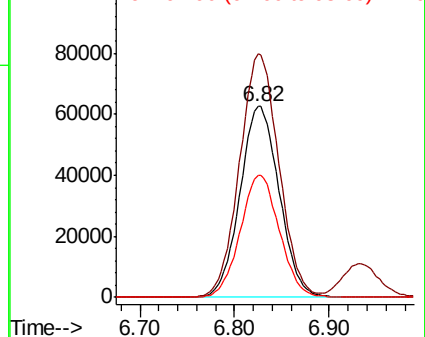
96 100

61 127.9 0.0 275.8

98 63.9 0.0 128.4



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



#28

Bromochloromethane

Concen: 50.325 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

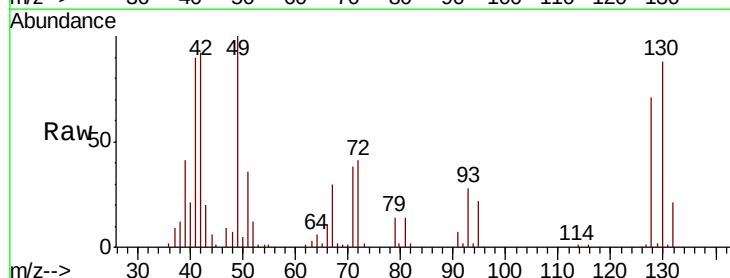
Tgt Ion: 49 Resp: 133866

Ion Ratio Lower Upper

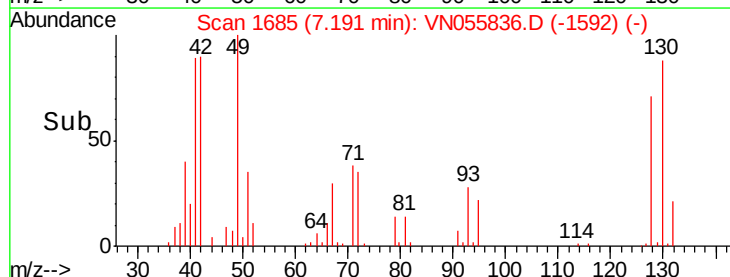
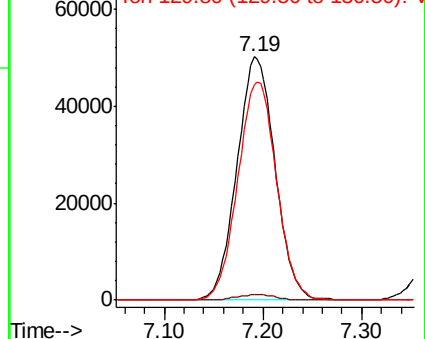
49 100

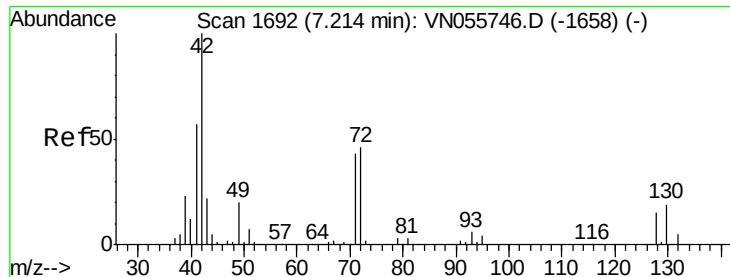
129 2.2 0.0 4.4

130 91.1 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: 239.837 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

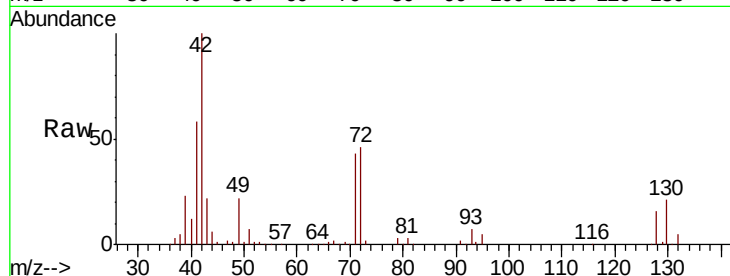
Tot Ion: 42 Resp: 325847

Ion Ratio Lower Upper

42 100

72 45.5 35.9 53.9

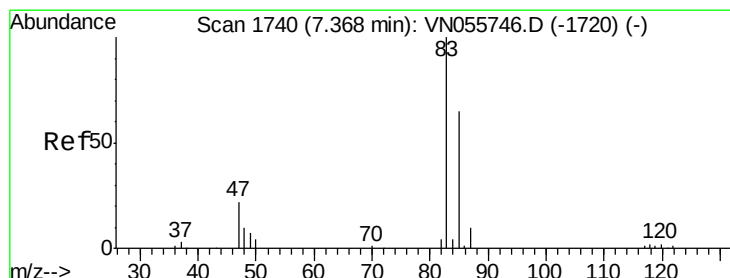
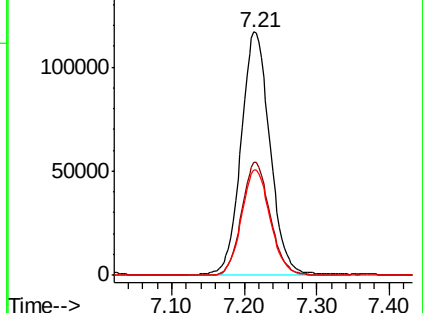
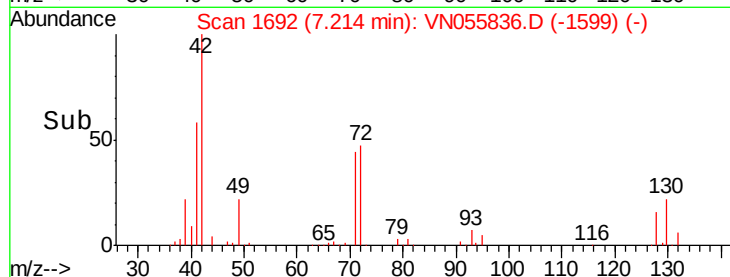
71 42.8 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.459 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055836.D

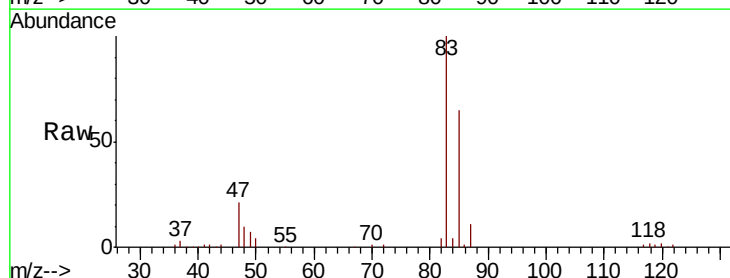
Acq: 25 May 2019 8:49

Tgt Ion: 83 Resp: 275578

Ion Ratio Lower Upper

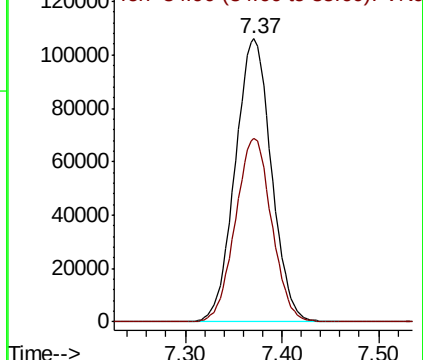
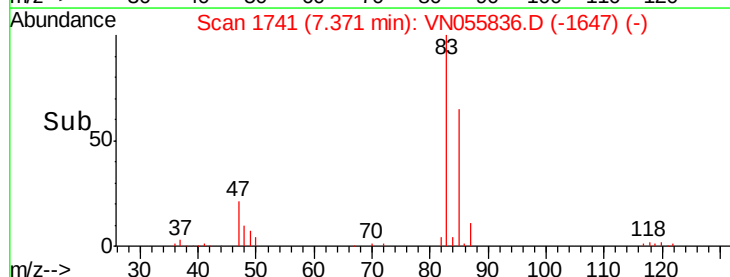
83 100

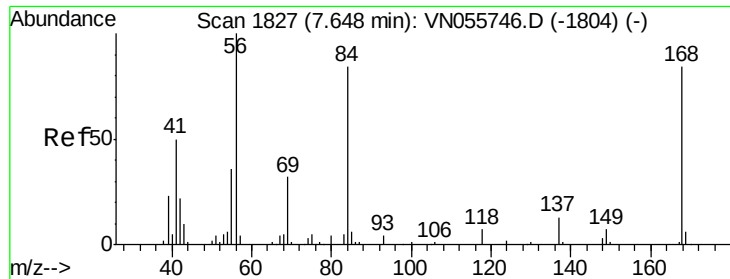
85 65.0 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

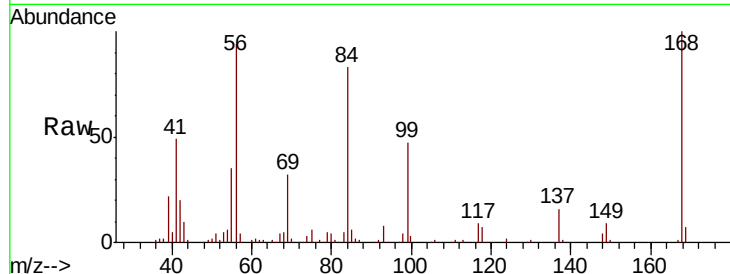




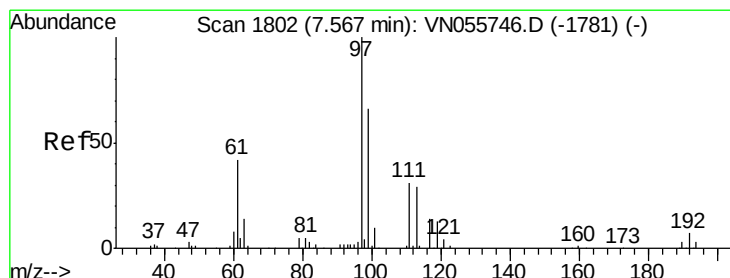
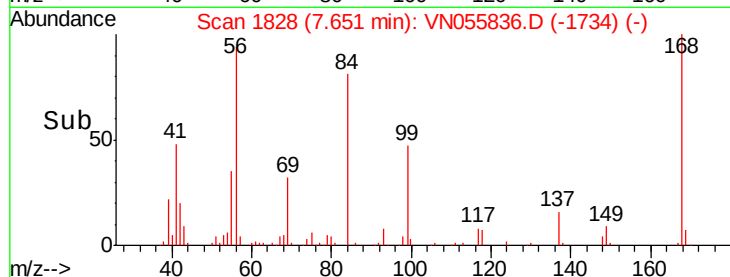
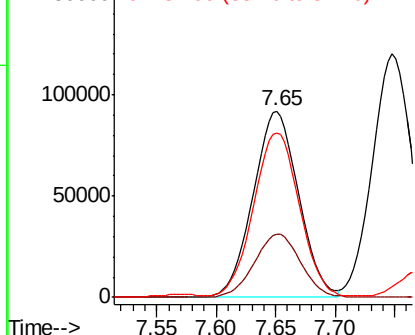
#31
Cyclohexane
Concen: 46.432 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 243554
Ion Ratio Lower Upper
56 100
69 34.1 25.6 38.4
84 87.0 67.4 101.0

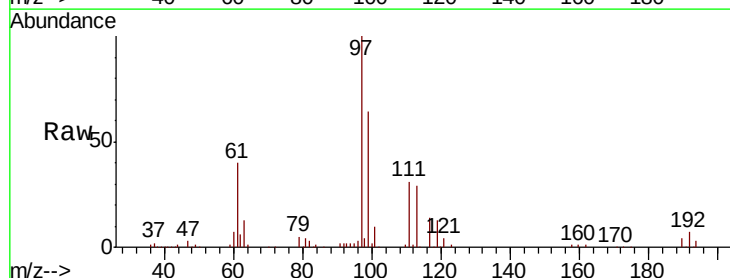


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

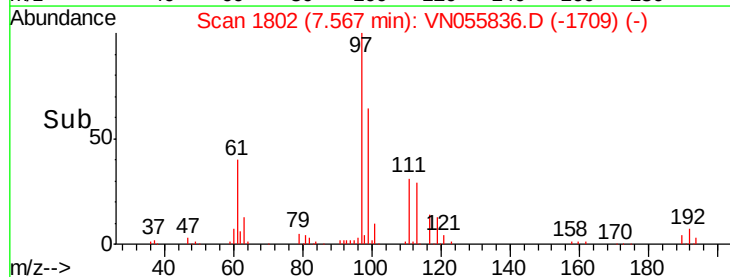
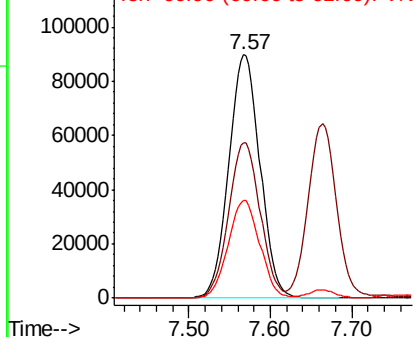


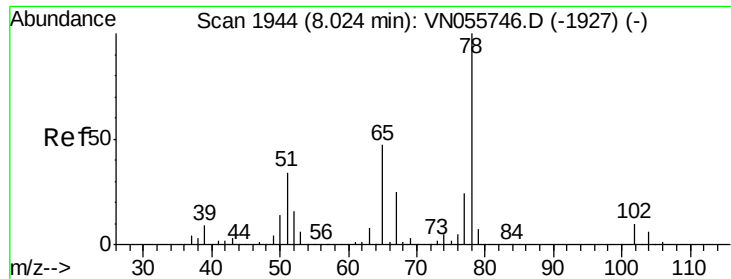
#32
1,1,1-Trichloroethane
Concen: 48.276 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 97 Resp: 240033
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 40.7 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

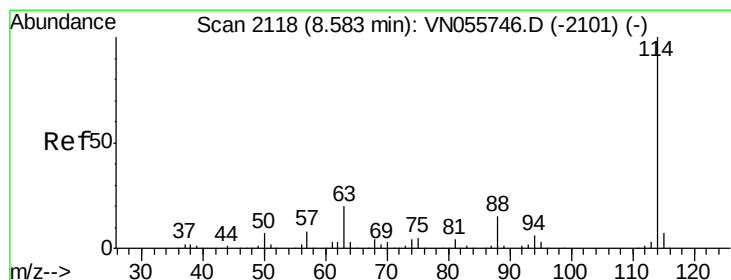
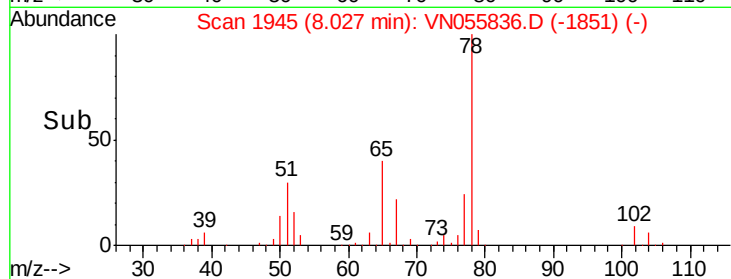
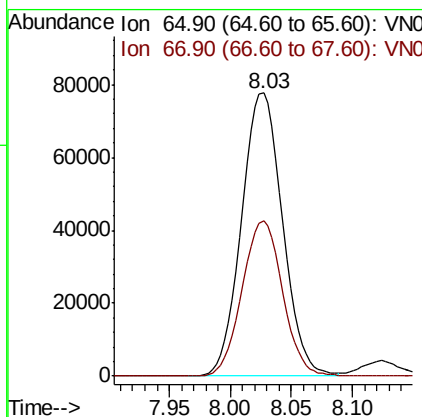
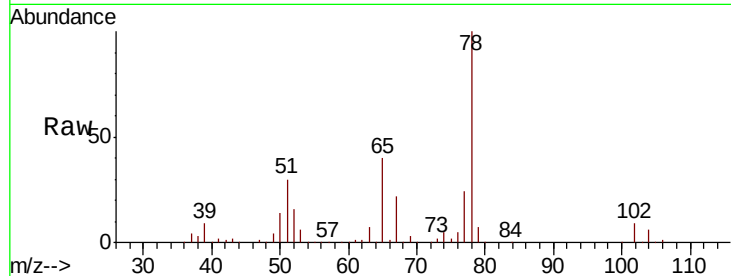




#33
 1,2-Dichloroethane-d4
 Concen: 51.750 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

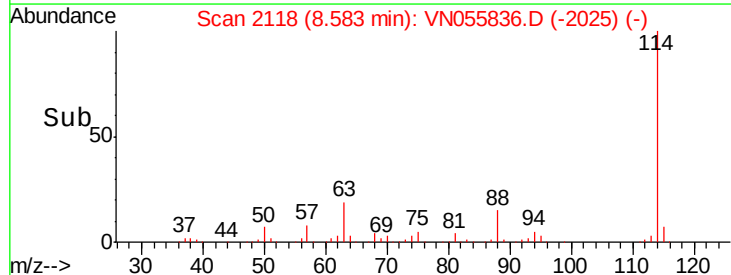
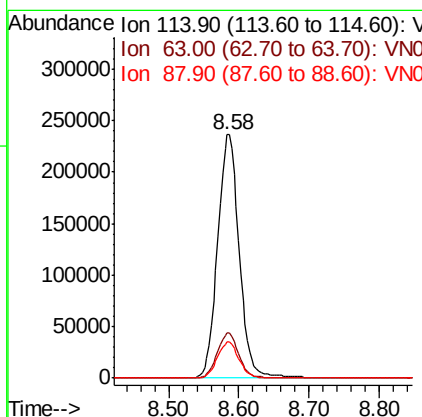
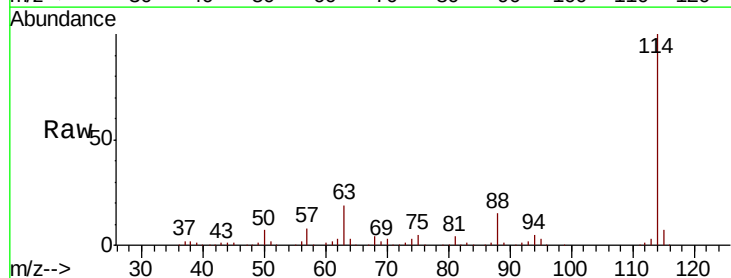
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

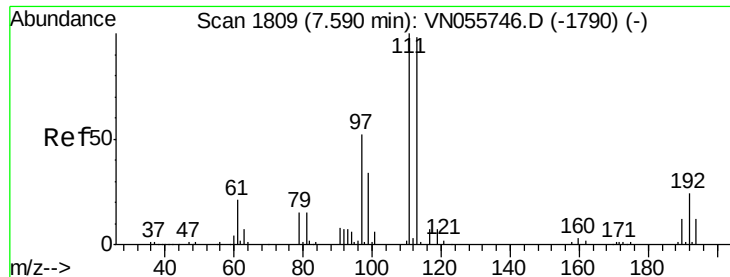
Tot Ion: 65 Resp: 180849
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 114 Resp: 505053
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.2
 88 14.8 0.0 31.0

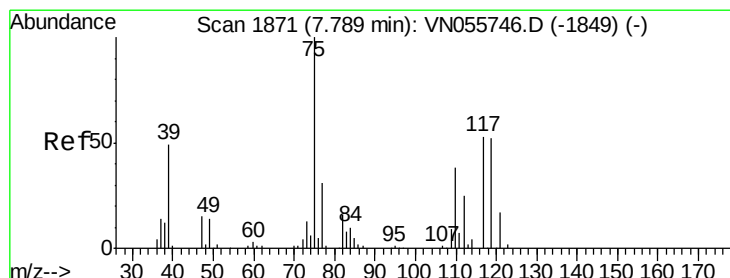
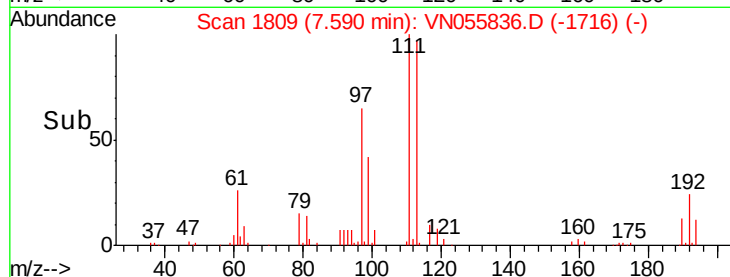
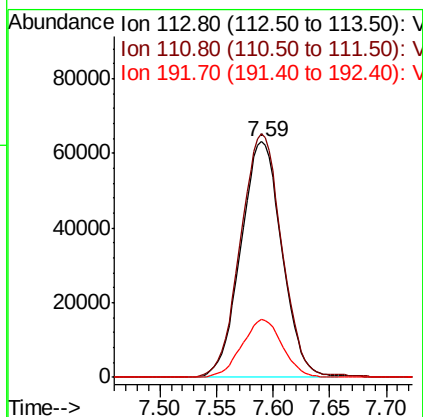
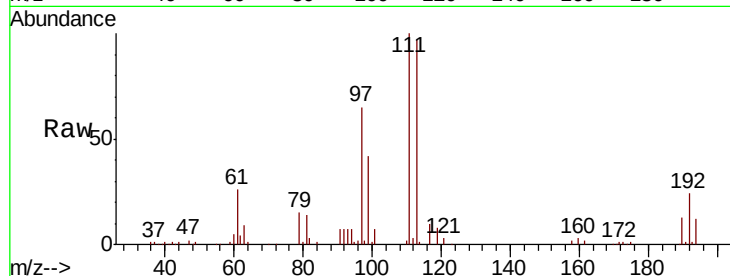




#35
 Dibromofluoromethane
 Concen: 49.878 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

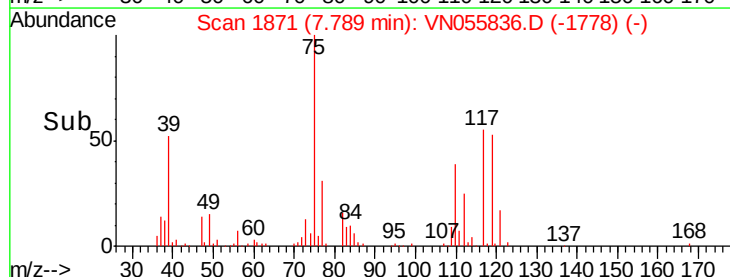
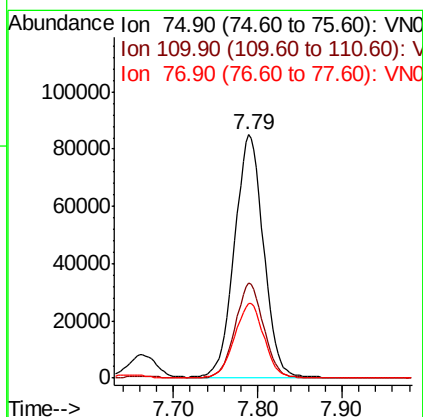
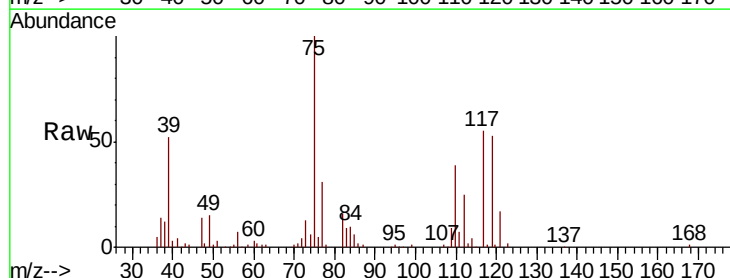
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

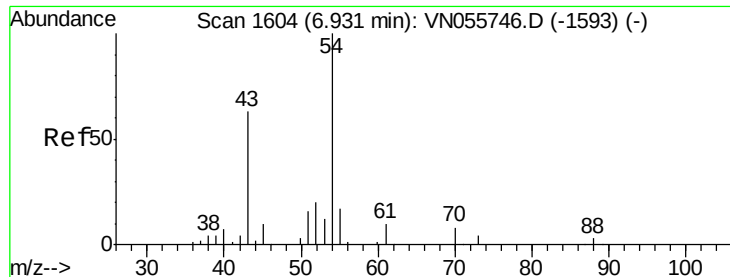
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	24.3	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 46.381 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.0	57.0
77	31.3	25.1	37.7

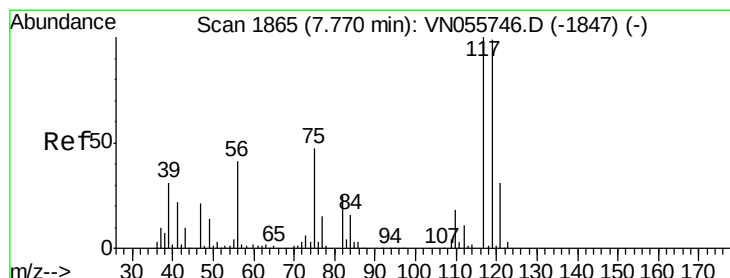
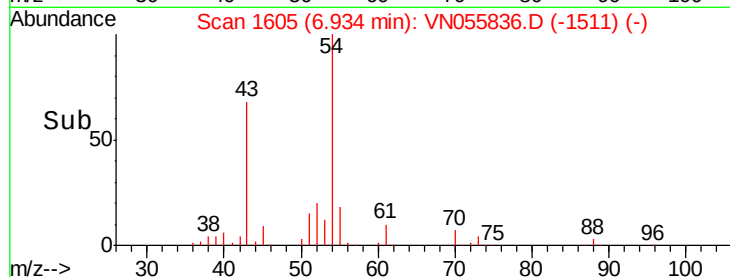
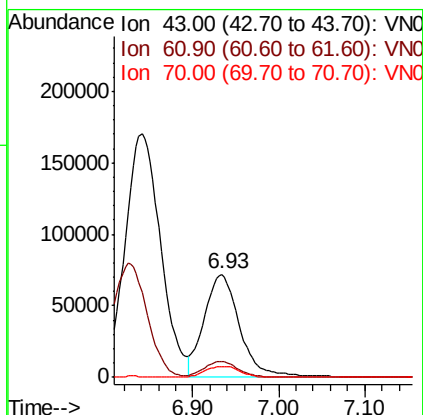
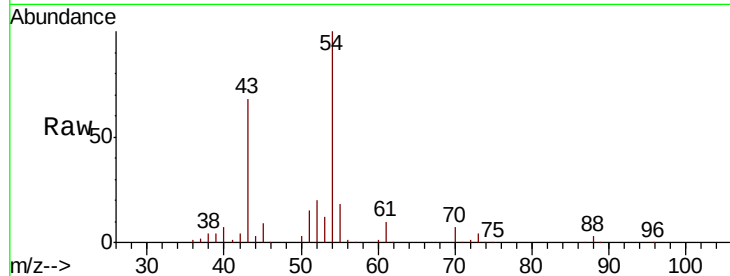




#37
Ethyl Acetate
Concen: 47.767 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

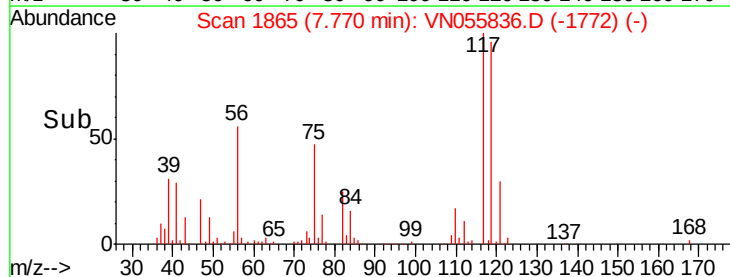
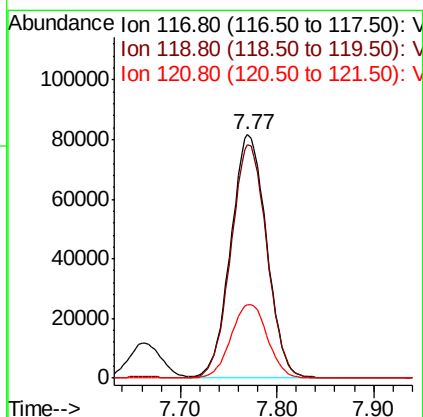
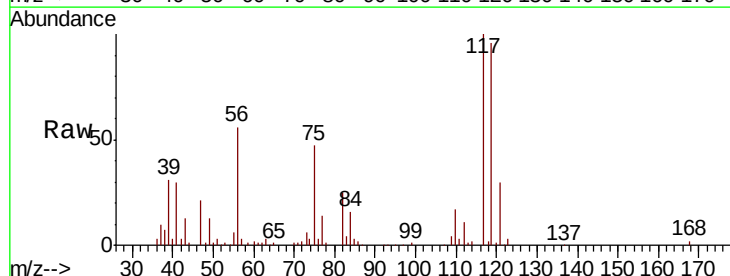
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

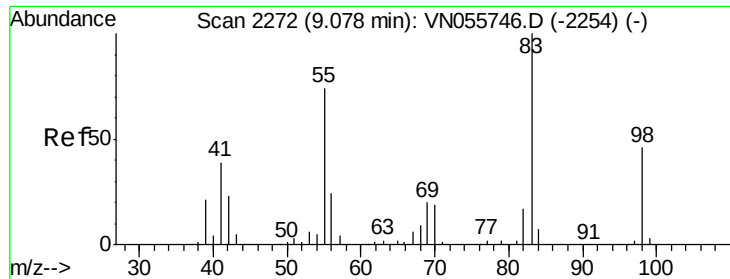
Tot Ion: 43 Resp: 203194
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 45.904 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 117 Resp: 210451
Ion Ratio Lower Upper
117 100
119 96.0 79.0 118.6
121 30.3 24.7 37.1

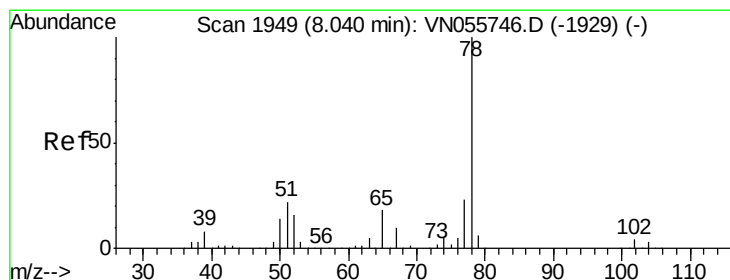
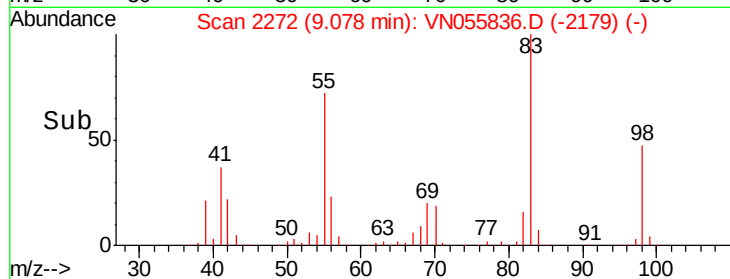
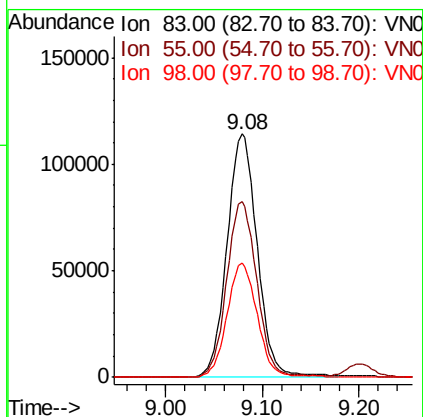
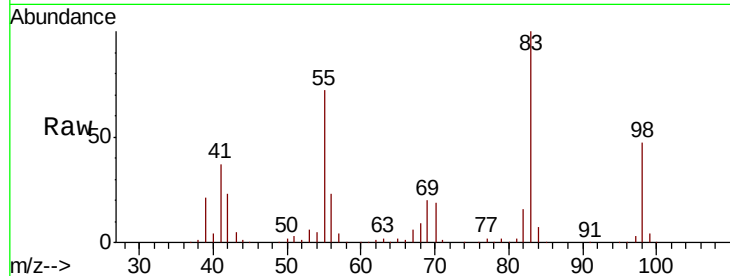




#39
Methylvlcyclohexane
Concen: 45.563 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

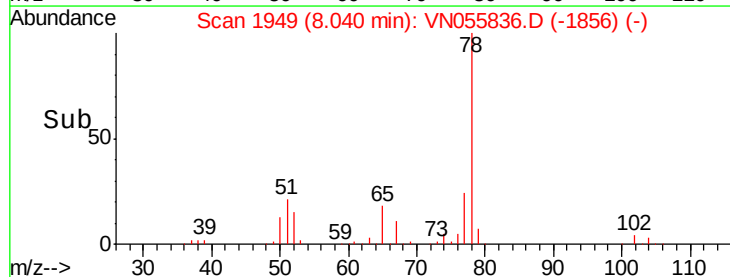
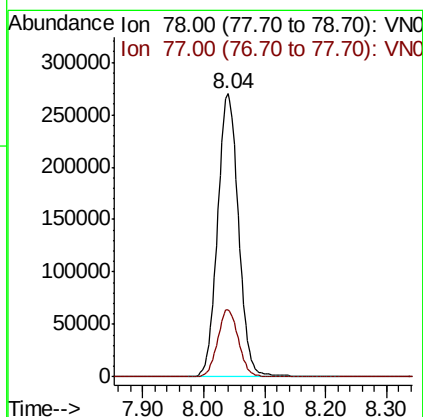
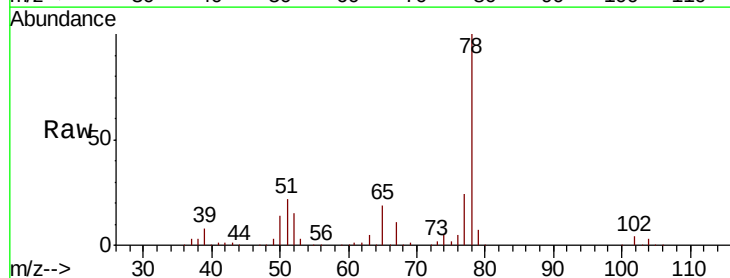
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

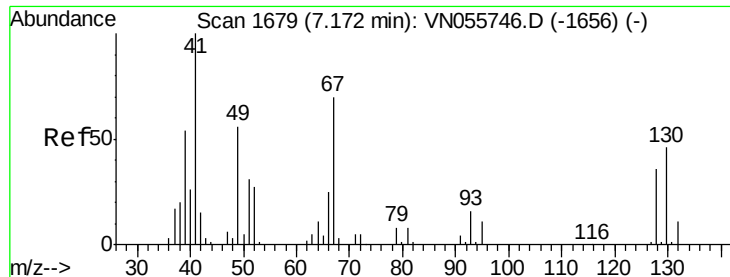
Tot Ion: 83 Resp: 248331
Ion Ratio Lower Upper
83 100
55 72.2 59.3 88.9
98 46.9 36.6 54.8



#40
Benzene
Concen: 48.385 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 78 Resp: 641820
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 38.378 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 82477

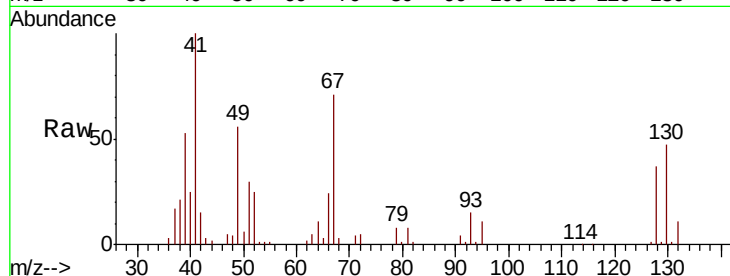
Ion Ratio Lower Upper

41 100

39 72.7 45.6 68.4#

67 102.6 67.7 101.5#

52 39.9 26.6 40.0

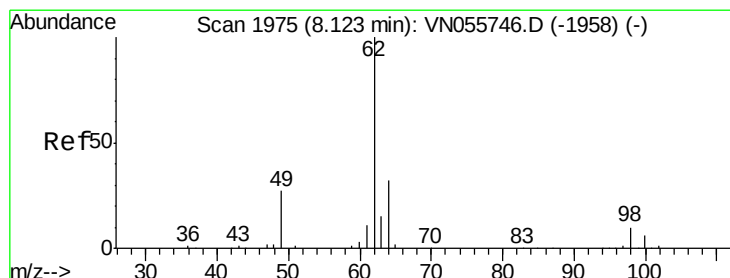
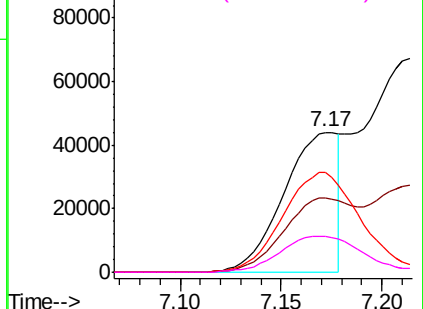
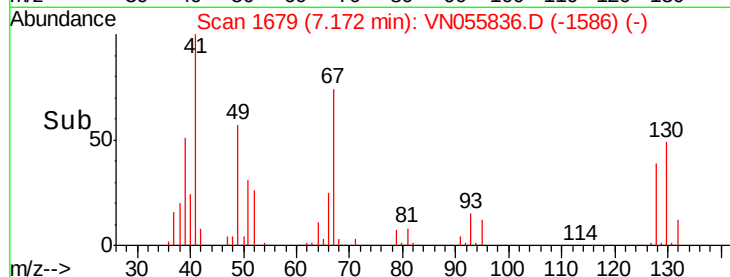


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 47.318 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN055836.D

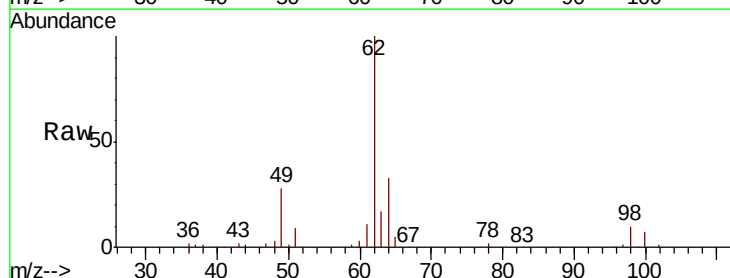
Acq: 25 May 2019 8:49

Tgt Ion: 62 Resp: 205098

Ion Ratio Lower Upper

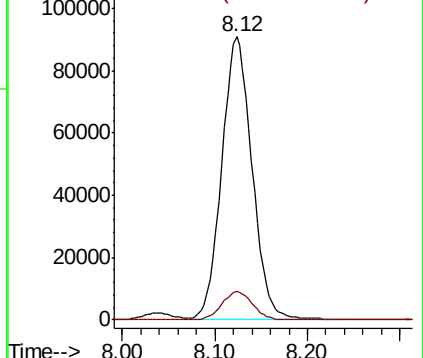
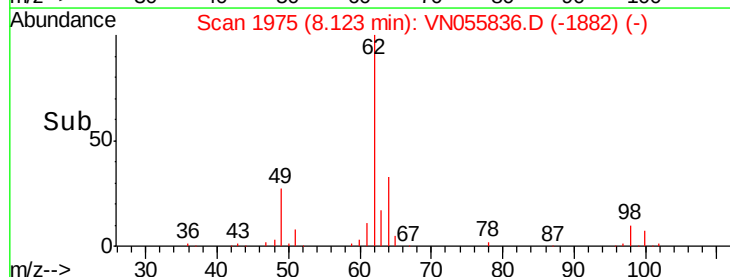
62 100

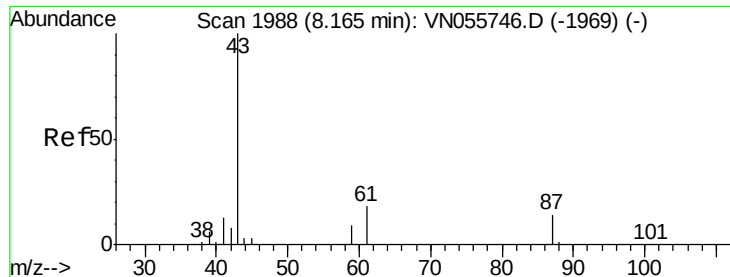
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 46.469 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

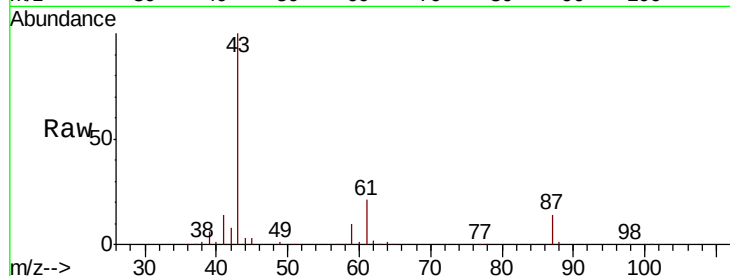
Tot Ion: 43 Resp: 332129

Ion Ratio Lower Upper

43 100

61 27.6 22.2 33.4

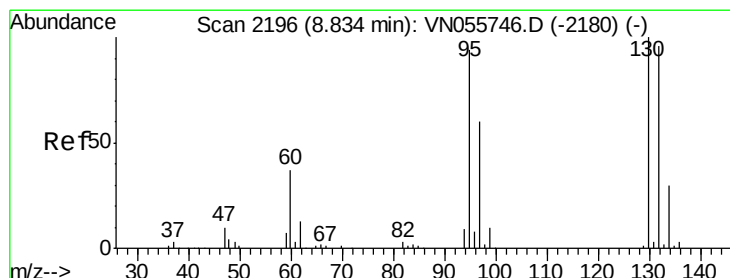
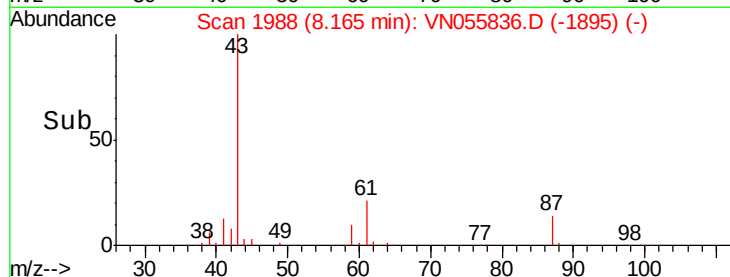
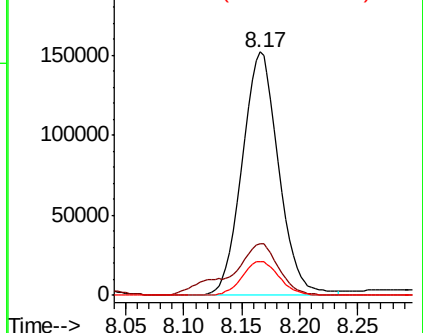
87 14.3 11.4 17.2



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: 49.520 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055836.D

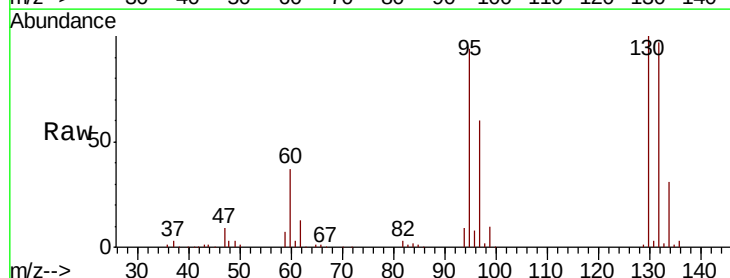
Acq: 25 May 2019 8:49

Tgt Ion: 130 Resp: 183123

Ion Ratio Lower Upper

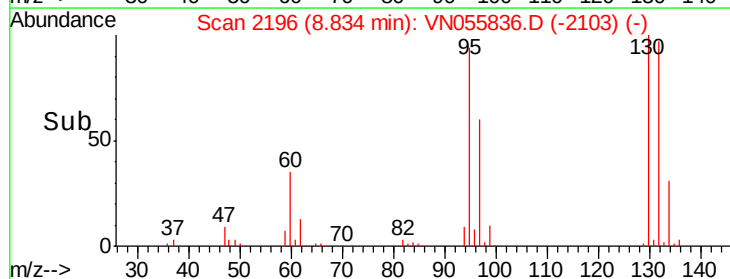
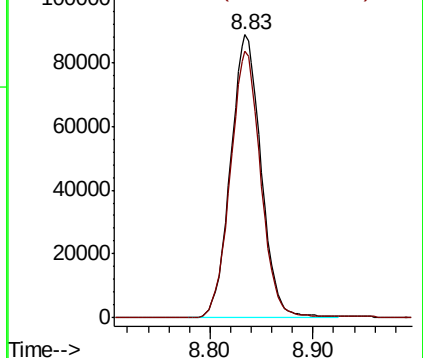
130 100

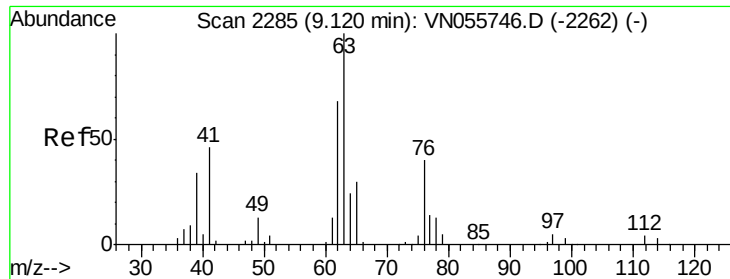
95 94.3 0.0 188.0



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

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

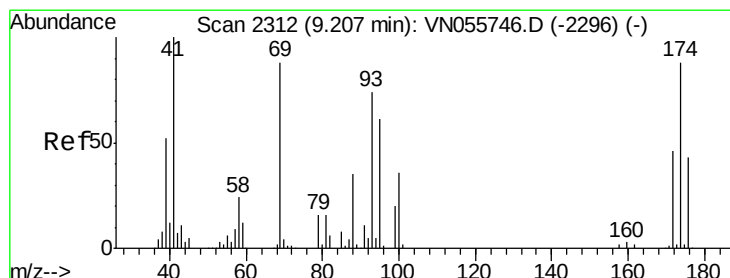
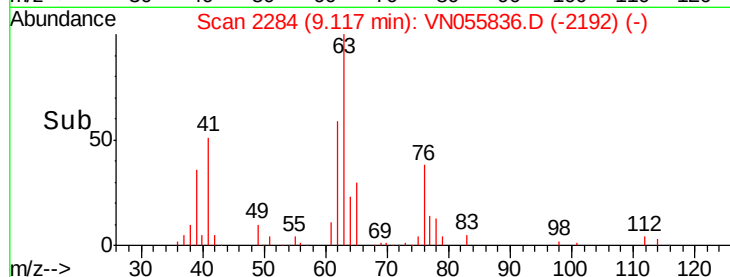
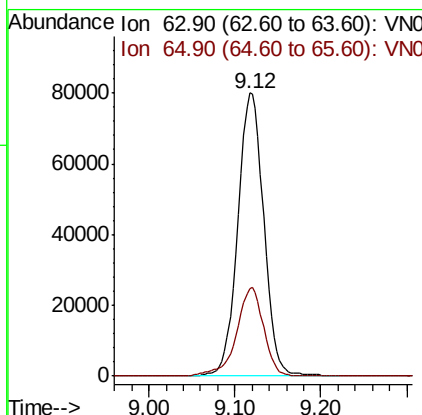
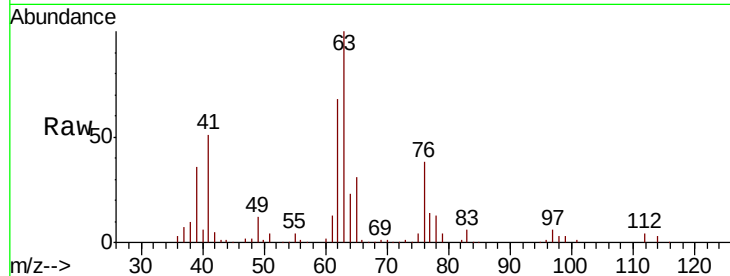




#45
 1,2-Dichloropropane
 Concen: 48.605 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

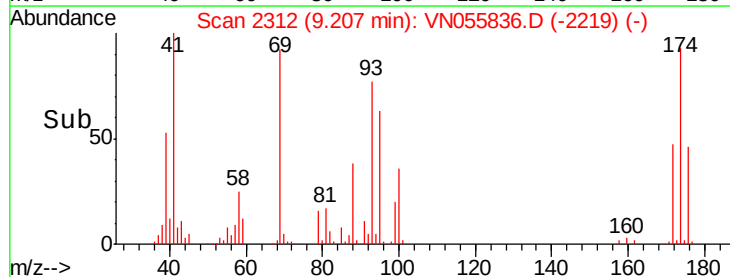
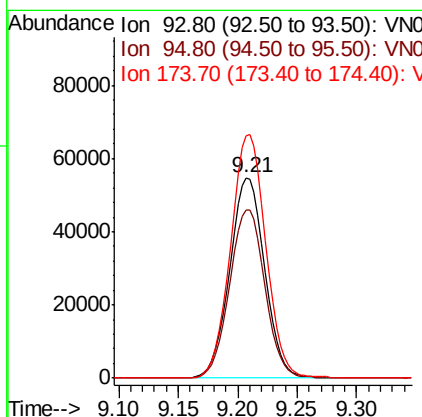
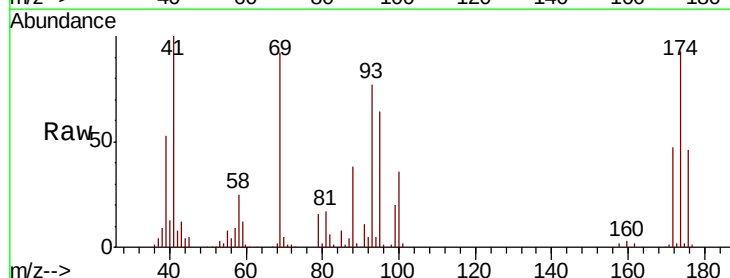
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

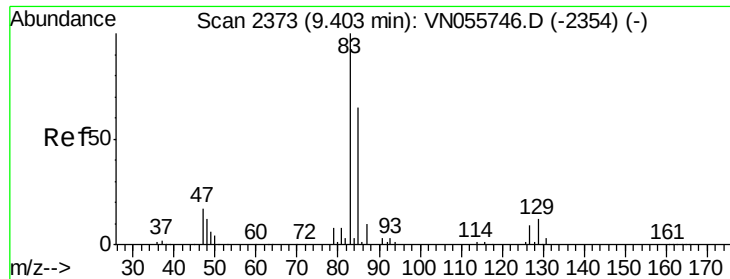
Tot Ion: 63 Resp: 167981
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 49.196 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 93 Resp: 111503
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.7 100.1
 174 122.4 96.4 144.6





#47

Bromodichloromethane

Concen: 46.956 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

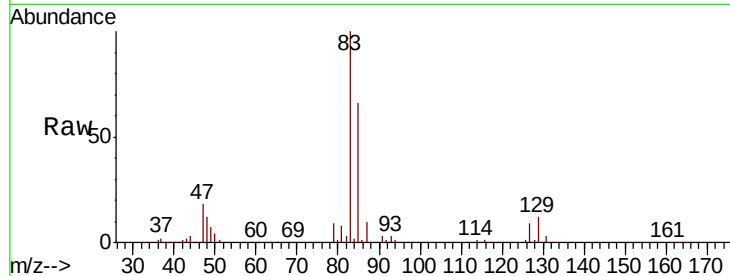
Tot Ion: 83 Resp: 218231

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

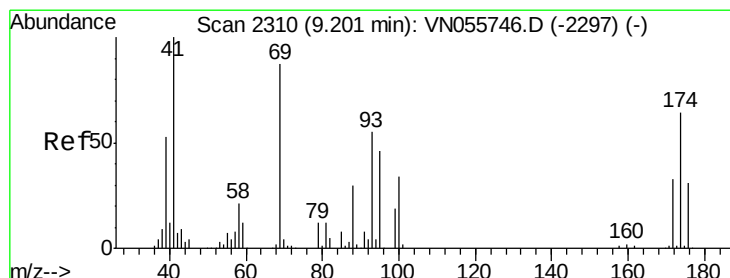
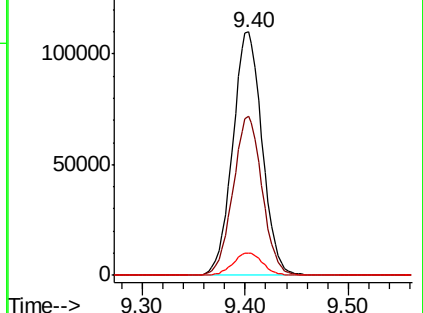
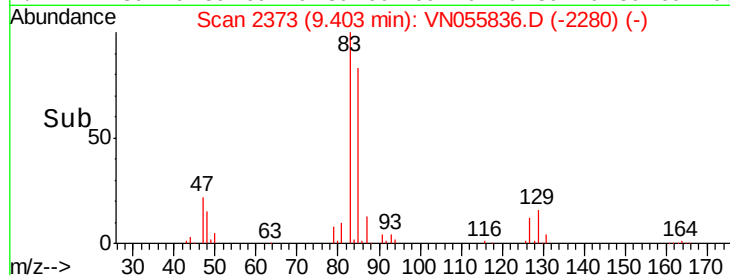
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055836.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055836.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055836.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.942 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

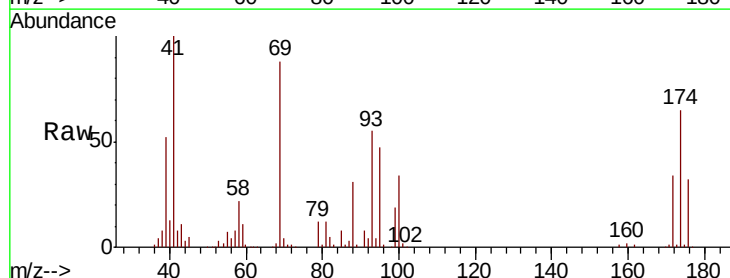
Tgt Ion: 41 Resp: 164510

Ion Ratio Lower Upper

41 100

69 89.4 71.0 106.6

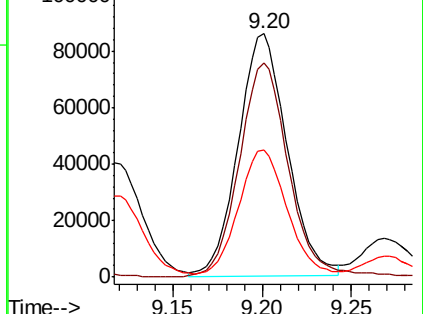
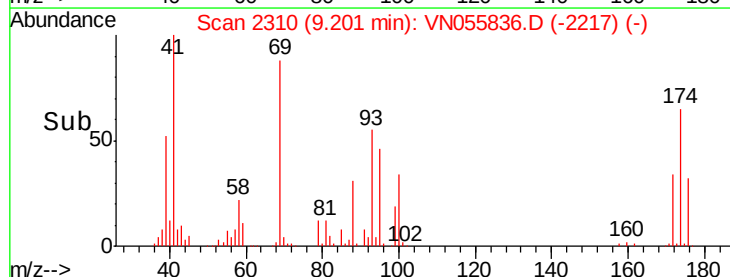
39 52.6 44.2 66.2

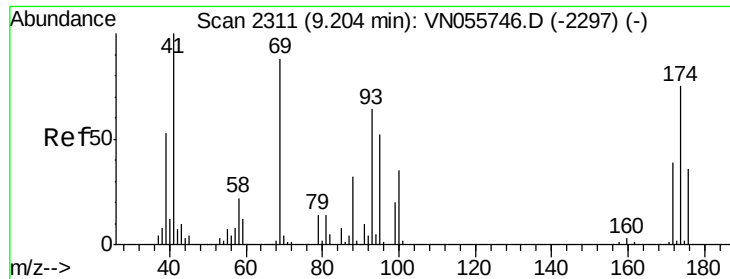


Abundance Ion 41.00 (40.70 to 41.70): VN055836.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055836.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055836.D (-2217) (-)





#49

1,4-Dioxane

Concen: 929.497 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

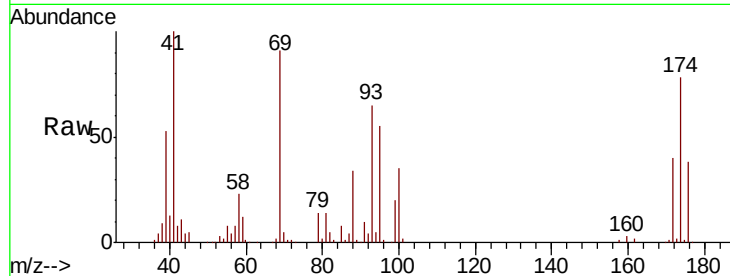
Tot Ion: 88 Resp: 63626

Ion Ratio Lower Upper

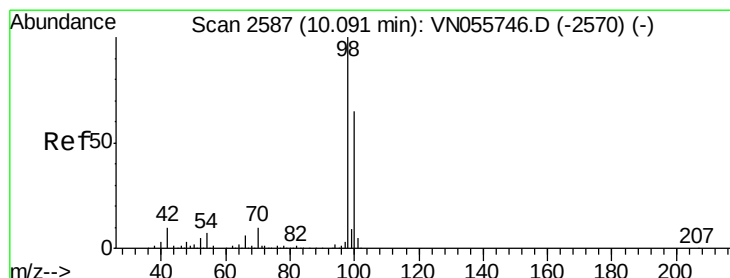
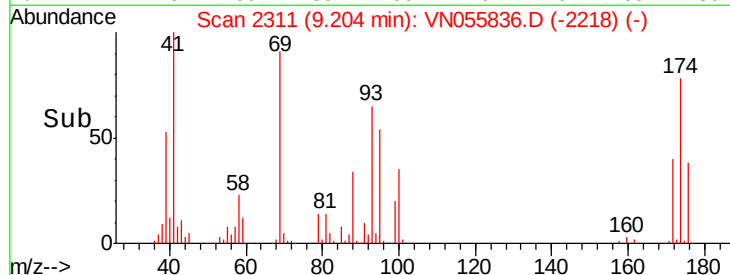
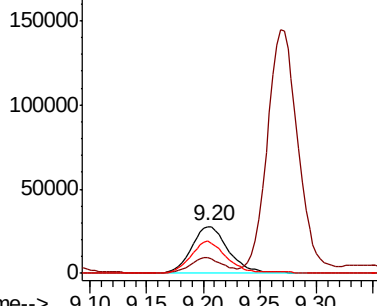
88 100

43 27.1 20.5 30.7

58 65.2 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: 50.550 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055836.D

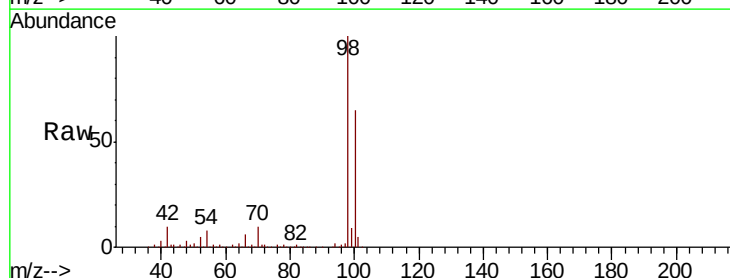
Acq: 25 May 2019 8:49

Tgt Ion: 98 Resp: 619165

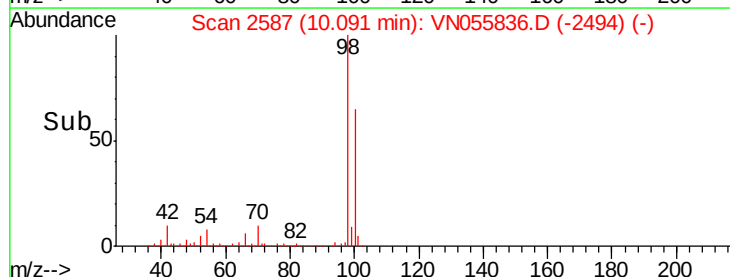
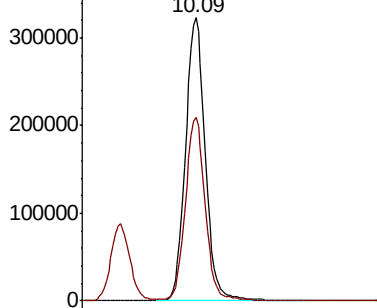
Ion Ratio Lower Upper

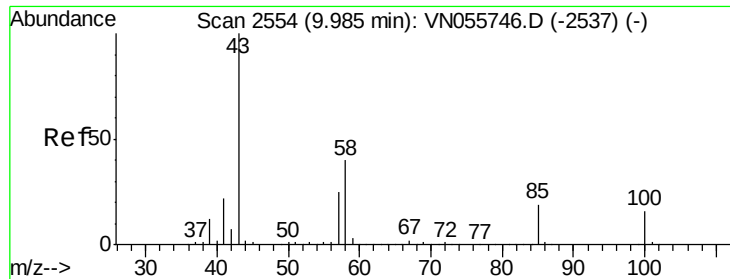
98 100

100 65.0 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: 240.936 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

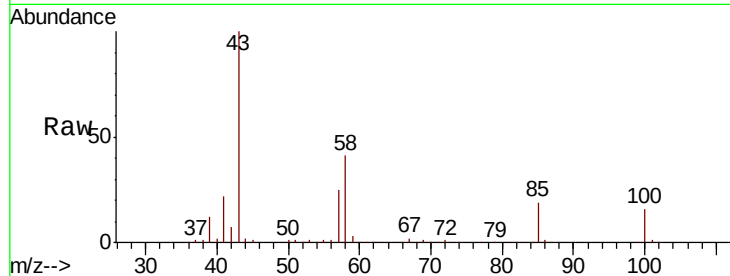
VSTDCCC050EC

Tot Ion: 43 Resp: 1017035

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

600000

500000

400000

300000

200000

100000

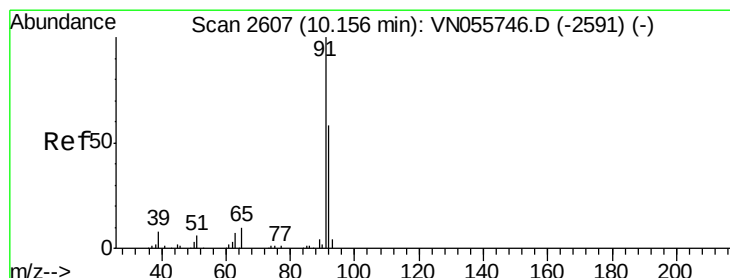
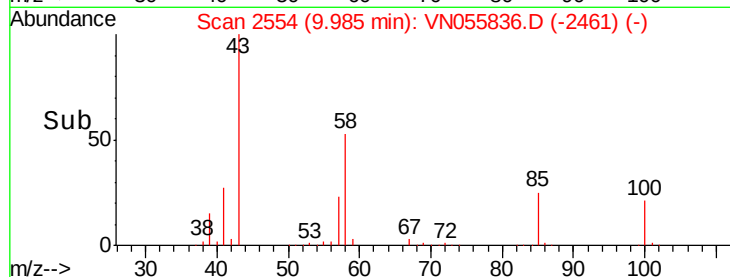
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 49.134 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055836.D

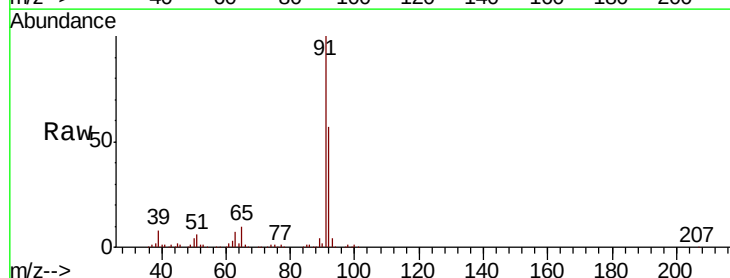
Acq: 25 May 2019 8:49

Tgt Ion: 92 Resp: 409908

Ion Ratio Lower Upper

92 100

91 173.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

200000

100000

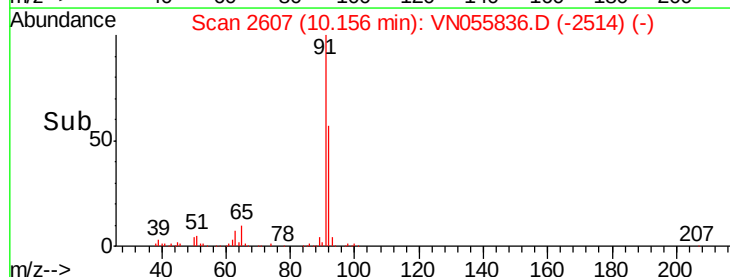
0

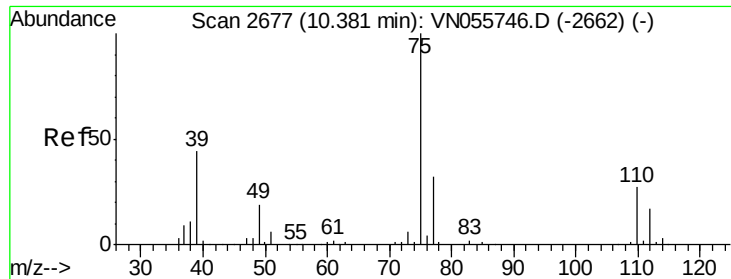
10.10

10.20

10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 43.193 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

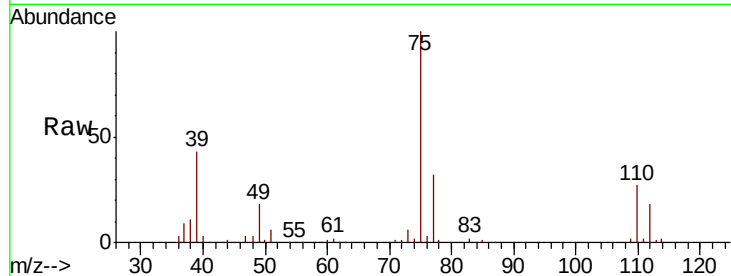
VSTDCCC050EC

Tot Ion: 75 Resp: 214277

Ion Ratio Lower Upper

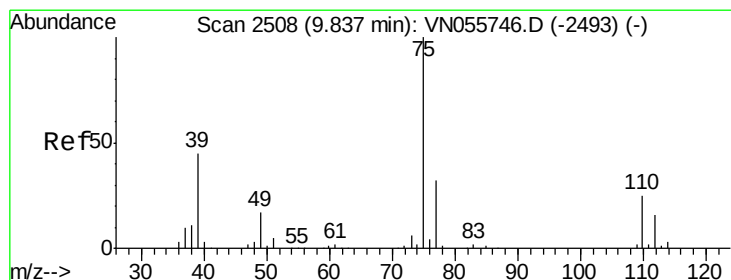
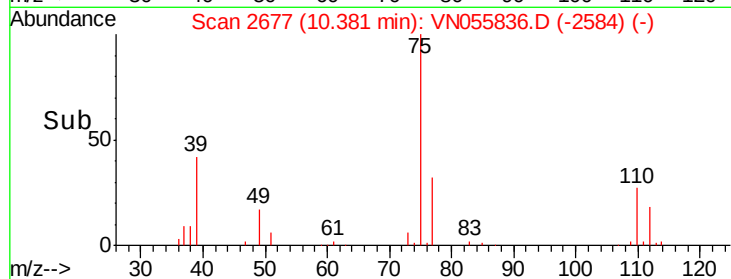
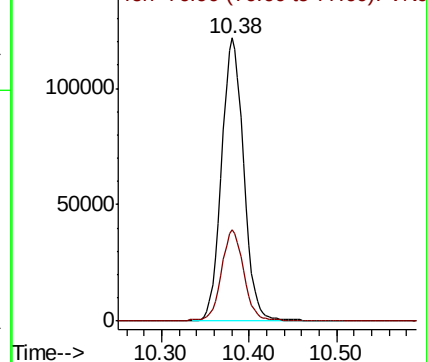
75 100

77 32.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 43.703 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

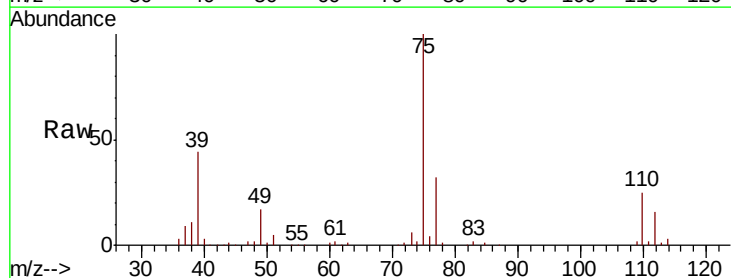
Tgt Ion: 75 Resp: 240177

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

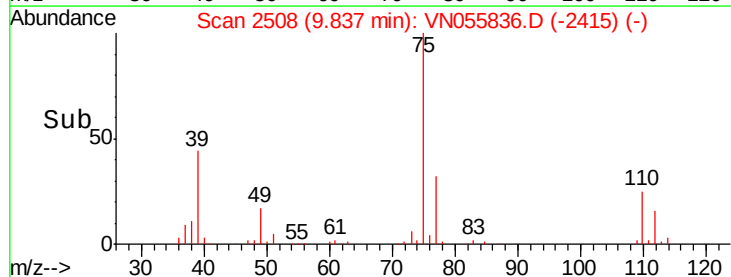
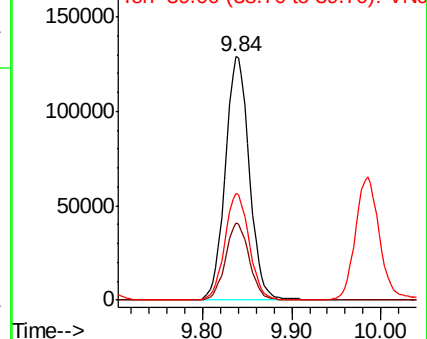
39 44.0 36.3 54.5

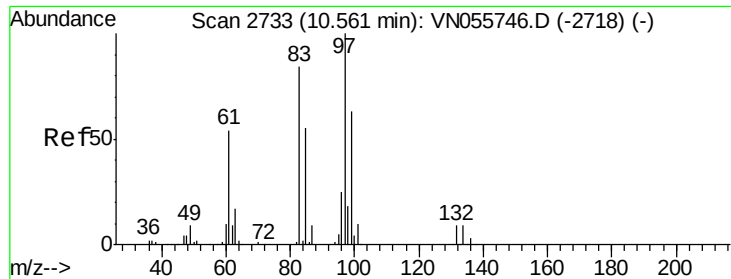


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

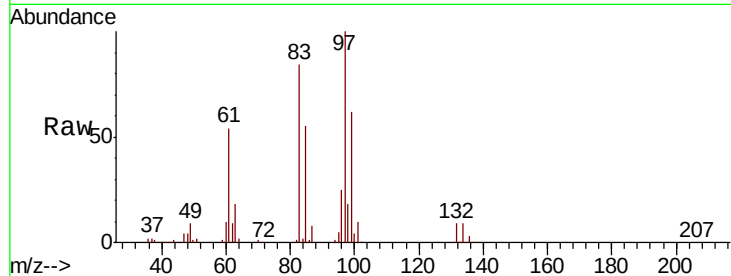




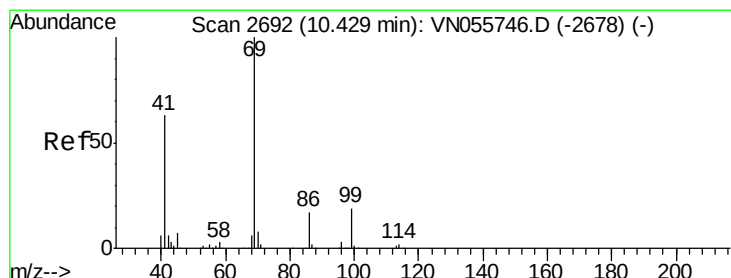
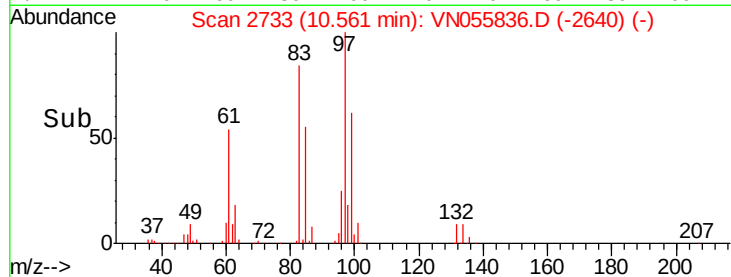
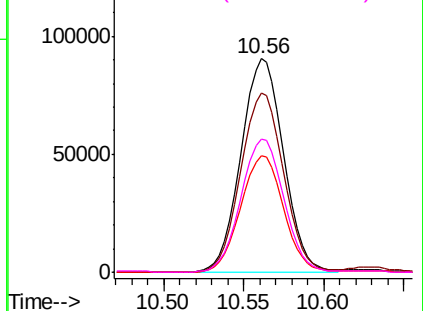
#55
 1,1,2-Trichloroethane
 Concen: 49.233 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 97 Resp: 164542
 Ion Ratio Lower Upper
 97 100
 83 84.1 67.0 100.6
 85 54.7 44.0 66.0
 99 62.2 50.6 75.8

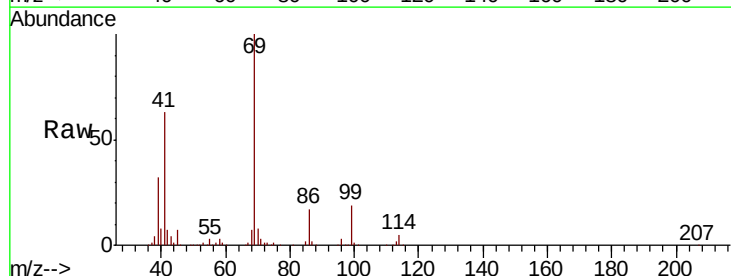


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

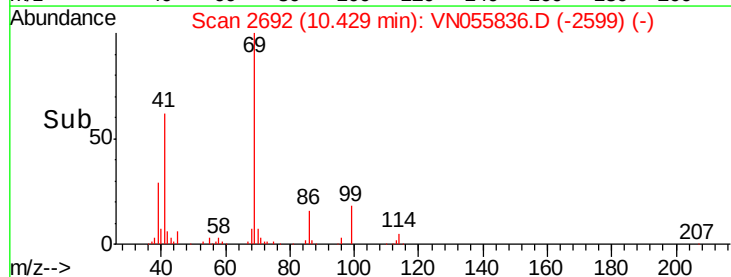
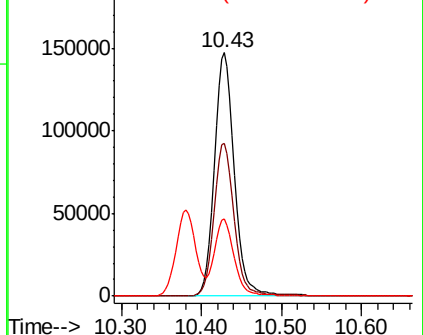


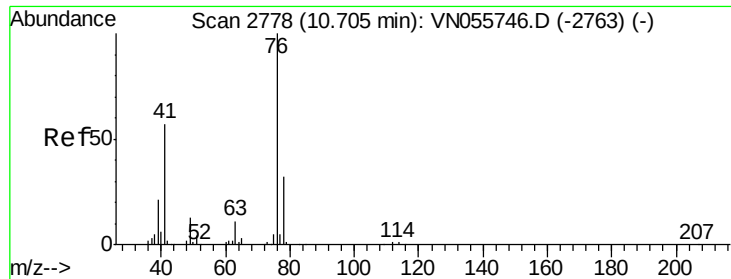
#56
 Ethyl methacrylate
 Concen: 49.449 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 69 Resp: 255413
 Ion Ratio Lower Upper
 69 100
 41 62.5 49.7 74.5
 39 30.7 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

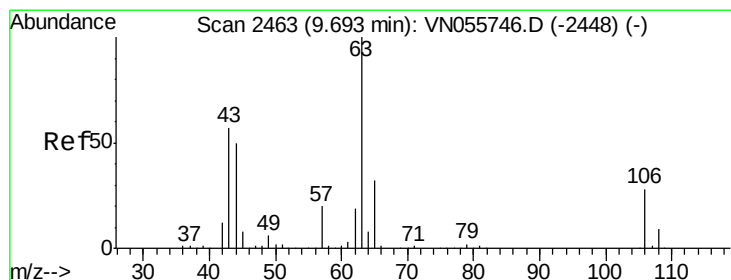
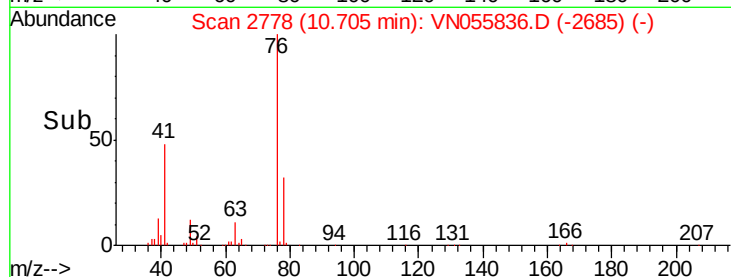
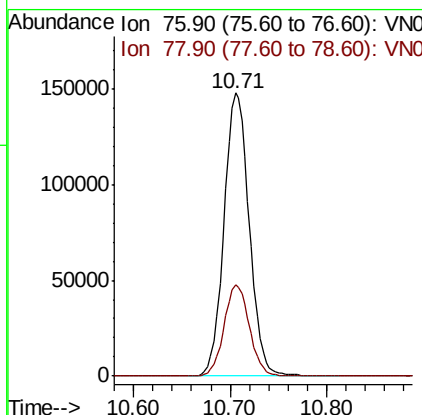
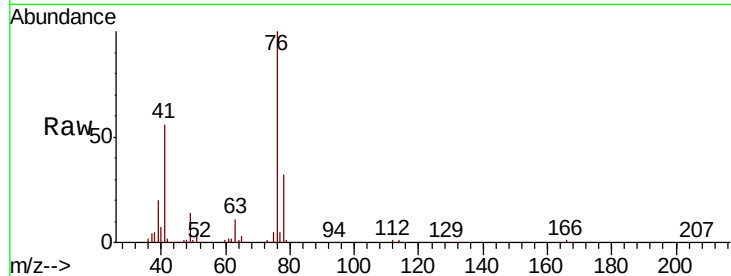




#57
 1,3-Dichloropropane
 Concen: 49.219 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

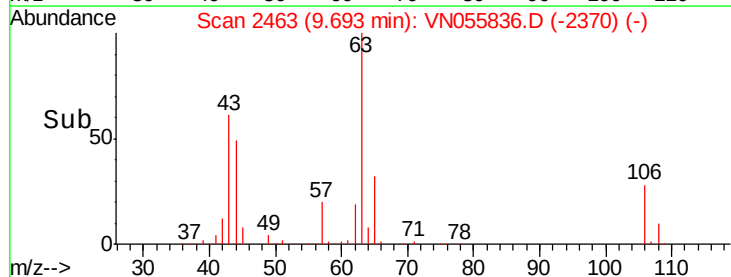
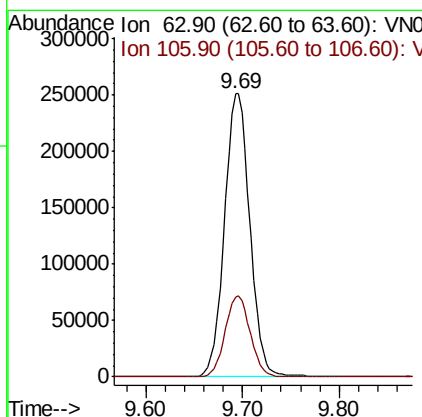
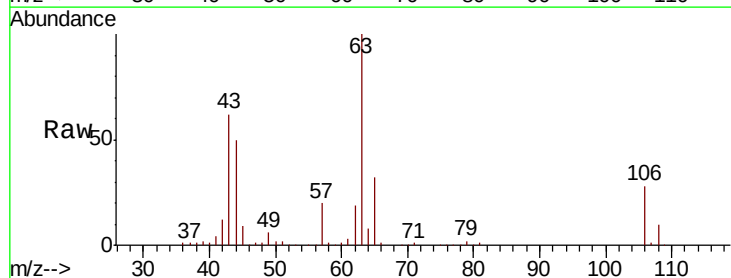
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

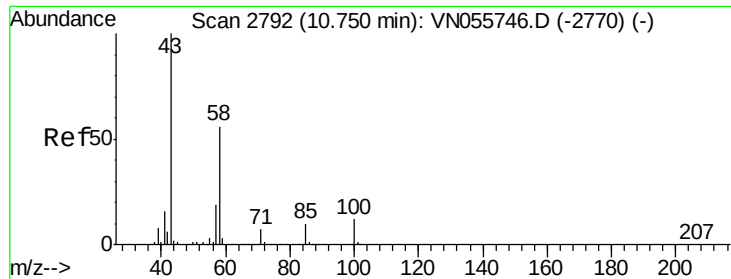
Tot Ion: 76 Resp: 267383
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 231.529 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 63 Resp: 457020
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.7 34.1

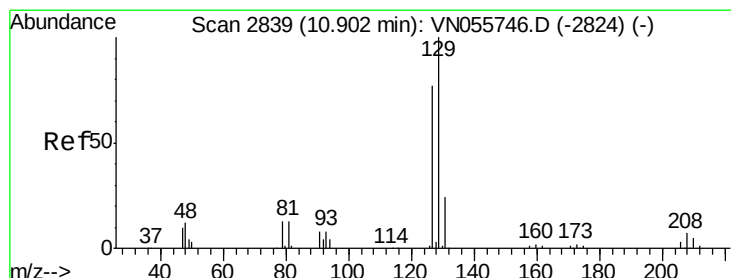
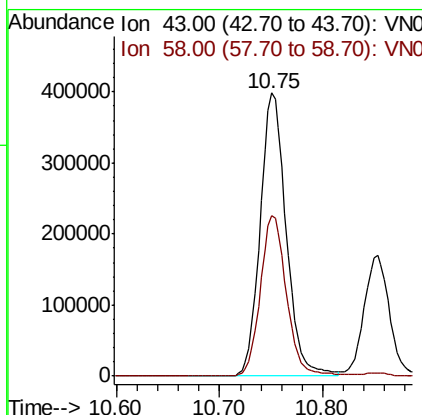
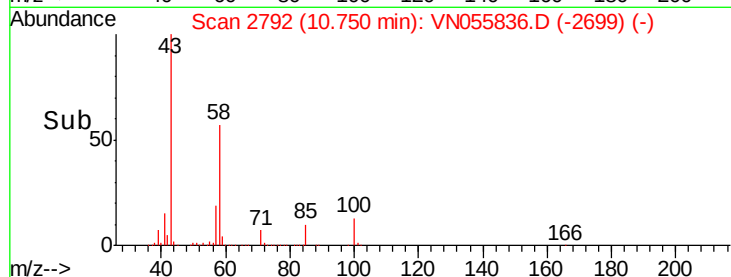
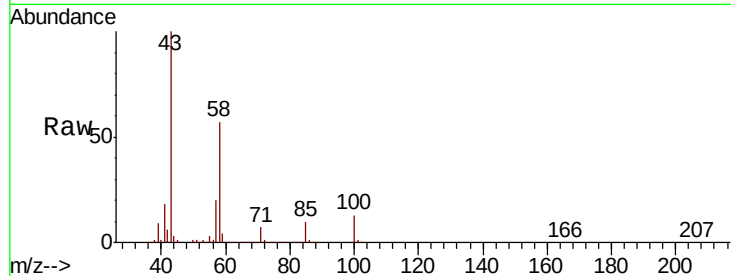




#59
2-Hexanone
Concen: 231.769 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

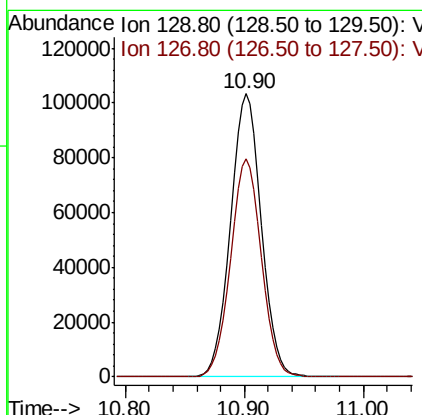
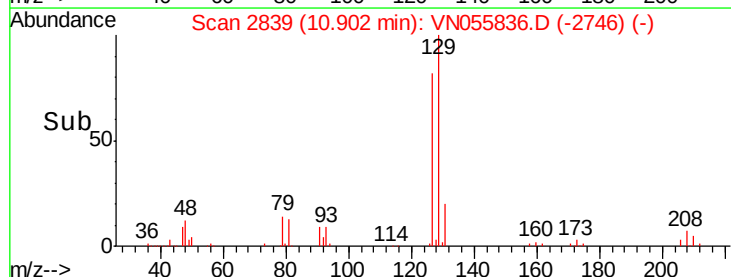
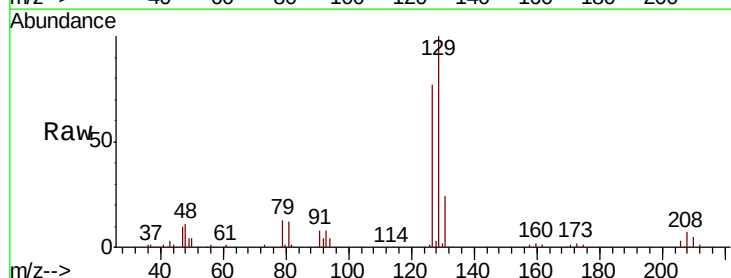
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

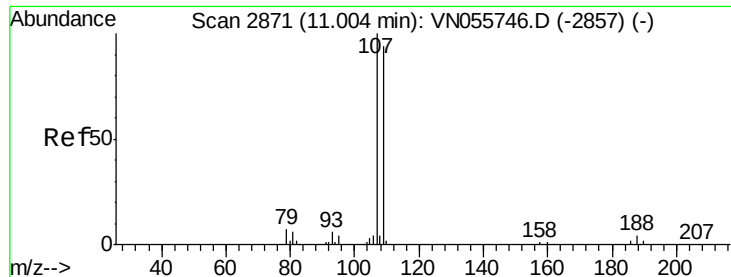
Tot Ion: 43 Resp: 694041
Ion Ratio Lower Upper
43 100
58 57.2 28.2 84.7



#60
Dibromochloromethane
Concen: 47.565 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 129 Resp: 185191
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

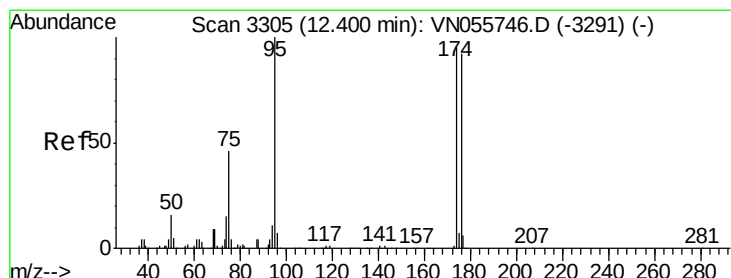
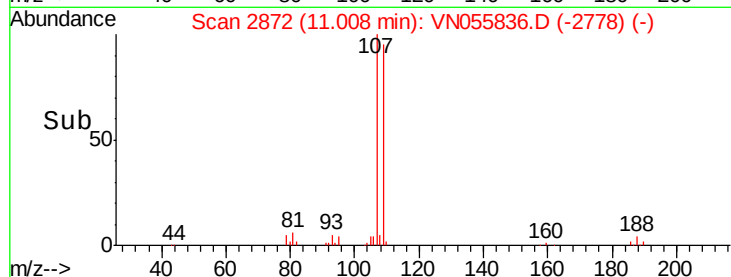
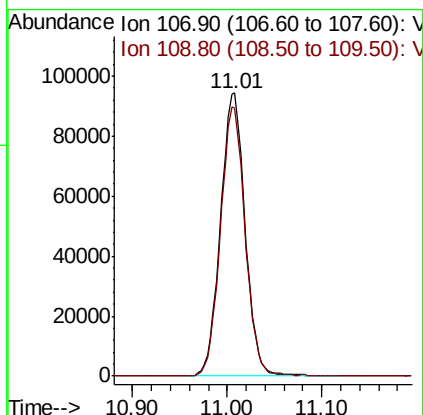
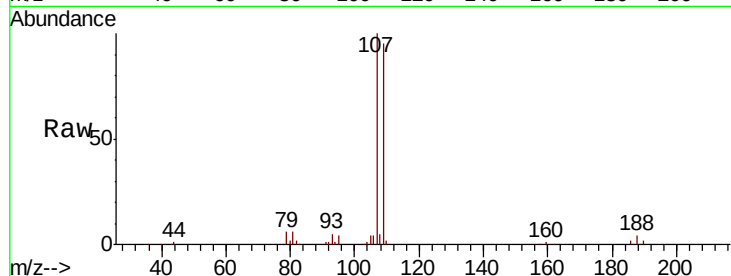




#61
 1,2-Dibromoethane
 Concen: 49.239 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

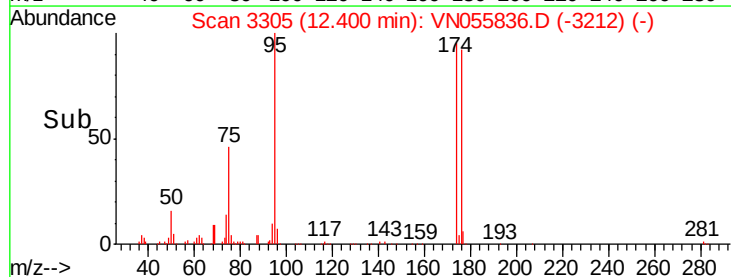
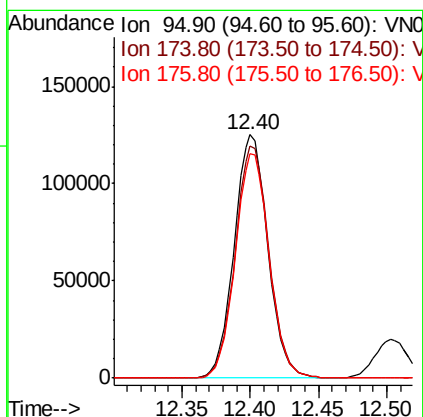
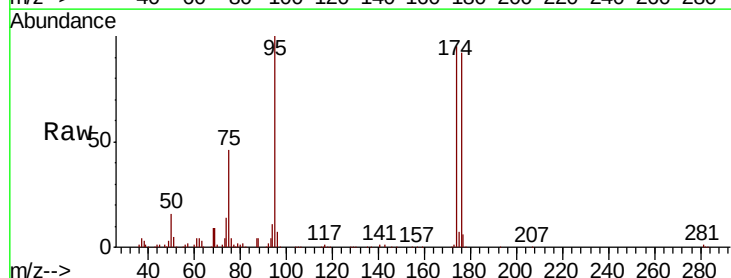
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

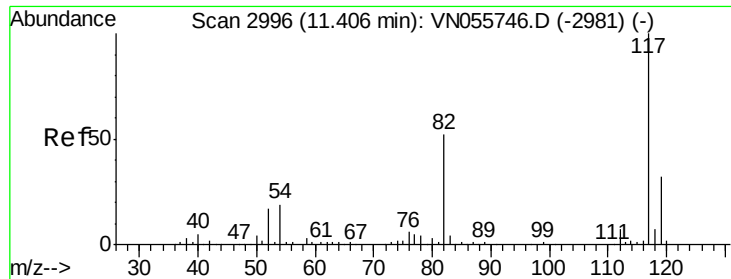
Tot Ion: 107 Resp: 170691
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.008 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 95 Resp: 214227
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 191.0
 176 92.8 0.0 185.2

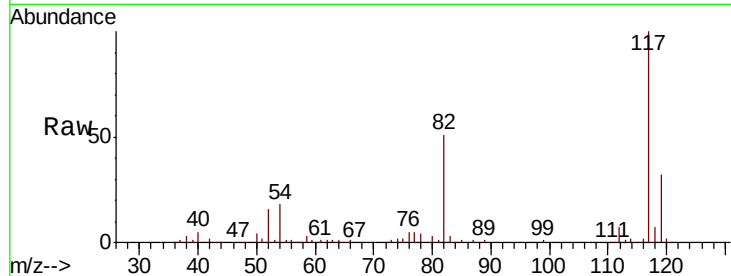




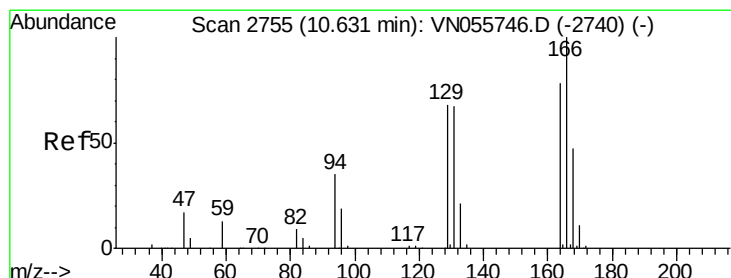
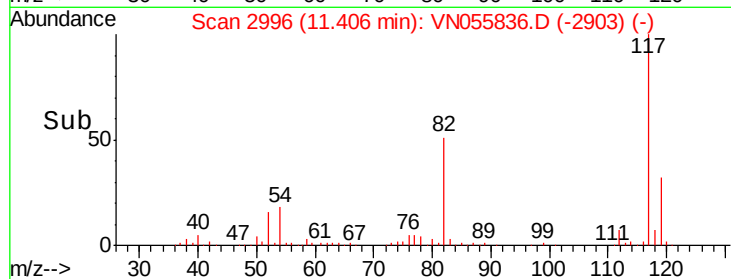
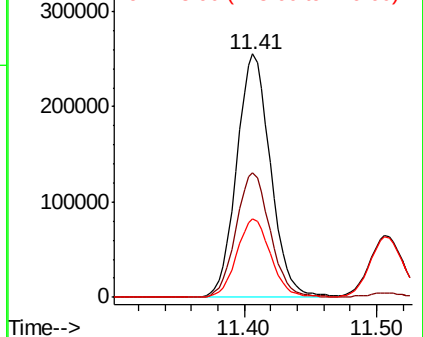
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 453344
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.5 25.4 38.0

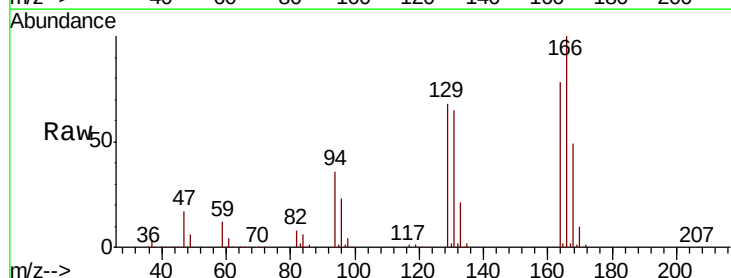


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

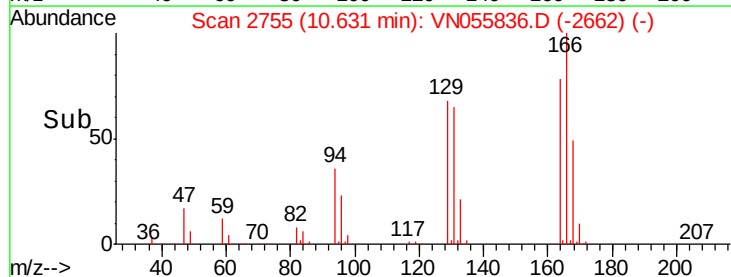
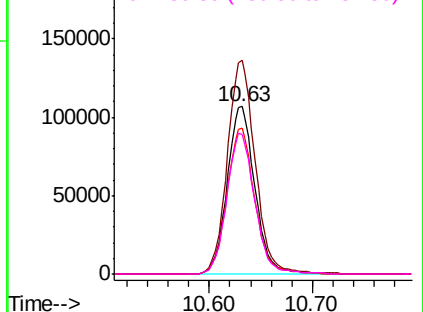


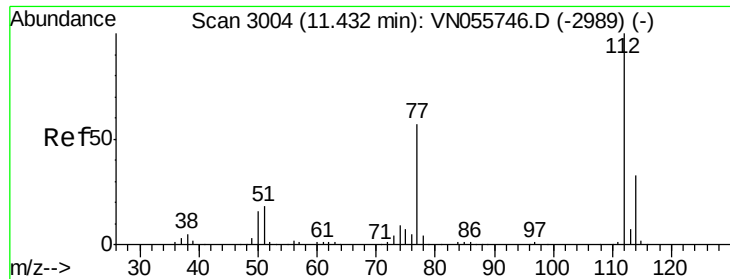
#64
Tetrachloroethene
Concen: 52.301 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion:164 Resp: 199978
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 87.3 70.6 105.8
131 83.5 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

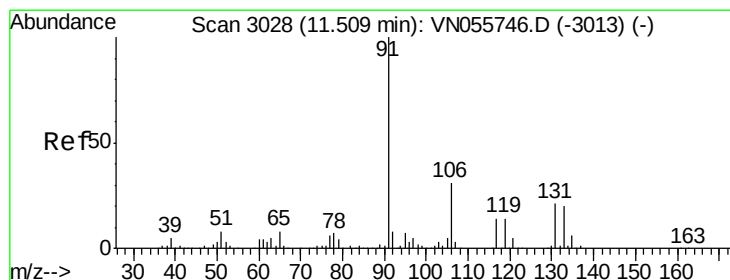
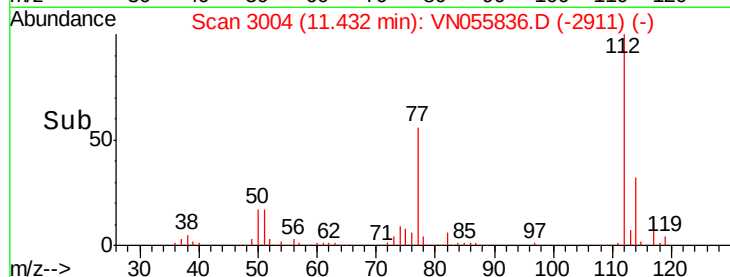
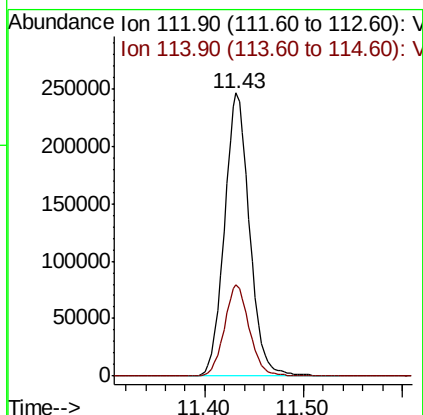
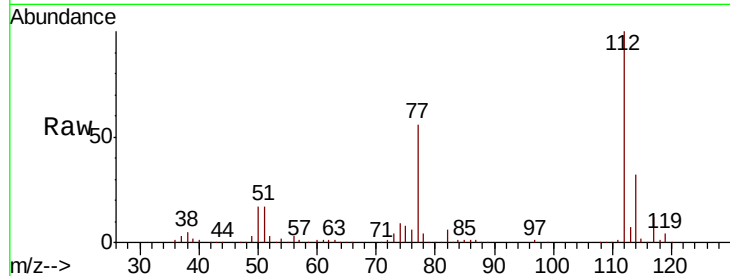




#65
Chlorobenzene
Concen: 48.306 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

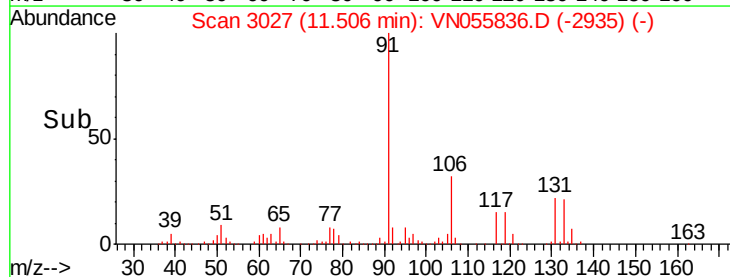
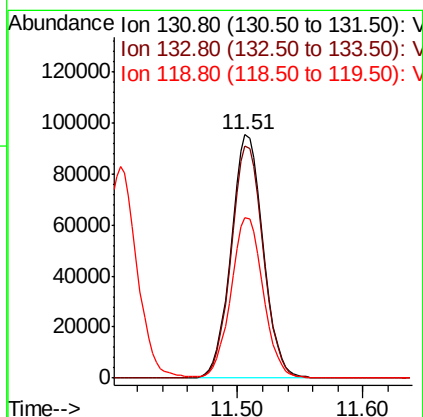
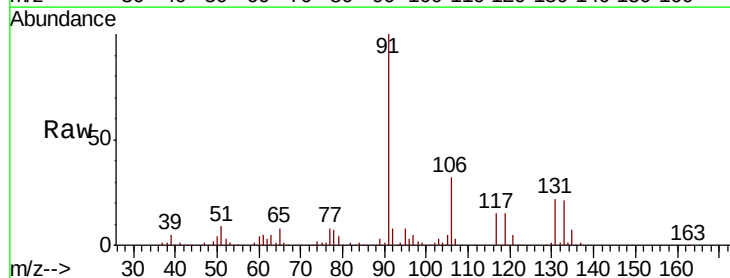
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

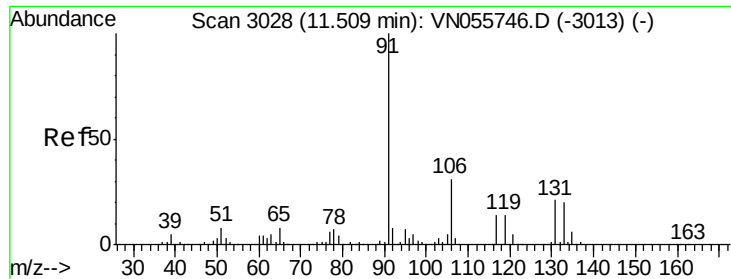
Tot Ion:112 Resp: 438397
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.829 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion:131 Resp: 169504
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 66.4 33.1 99.5

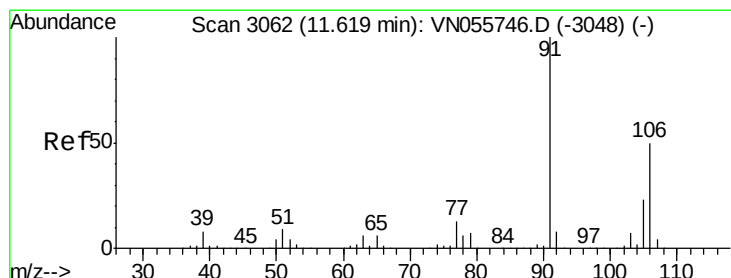
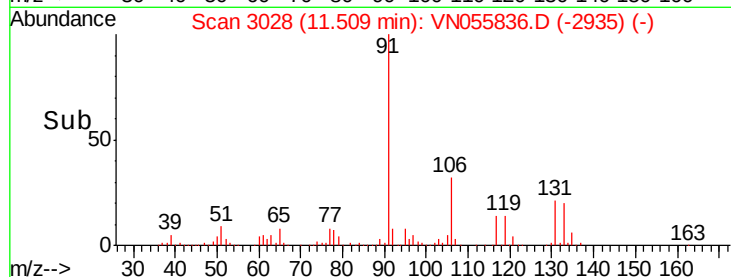
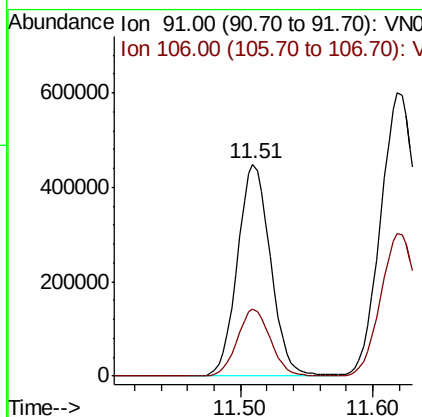
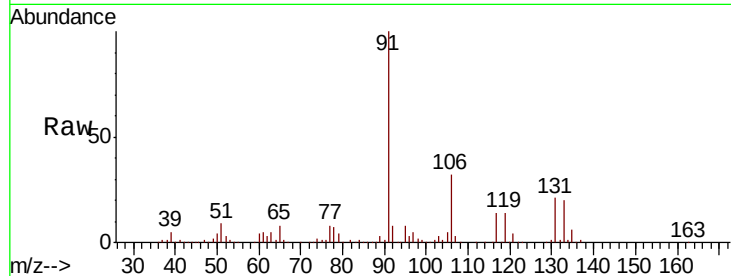




#67
Ethyl Benzene
Concen: 47.873 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

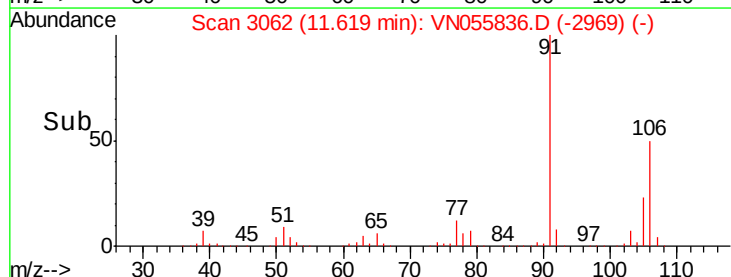
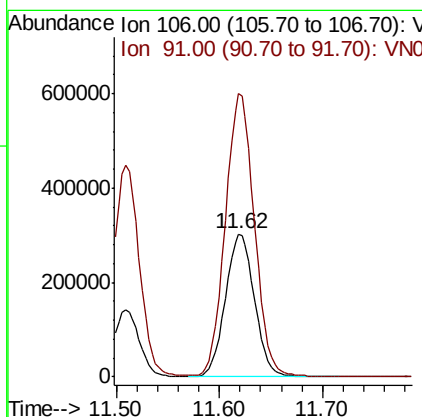
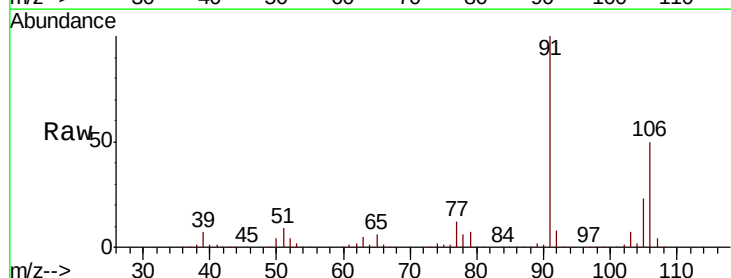
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

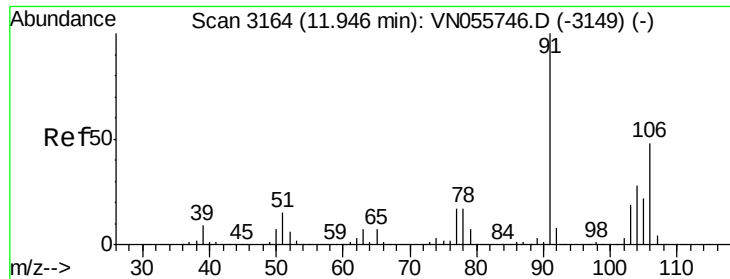
Tot Ion: 91 Resp: 779120
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 96.615 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 106 Resp: 594439
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

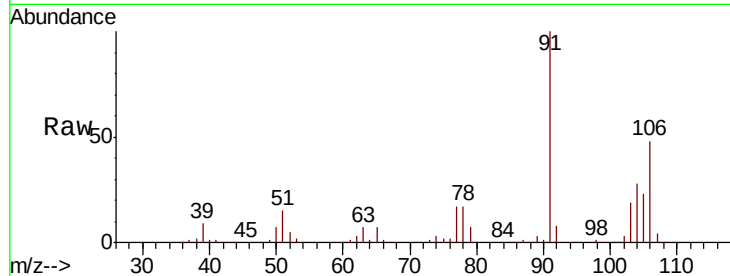




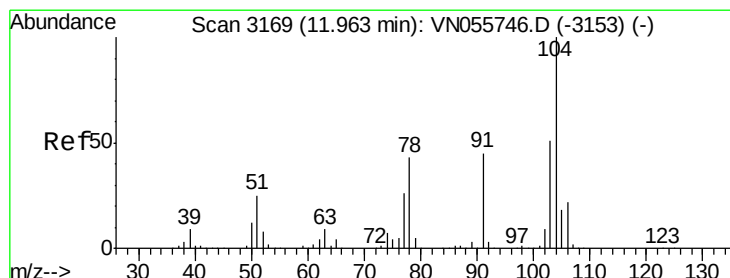
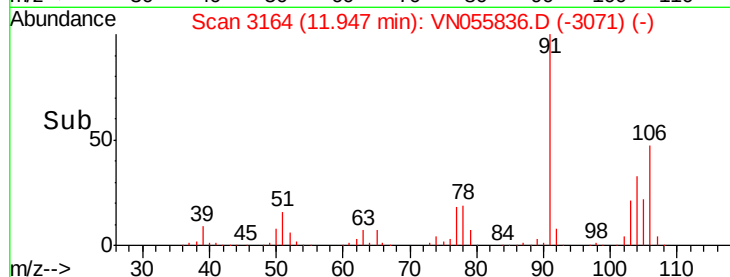
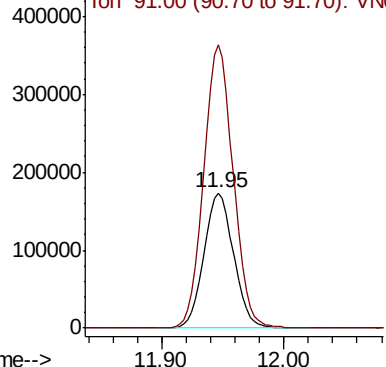
#69
o-Xylene
Concen: 47.821 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 291911
Ion Ratio Lower Upper
106 100
91 208.6 104.7 314.1

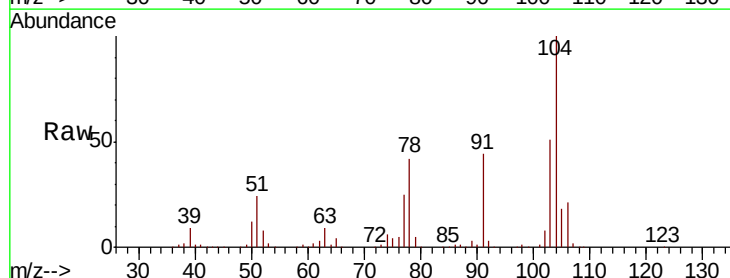


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

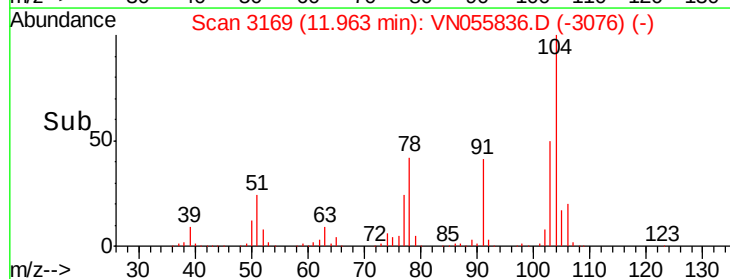
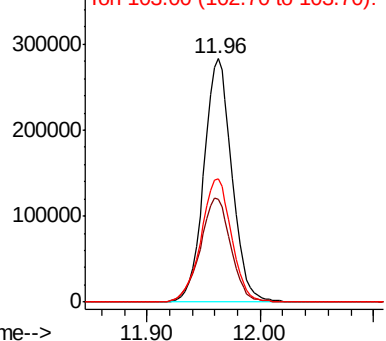


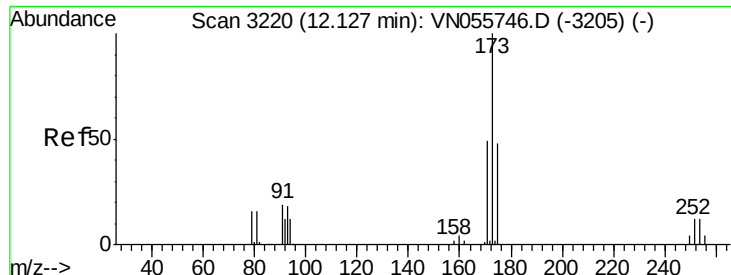
#70
Styrene
Concen: 49.328 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion:104 Resp: 487628
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 55.1 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: 46.483 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

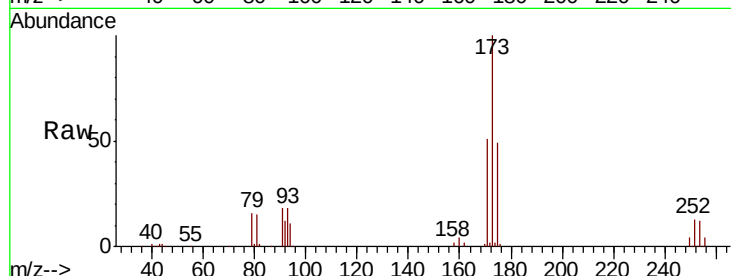
Tot Ion:173 Resp: 143510

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

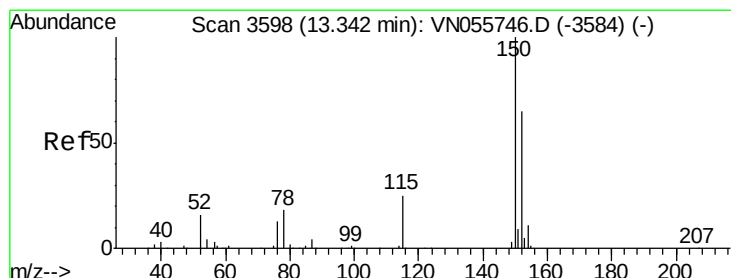
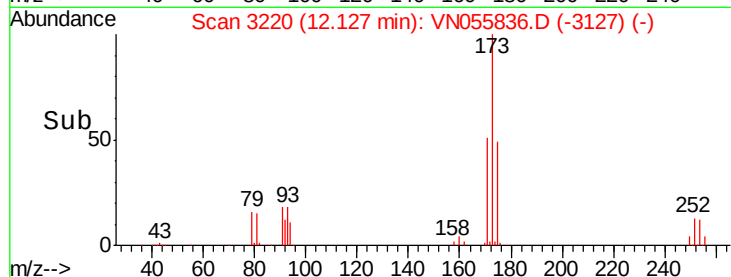
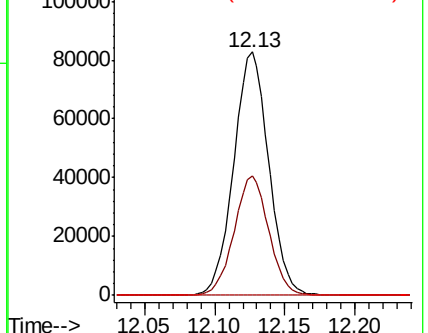
254 0.1 0.0 0.0#



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: VN055836.D

Acq: 25 May 2019 8:49

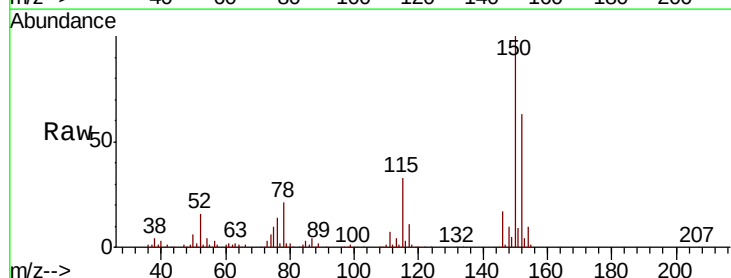
Tgt Ion:152 Resp: 208086

Ion Ratio Lower Upper

152 100

115 52.2 27.0 81.0

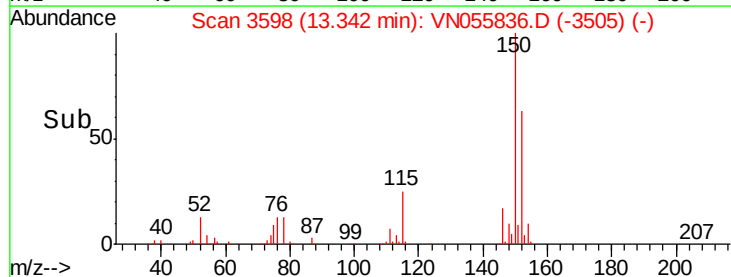
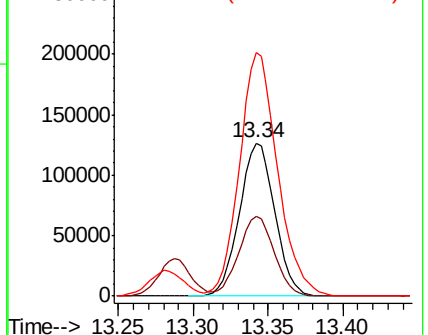
150 171.2 0.0 343.2

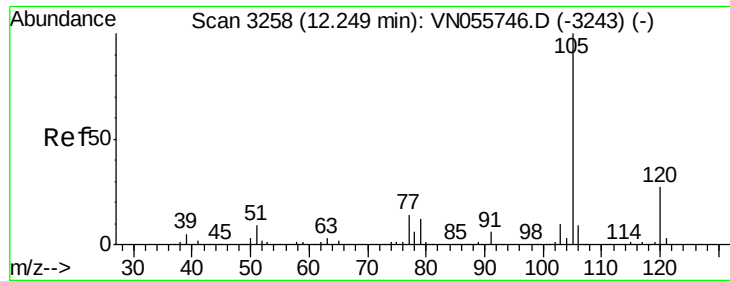


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.042 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

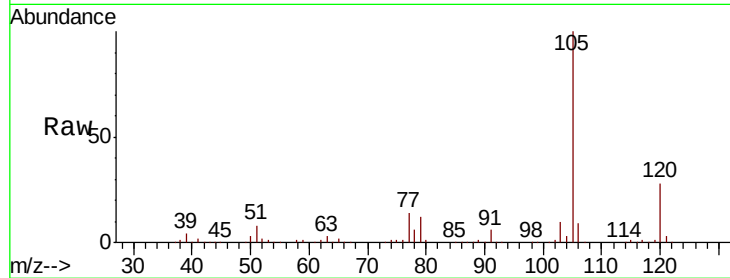
VSTDCCC050EC

Tot Ion:105 Resp: 768710

Ion Ratio Lower Upper

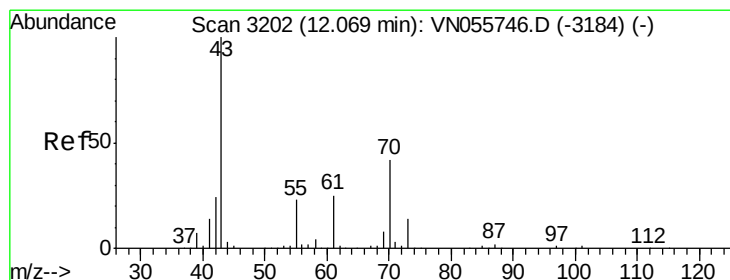
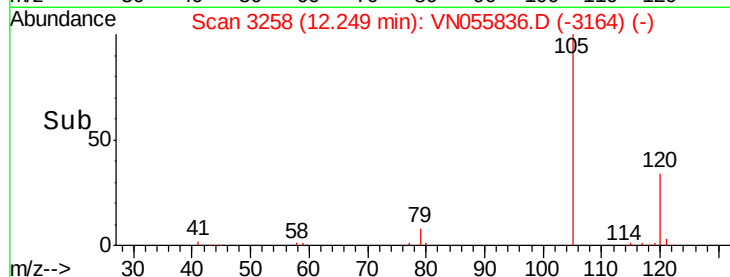
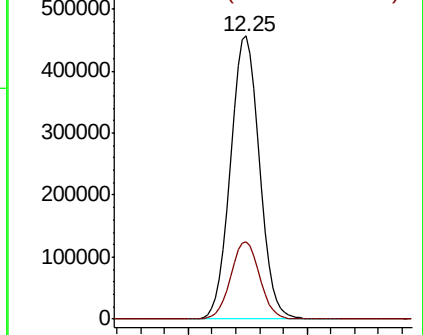
105 100

120 27.4 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: 48.692 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Tgt Ion: 43 Resp: 274705

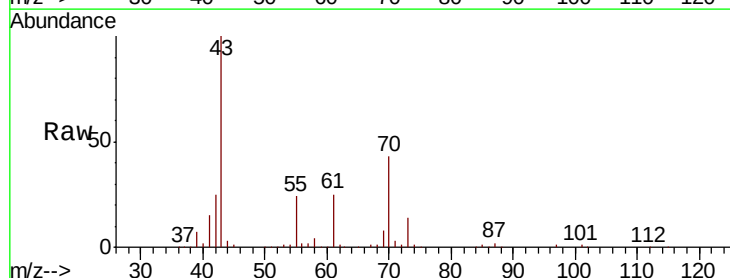
Ion Ratio Lower Upper

43 100

70 43.4 34.0 51.0

55 24.0 18.6 28.0

61 25.2 20.0 30.0

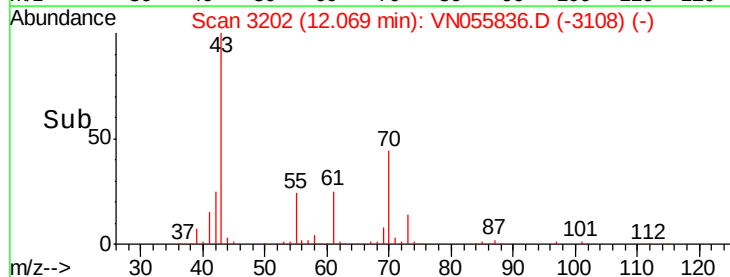
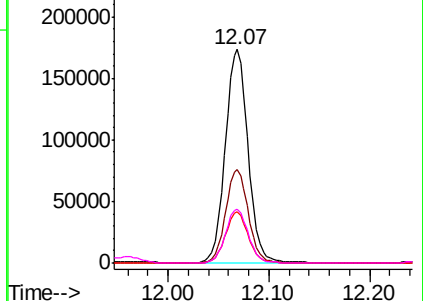


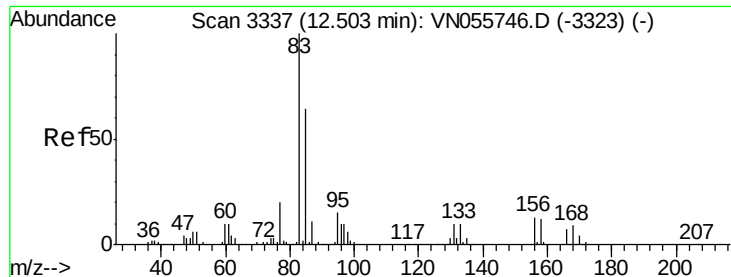
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.721 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

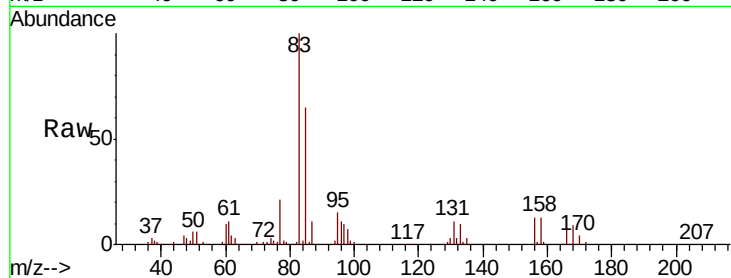
Tot Ion: 83 Resp: 222145

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

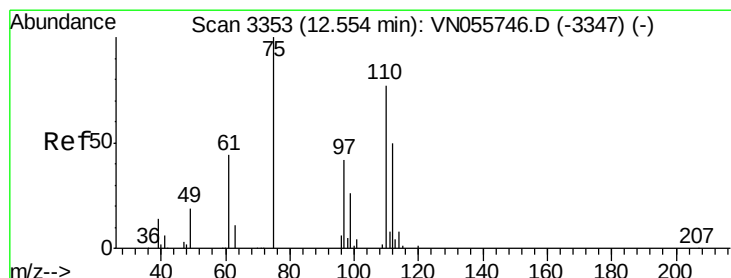
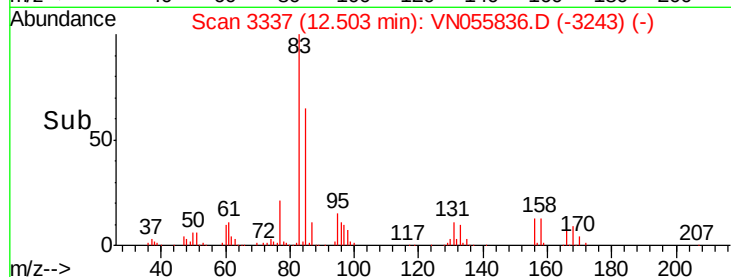
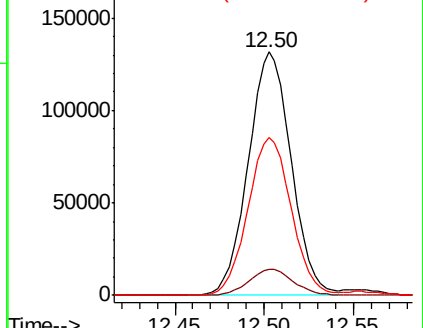
85 65.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.552 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055836.D

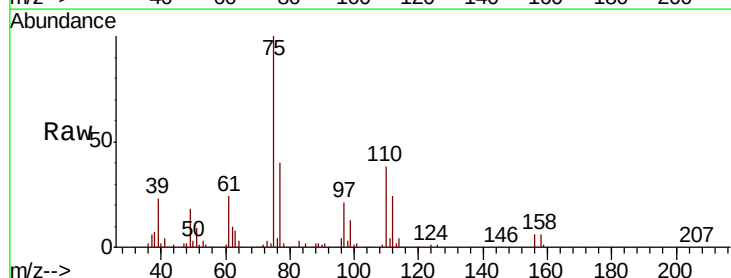
Acq: 25 May 2019 8:49

Tgt Ion: 75 Resp: 261583

Ion Ratio Lower Upper

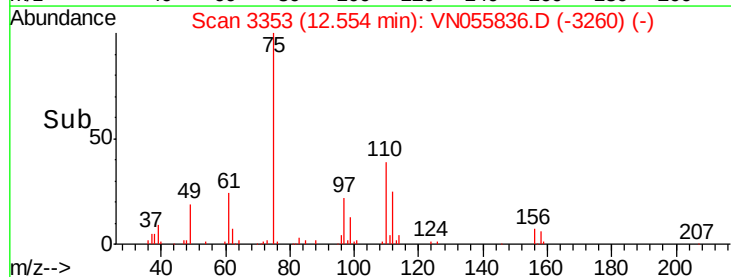
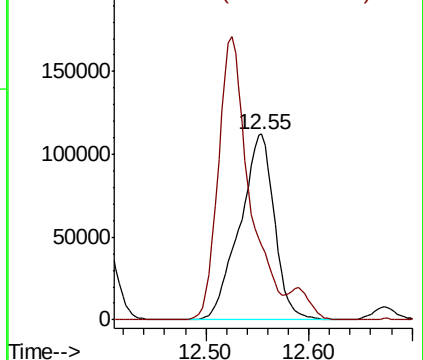
75 100

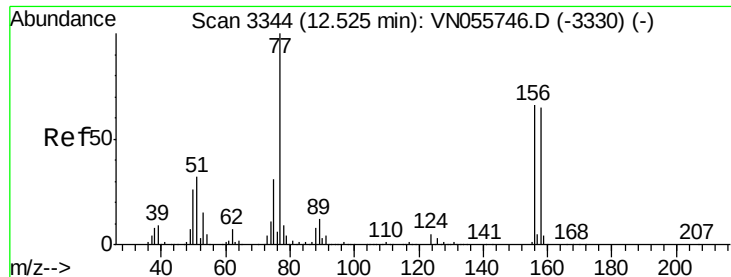
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.306 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

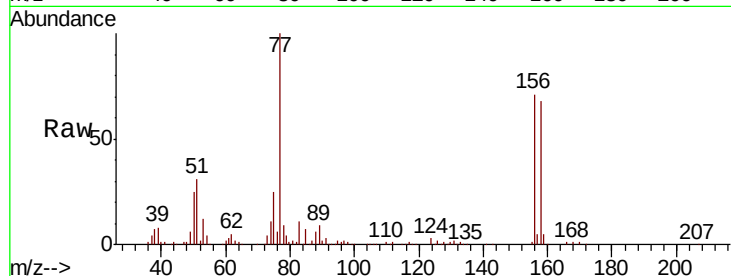
Tot Ion:156 Resp: 210054

Ion Ratio Lower Upper

156 100

77 171.2 90.8 272.5

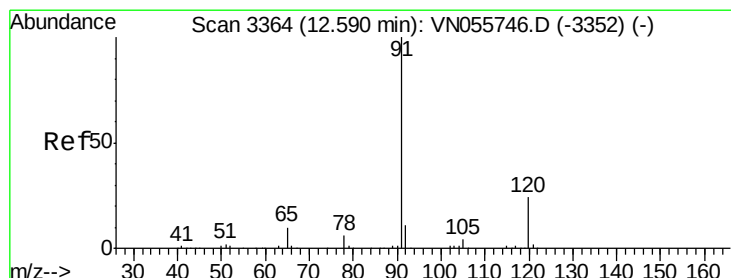
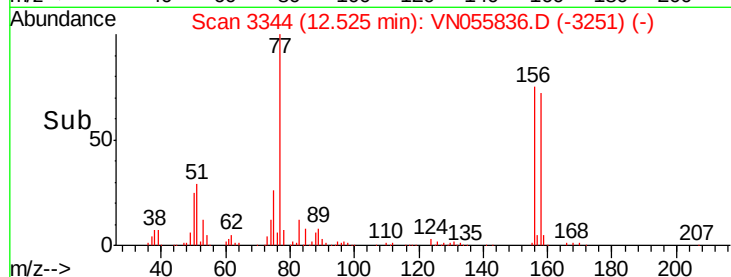
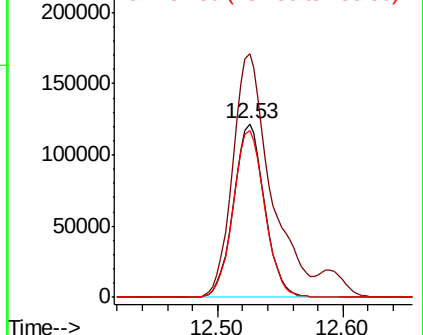
158 97.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.678 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055836.D

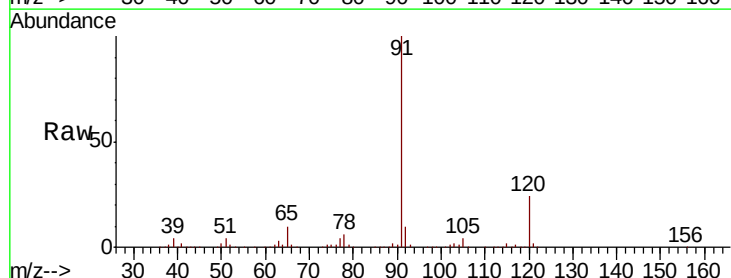
Acq: 25 May 2019 8:49

Tgt Ion: 91 Resp: 826116

Ion Ratio Lower Upper

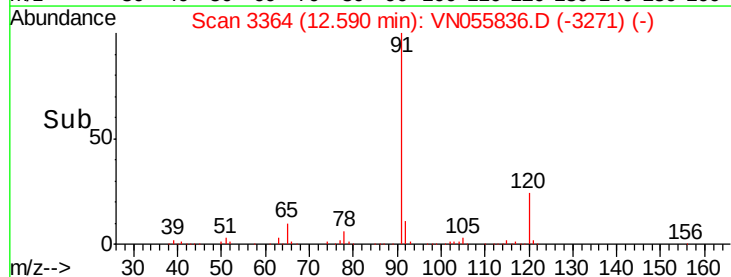
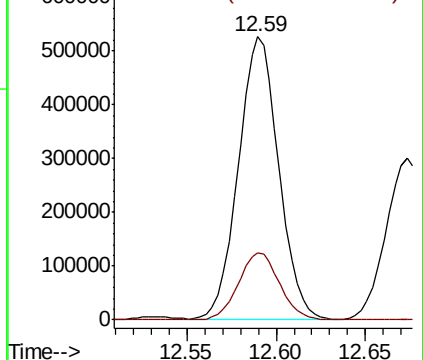
91 100

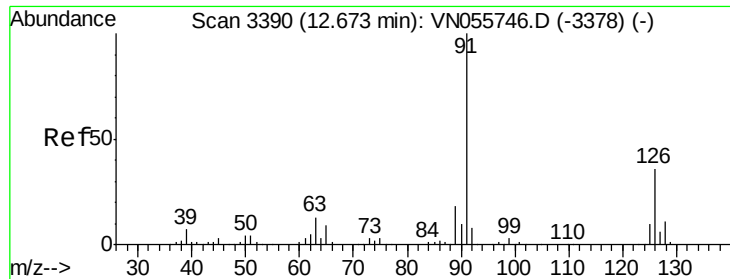
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

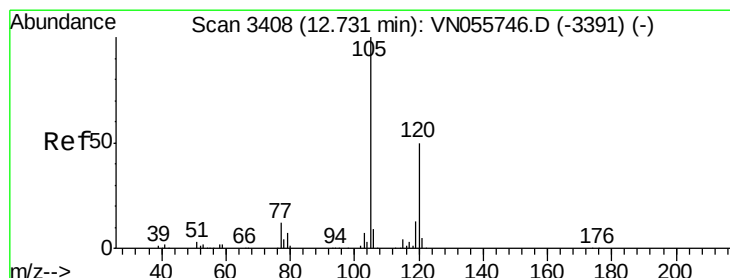
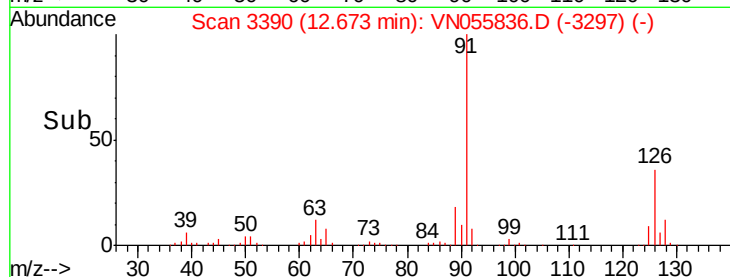
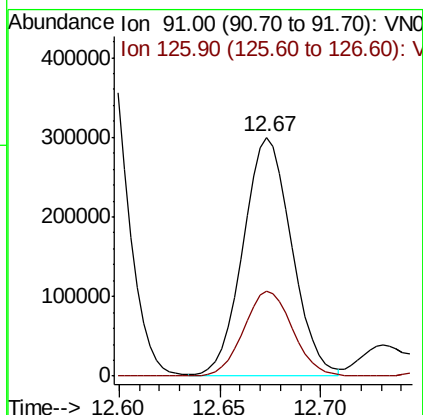
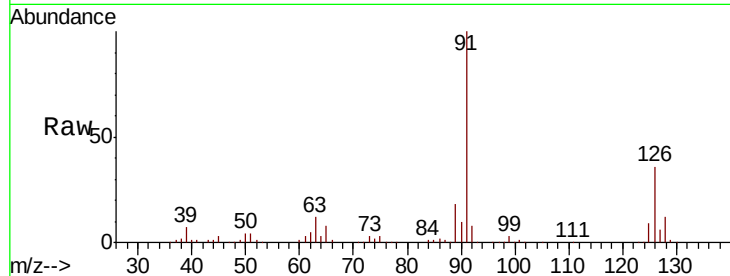




#79
 2-Chlorotoluene
 Concen: 51.542 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

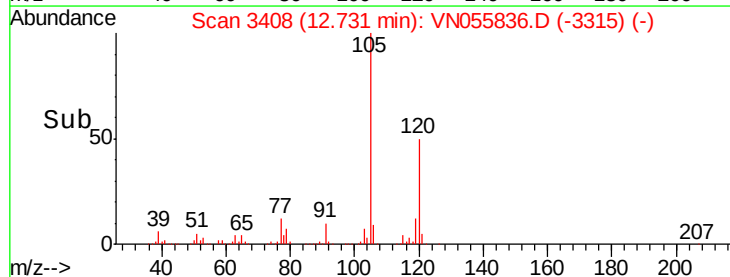
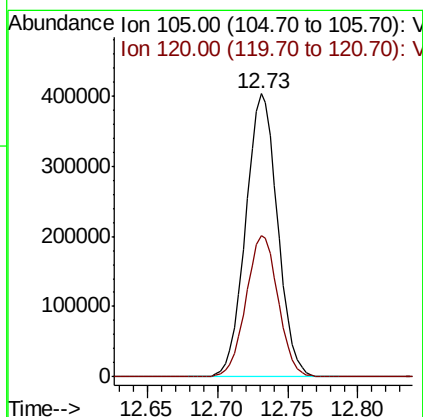
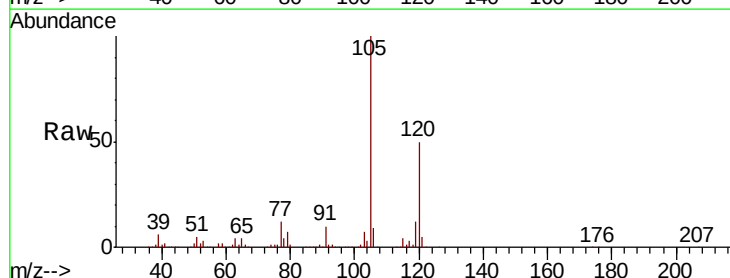
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

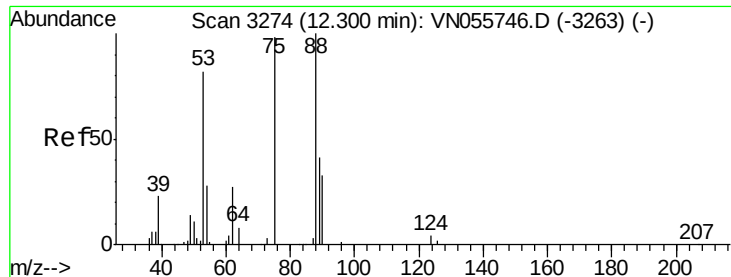
Tot Ion: 91 Resp: 501336
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.165 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion: 105 Resp: 636737
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.7 74.1

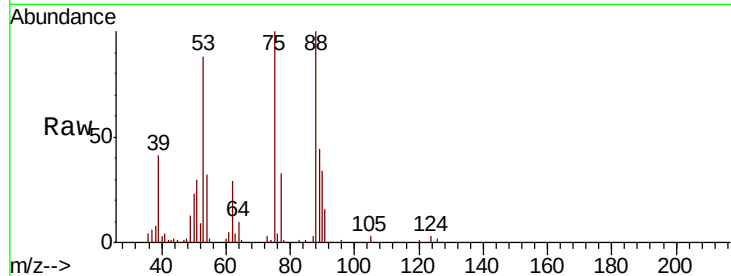




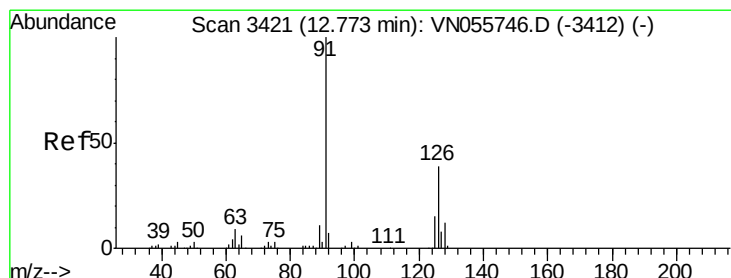
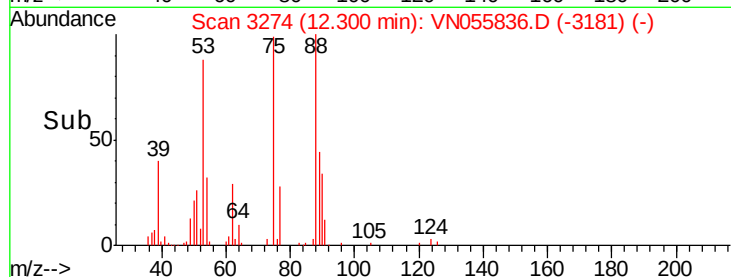
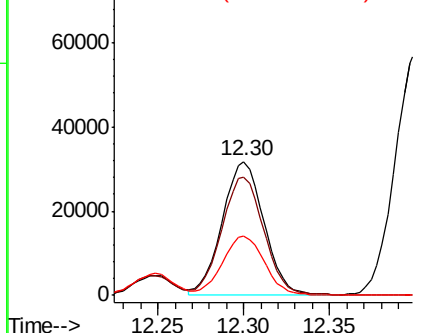
#81
trans-1,4-Dichloro-2-butene
Concen: 34.910 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 53991
Ion Ratio Lower Upper
75 100
53 89.2 68.1 102.1
89 44.6 36.9 55.3

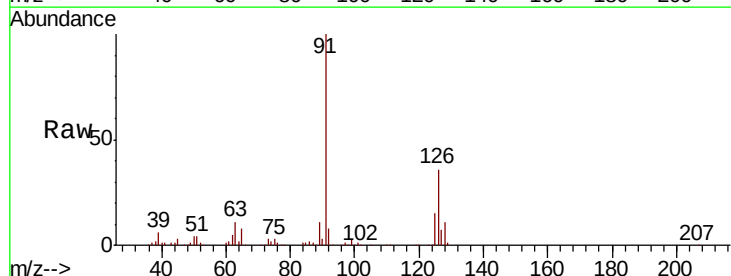


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

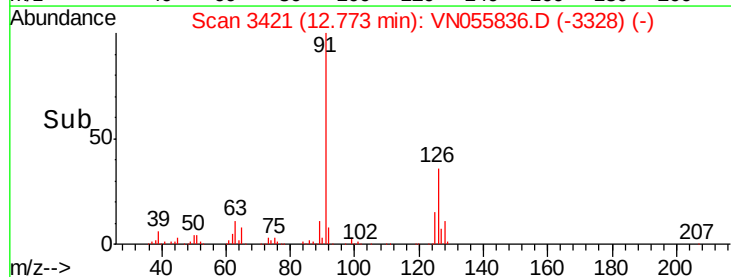
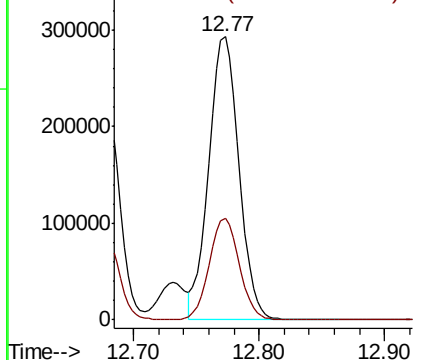


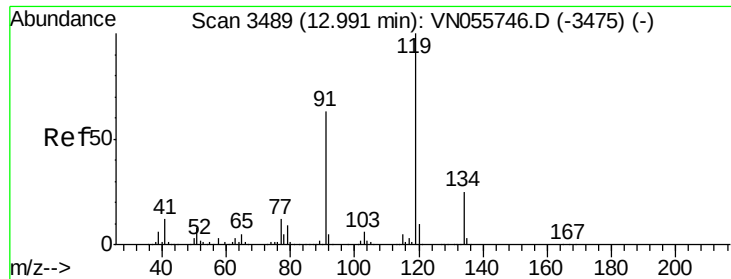
#82
4-Chlorotoluene
Concen: 45.948 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055836.D
Acq: 25 May 2019 8:49

Tgt Ion: 91 Resp: 488476
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

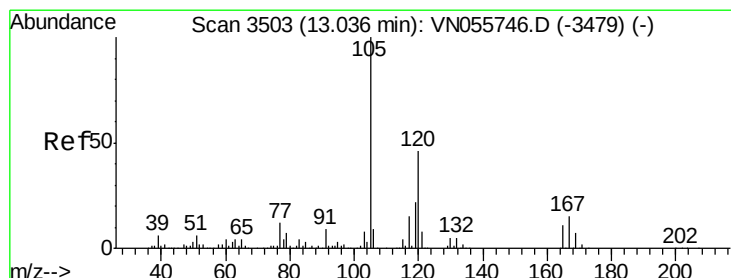
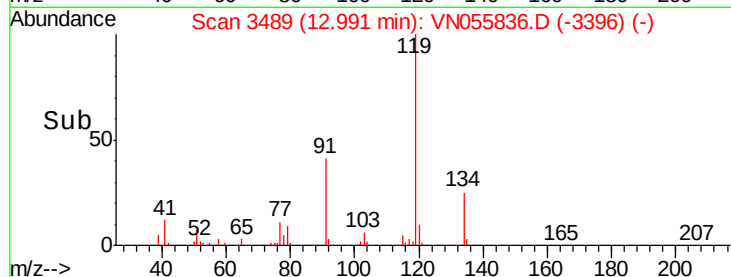
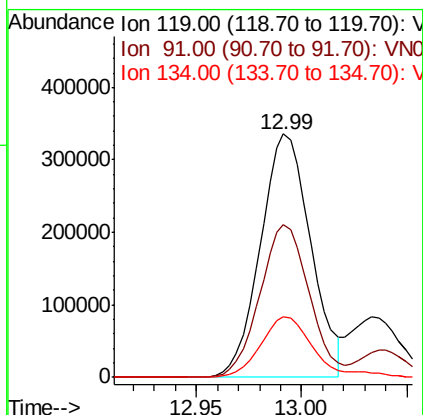
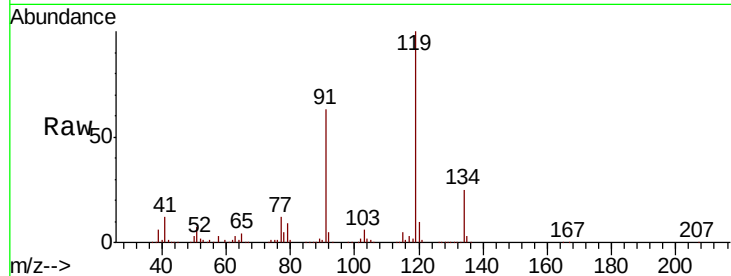




#83
 tert-Butylbenzene
 Concen: 51.884 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

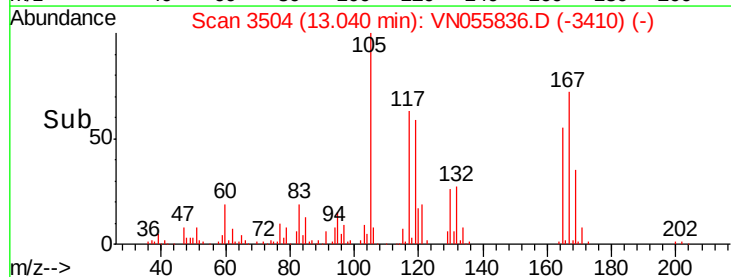
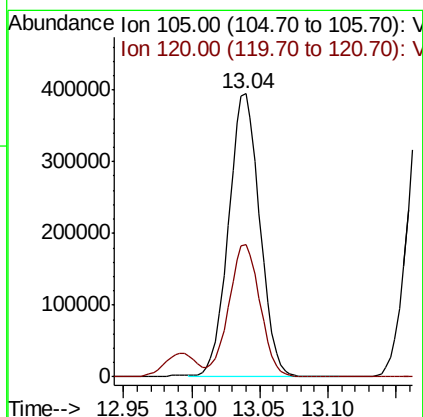
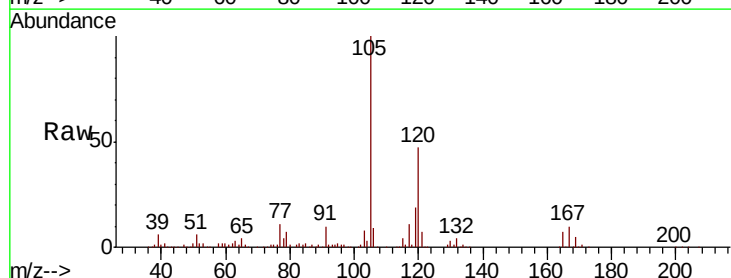
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

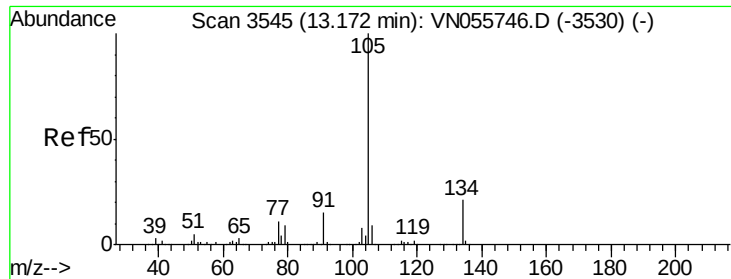
Tot Ion:119 Resp: 557549
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.9 92.8
 134 26.4 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.454 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion:105 Resp: 627322
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.720 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

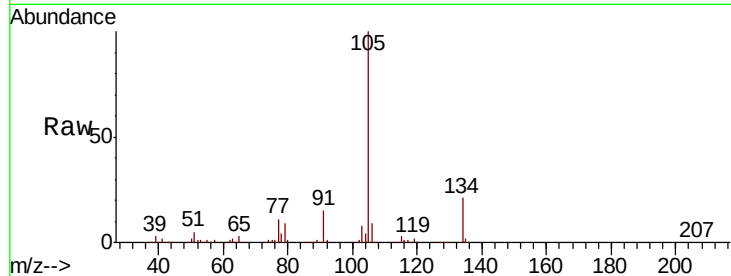
VSTDCCC050EC

Tot Ion:105 Resp: 723355

Ion Ratio Lower Upper

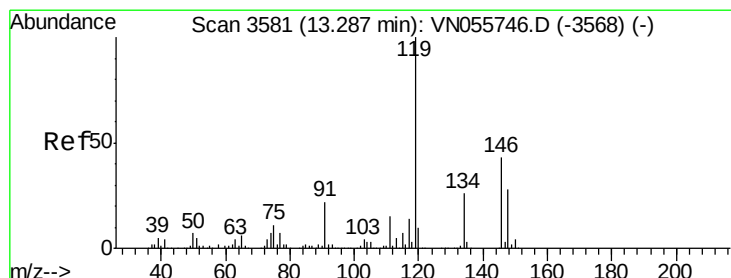
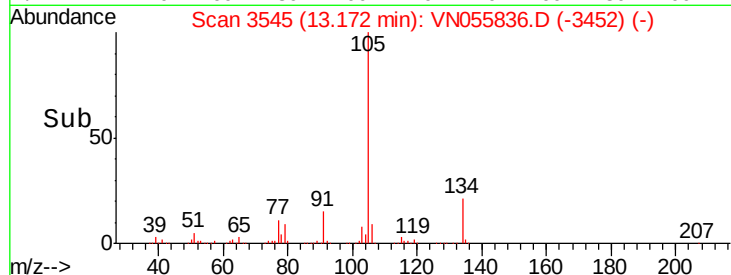
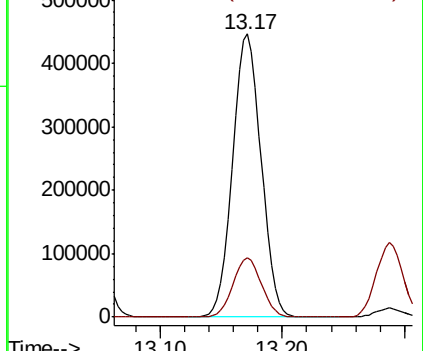
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.638 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

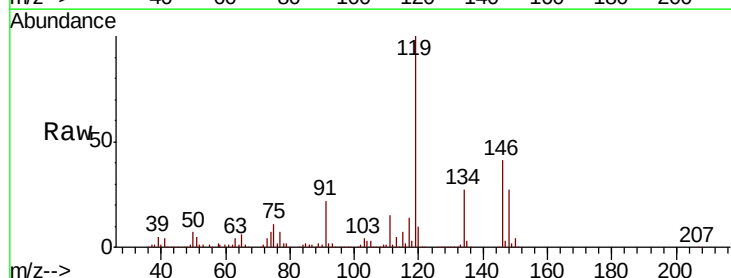
Tgt Ion:119 Resp: 659508

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

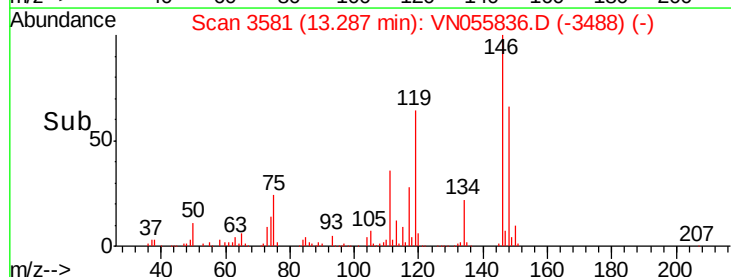
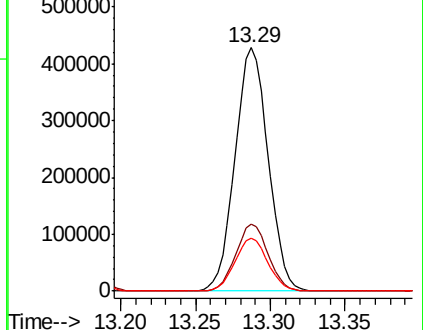
91 21.6 10.9 32.9

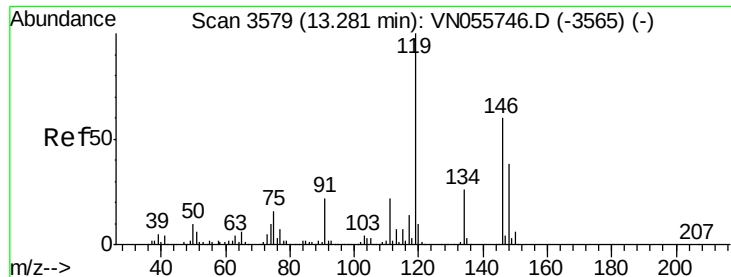


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

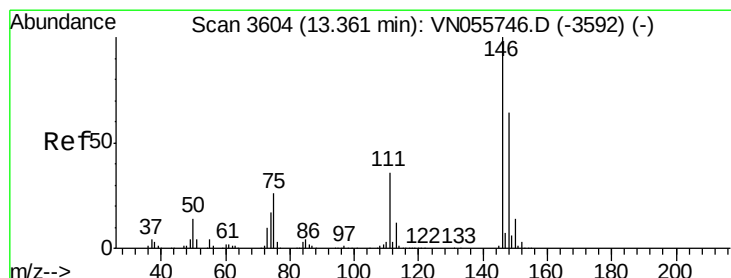
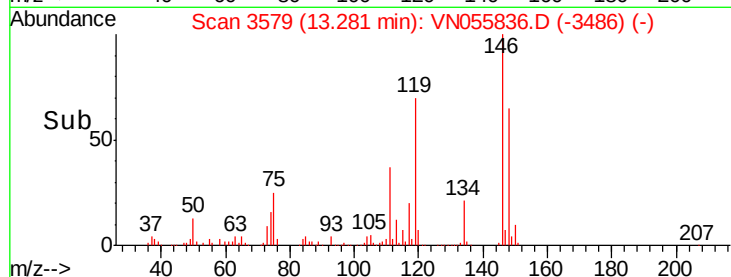
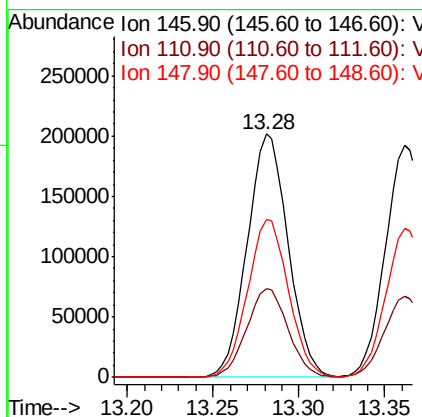
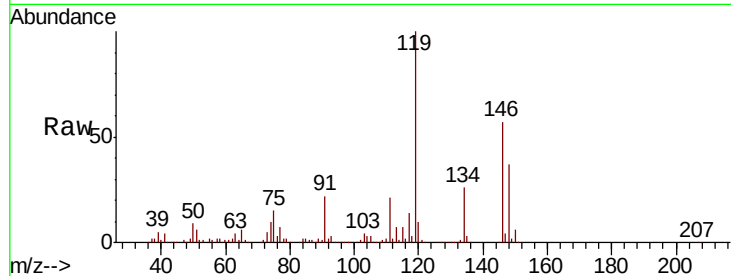




#87
 1,3-Dichlorobenzene
 Concen: 47.344 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

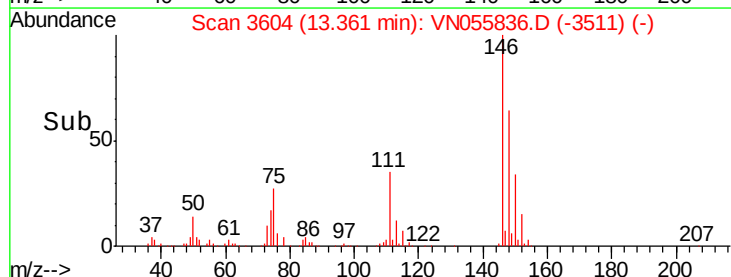
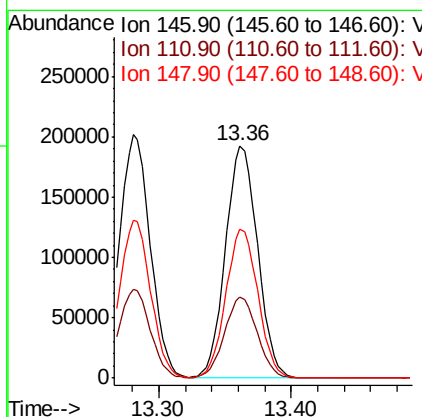
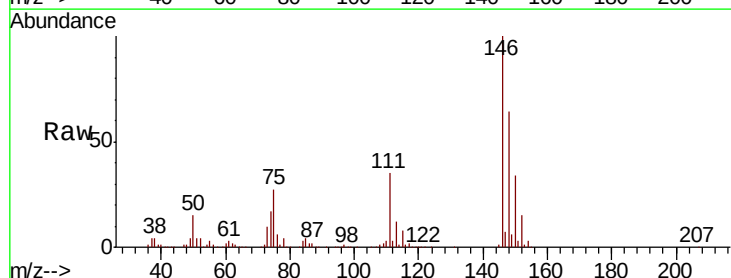
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

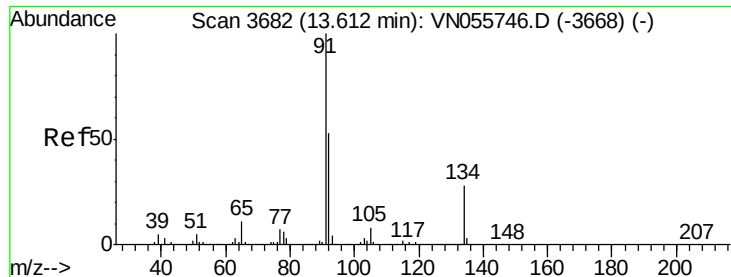
Tot Ion:146 Resp: 332876
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.5 55.5
 148 65.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.581 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion:146 Resp: 324748
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.4
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 45.885 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

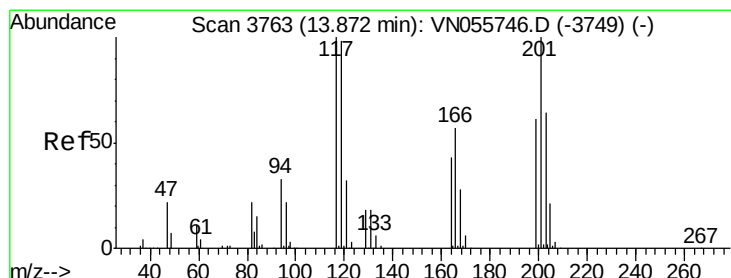
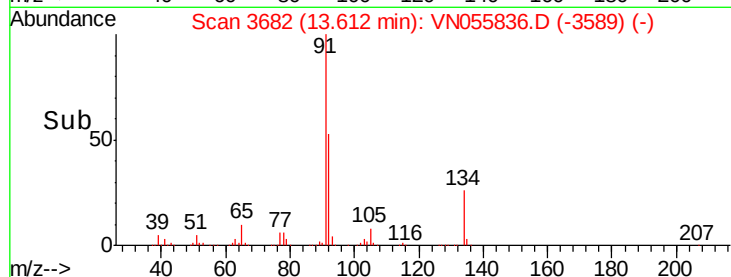
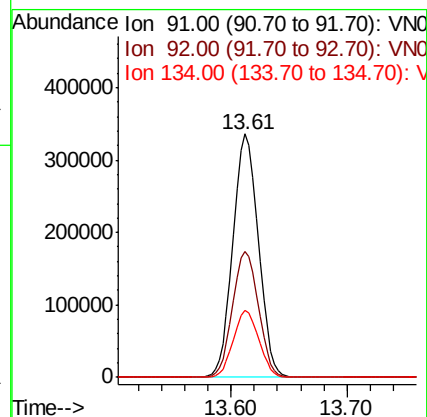
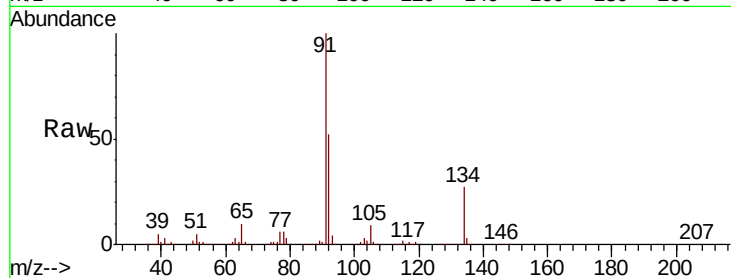
Tot Ion: 91 Resp: 508050

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 27.4 13.9 41.7



#90

Hexachloroethane

Concen: 42.845 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055836.D

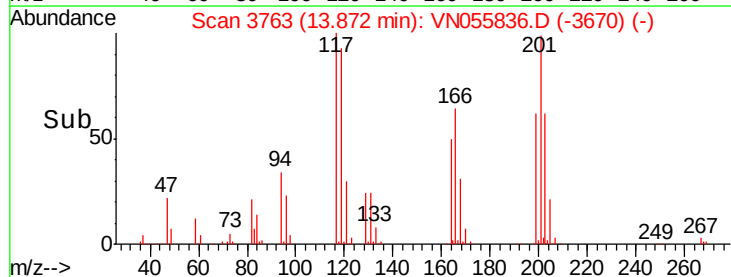
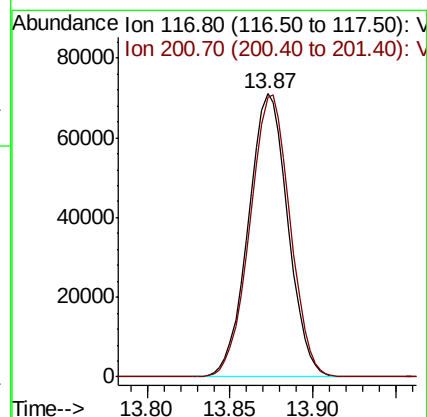
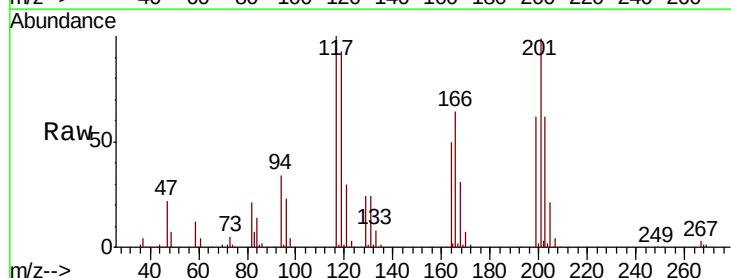
Acq: 25 May 2019 8:49

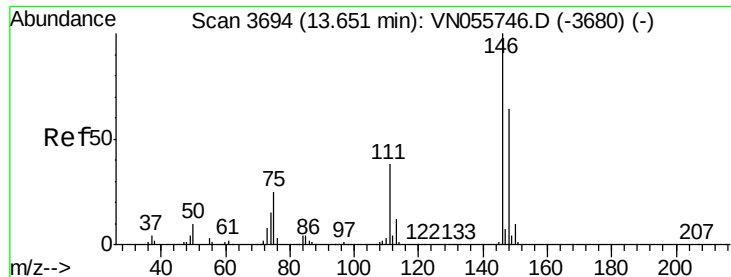
Tgt Ion: 117 Resp: 117848

Ion Ratio Lower Upper

117 100

201 100.7 50.0 150.0

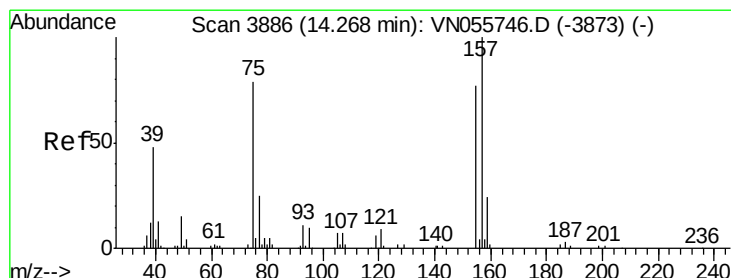
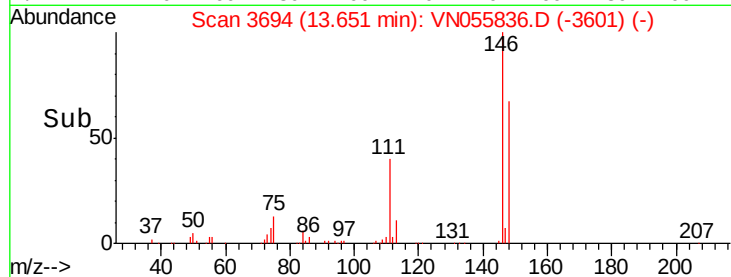
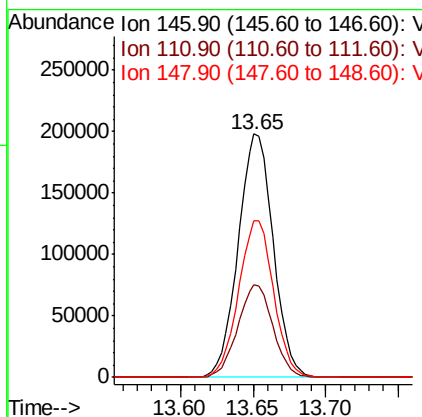
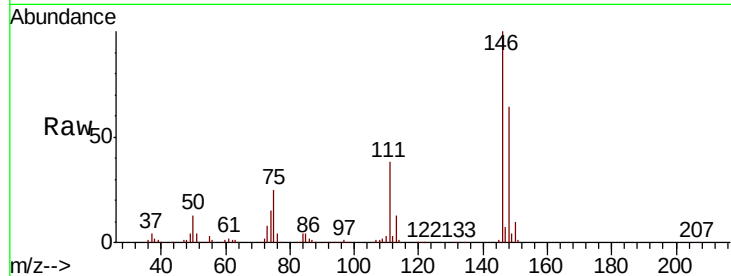




#91
 1,2-Dichlorobenzene
 Concen: 47.423 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

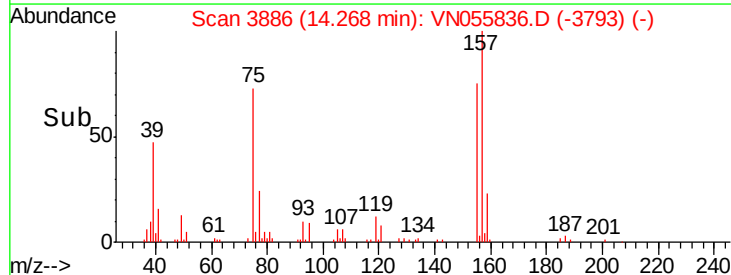
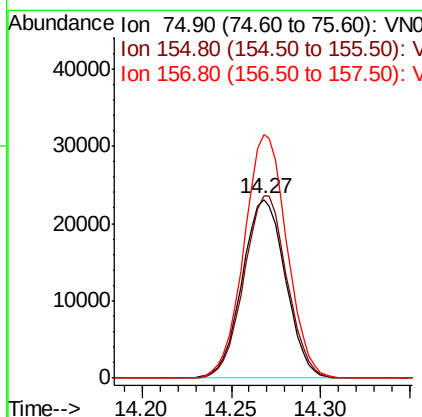
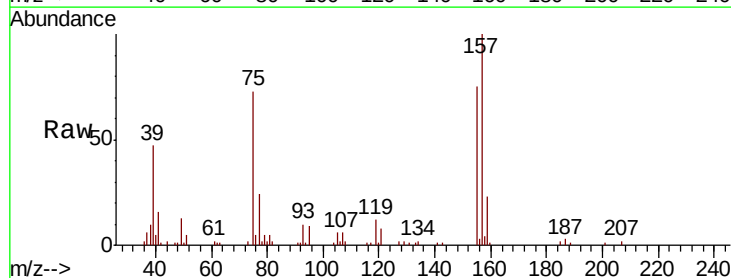
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

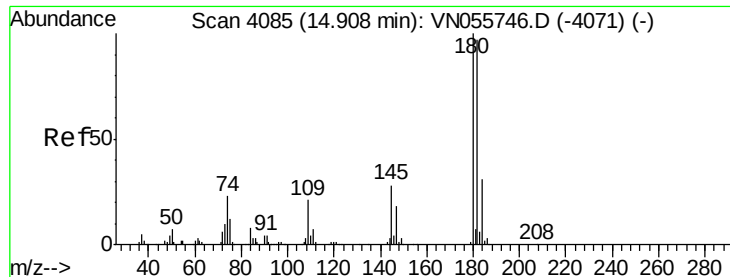
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.2	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.414 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	50.0	150.1
157	134.6	64.8	194.3

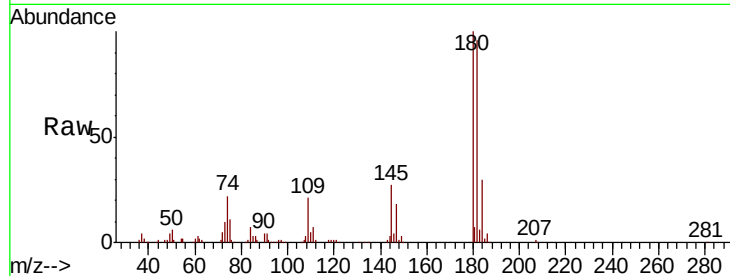




#93
 1,2,4-Trichlorobenzene
 Concen: 44.892 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.9
145	28.0	14.0	41.9

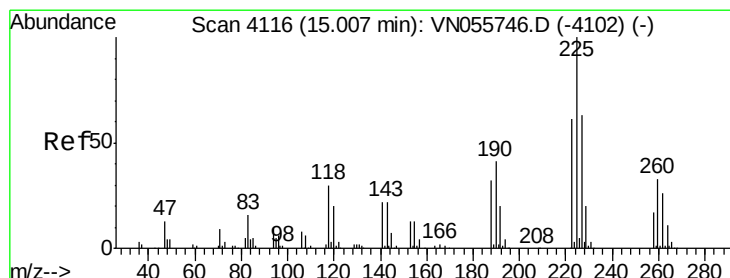
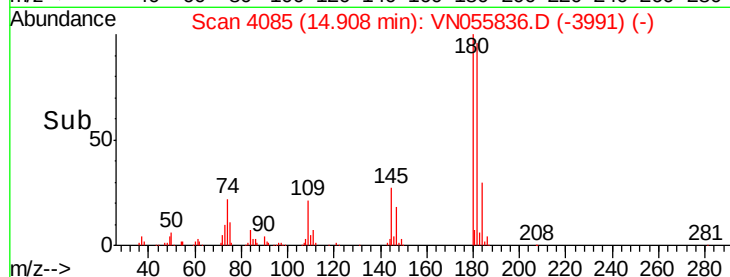
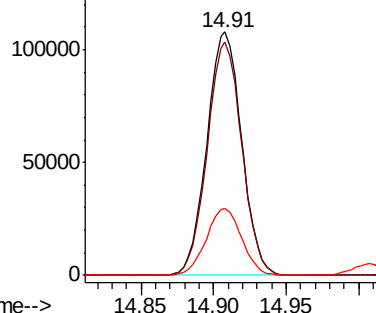


Abundance

Ion 179.80 (179.50 to 180.50): V

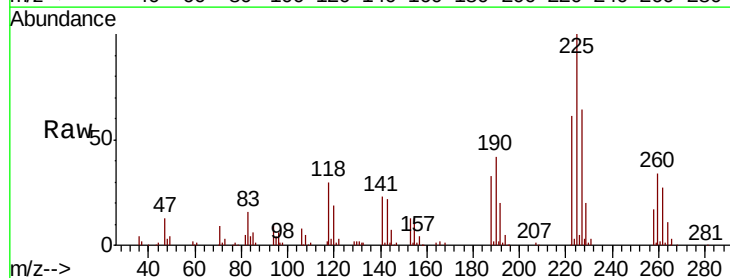
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.707 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055836.D
 Acq: 25 May 2019 8:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.7
227	63.9	31.6	94.7

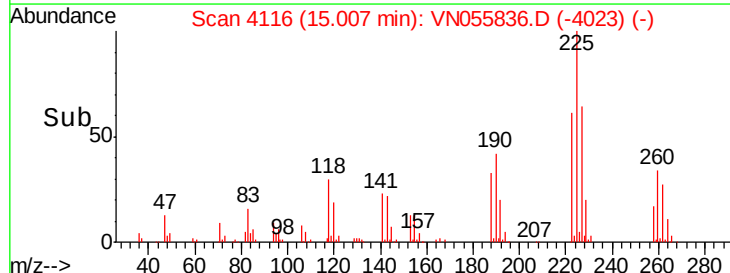
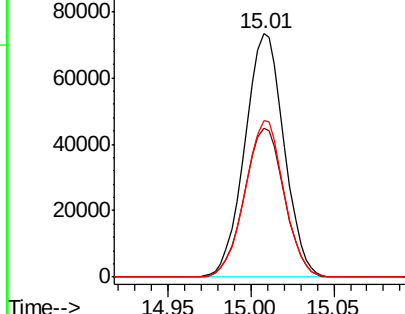


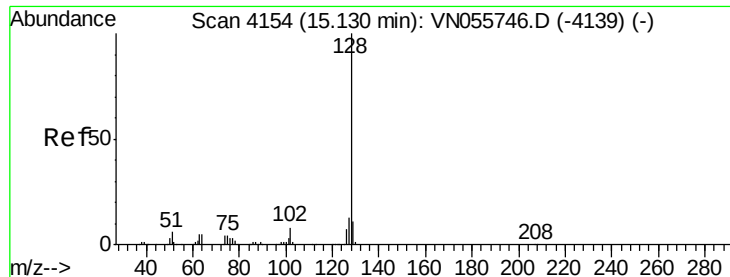
Abundance

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: 50.258 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

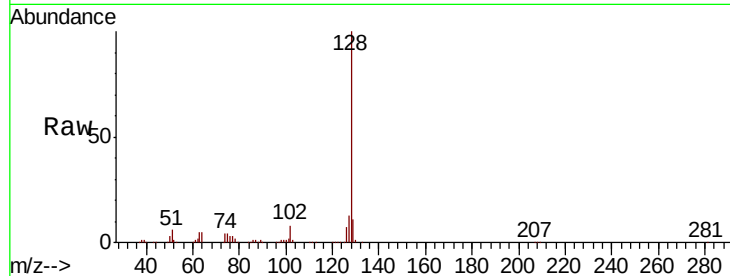
Tot Ion:128 Resp: 483771

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

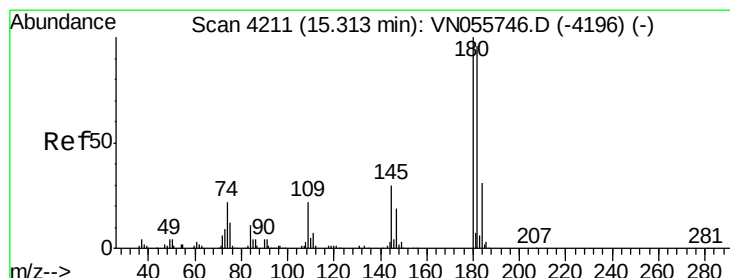
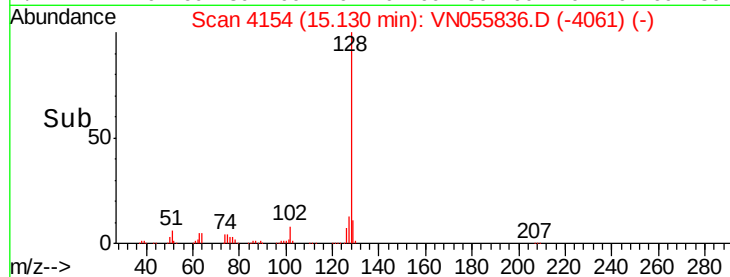
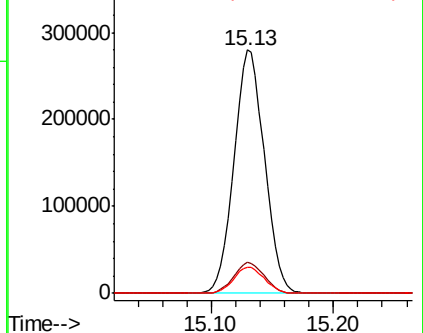
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.643 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055836.D

Acq: 25 May 2019 8:49

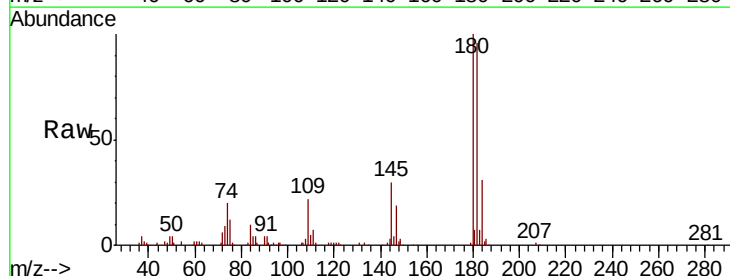
Tgt Ion:180 Resp: 187789

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 29.3 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

