

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069696.D
 Acq On : 1 Dec 2021 17:25
 Operator : JC/MD
 Sample : M4892-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 07:26:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	1639341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2795862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2931565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1404979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1158900	48.756	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.520%
35) Dibromofluoromethane	8.024	113	832742	49.661	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.320%
50) Toluene-d8	10.440	98	3607279	54.697	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.731	95	1509062	62.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.580%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.380	59	83444	19.482	ug/l #	71
13) Acrolein	3.988	56	64108	101.776	ug/l #	1
14) Allyl chloride	4.948	41	121121	4.123	ug/l #	34
15) Acrylonitrile	5.621	53	55782	5.086	ug/l #	46
16) Acetone	4.256	43	237775	18.540	ug/l #	54
18) Methyl Acetate	4.924	43	46287	1.110	ug/l #	51
19) Methyl tert-butyl Ether	5.624	73	49354	0.878	ug/l #	1
20) Methylene Chloride	5.237	84	106835	5.875	ug/l #	8
22) Diisopropyl ether	6.501	45	81335	1.285	ug/l	93
23) Vinyl Acetate	6.479	43	83209	1.700	ug/l #	74
25) 2-Butanone	7.345	43	45553	2.623	ug/l	90
26) 2,2-Dichloropropane	7.142	77	15755	0.625	ug/l #	52
28) Bromochloromethane	7.847	49	15879	0.962	ug/l #	9
30) Chloroform	7.850	83	40630	1.230	ug/l #	58
31) Cyclohexane	8.096	56	1254487	38.631	ug/l	90
36) 1,1-Dichloropropene	8.086	75	139615	5.935	ug/l #	49
37) Ethyl Acetate	7.345	43	45553	1.432	ug/l #	68
38) Carbon Tetrachloride	8.086	117	167998	7.397	ug/l #	16
39) Methylcyclohexane	9.462	83	529985	18.110	ug/l	89
40) Benzene	8.461	78	19043043	262.247	ug/l	96
41) Methacrylonitrile	7.665	41	17184	1.046	ug/l #	15
42) 1,2-Dichloroethane	8.458	62	191820	6.746	ug/l	98
43) Isopropyl Acetate	8.550	43	129151	2.528	ug/l #	55
47) Bromodichloromethane	9.748	83	16801	0.693	ug/l #	25
48) Methyl methacrylate	9.641	41	76774	3.195	ug/l #	70
51) 4-Methyl-2-Pentanone	10.333	43	18093	0.549	ug/l	95
52) Toluene	10.505	92	2375935	52.521	ug/l	97
53) t-1,3-Dichloropropene	10.853	75	964	2.668	ug/l #	1
54) cis-1,3-Dichloropropene	10.309	75	1213	1.770	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	53180	2.916	ug/l #	23
56) Ethyl methacrylate	10.792	69	8144	2.280	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.022	63	1009	22.874	ug/l #	45
59) 2-Hexanone	11.057	43	73129	10.485	ug/l #	25
60) Dibromochloromethane	11.012	129	28	2.419	ug/l #	11
61) 1,2-Dibromoethane	11.350	107	67	1.074	ug/l #	2
67) Ethyl Benzene	11.843	91	14634744	145.419	ug/l	98

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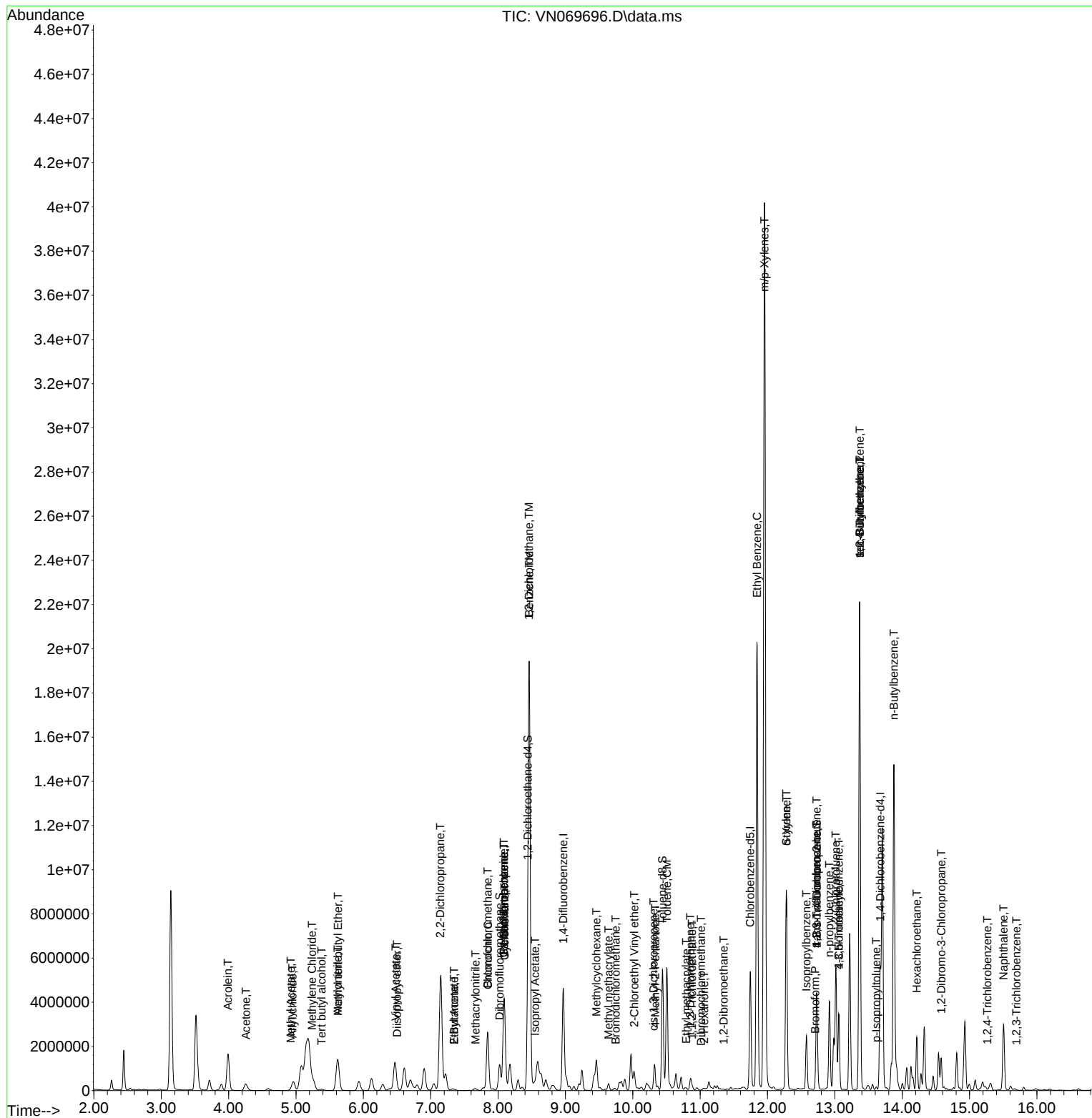
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
68) m/p-Xylenes	11.956	106	12812683	346.164	ug/l	#	1
69) o-Xylene	12.280	106	2402040	65.096	ug/l		92
70) Styrene	12.280	104	126487	3.371	ug/l	#	1
71) Bromoform	12.707	173	246	3.442	ug/l	#	29
73) Isopropylbenzene	12.578	105	1541187	13.777	ug/l		98
76) 1,2,3-Trichloropropane	12.731	75	845240	26.069	ug/l	#	1
78) n-propylbenzene	12.919	91	3184764	25.301	ug/l		95
79) 2-Chlorotoluene	13.015	91	439089	5.634	ug/l	#	38
80) 1,3,5-Trimethylbenzene	13.058	105	1872492	20.706	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.731	75	845240	74.403	ug/l	#	5
82) 4-Chlorotoluene	13.058	91	210829	2.838	ug/l	#	38
83) tert-Butylbenzene	13.369	119	1542069	19.458	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.369	105	12480322	142.951	ug/l		99
85) sec-Butylbenzene	13.369	105	12480322	112.736	ug/l	#	56
86) p-Isopropyltoluene	13.616	119	55812	0.635	ug/l	#	78
89) n-Butylbenzene	13.876	91	1265538	17.269	ug/l	#	45
90) Hexachloroethane	14.217	117	119125	9.218	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	5750	2.587	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.263	180	2637	3.225	ug/l	#	70
95) Naphthalene	15.504	128	2669970	43.449	ug/l		99
96) 1,2,3-Trichlorobenzene	15.697	180	3053	3.305	ug/l	#	49

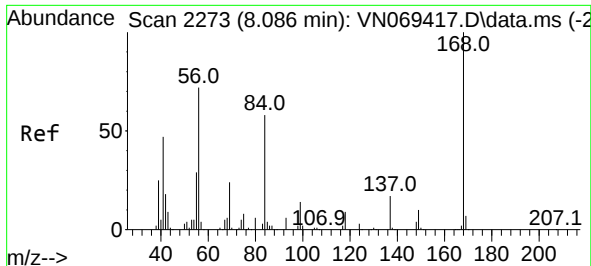
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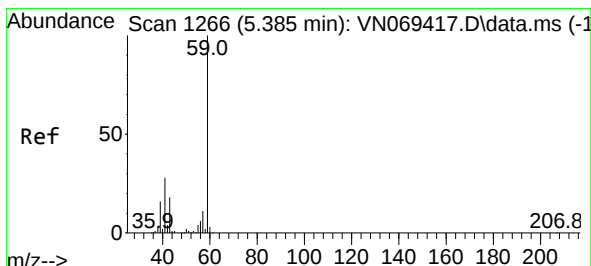
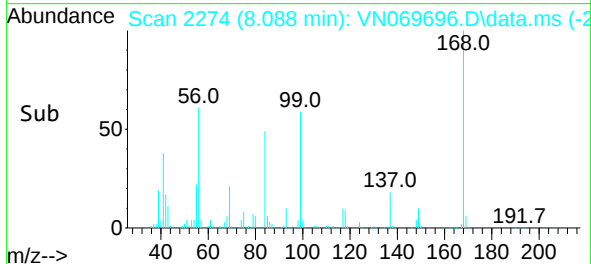
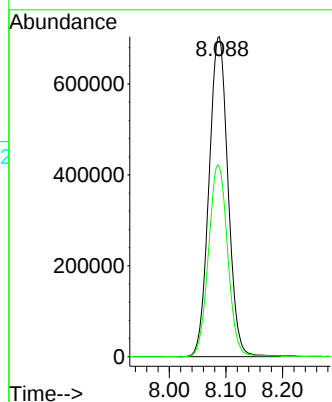
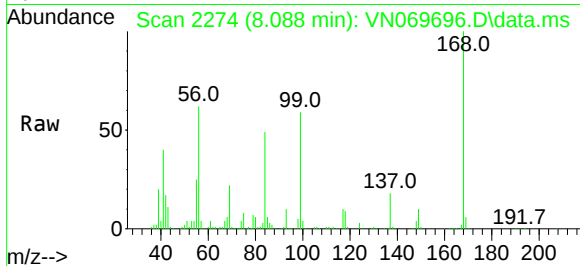




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

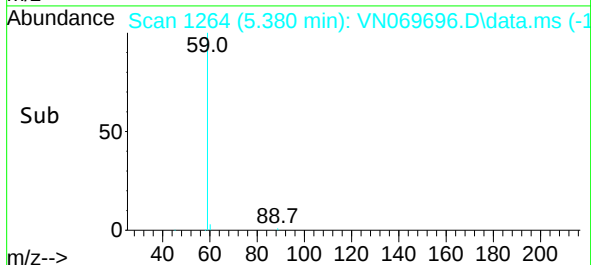
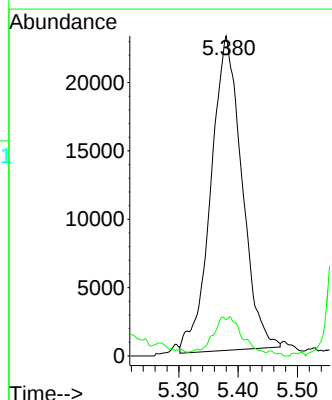
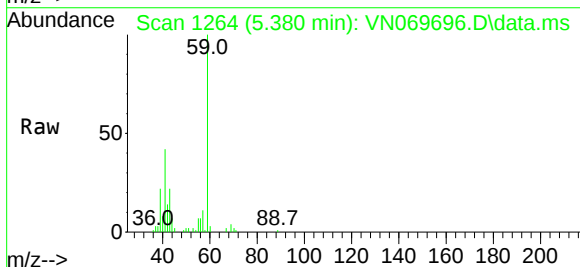
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MSVOA_N
ClientSampleId :

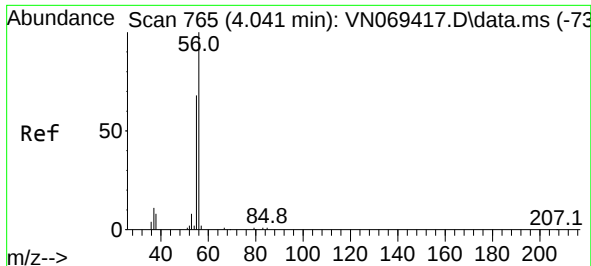
Tgt Ion:168 Resp: 1639341
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 19.482 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.005 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

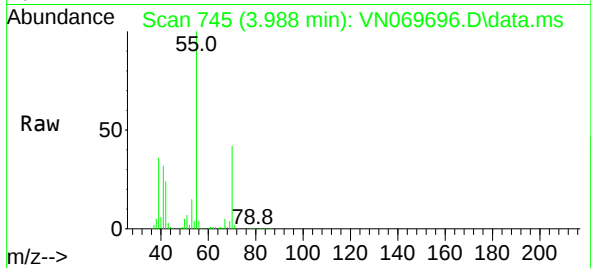
Tgt Ion: 59 Resp: 83444
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



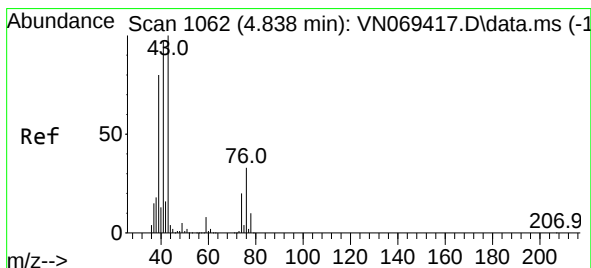
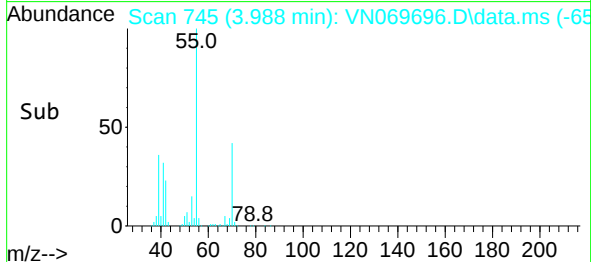
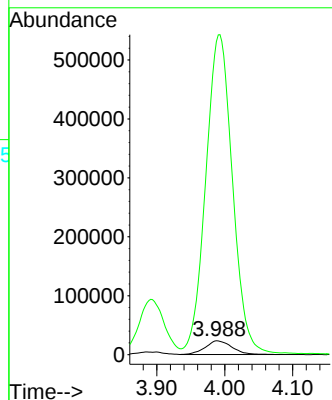


#13
Acrolein
Concen: 101.776 ug/l
RT: 3.988 min Scan# 74
Delta R.T. -0.053 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

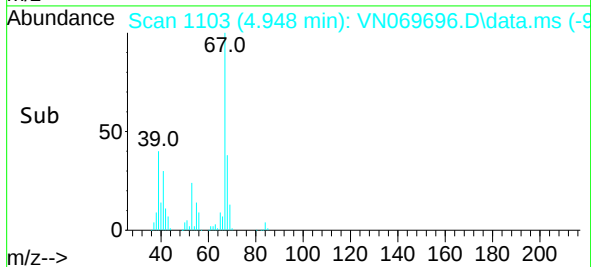
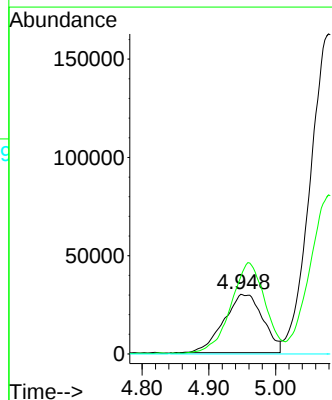
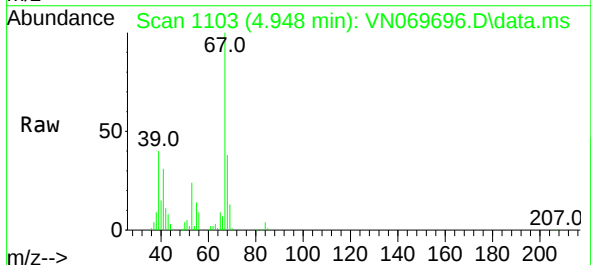


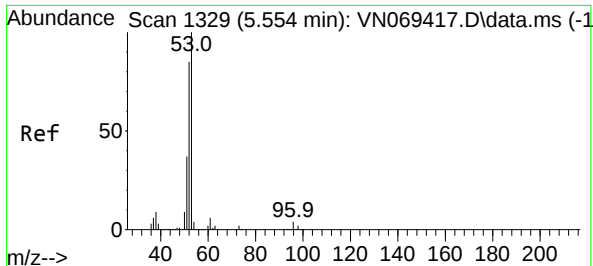
Tgt Ion: 56 Resp: 64108
Ion Ratio Lower Upper
56 100
55 2294.2 56.6 85.0#



#14
Allyl chloride
Concen: 4.123 ug/l
RT: 4.948 min Scan# 1103
Delta R.T. 0.110 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 41 Resp: 121121
Ion Ratio Lower Upper
41 100
39 136.8 61.2 91.8#
76 0.0 26.0 39.0#

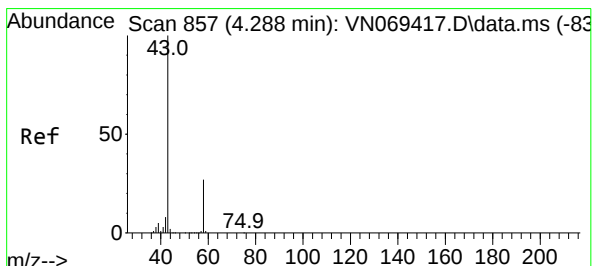
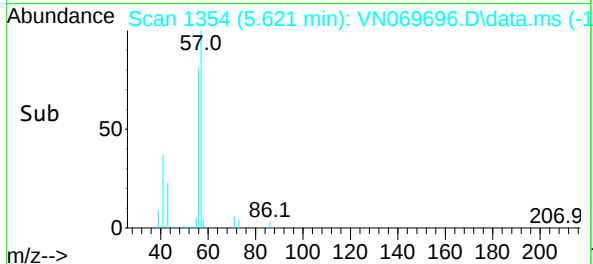
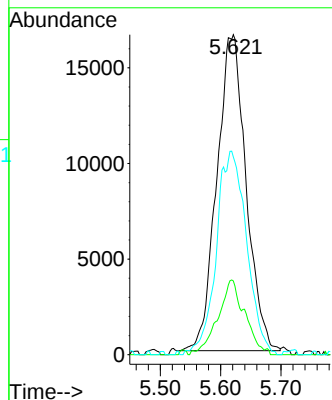
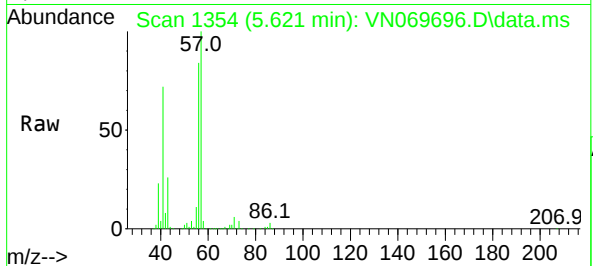




#15
Acrylonitrile
Concen: 5.086 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

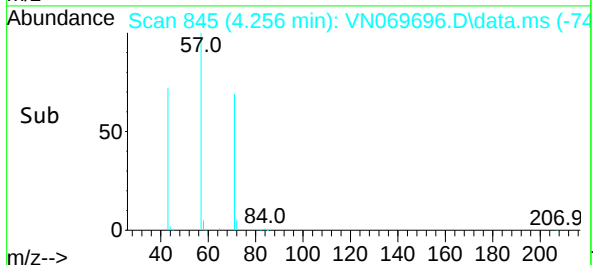
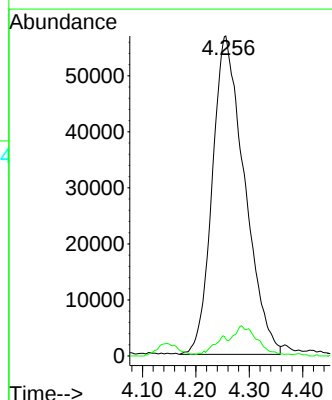
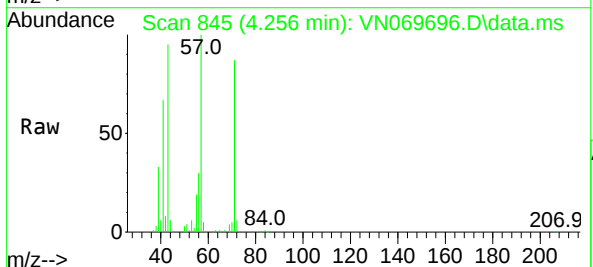
Instrument :
MSVOA_N
ClientSampleId :

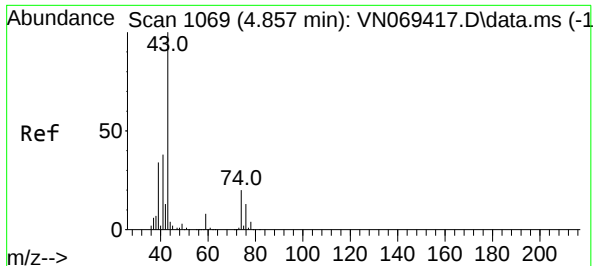
Tgt Ion: 53 Resp: 55782
Ion Ratio Lower Upper
53 100
52 21.5 66.2 99.2#
51 22.9 29.6 44.4#



#16
Acetone
Concen: 18.540 ug/l
RT: 4.256 min Scan# 845
Delta R.T. -0.032 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 43 Resp: 237775
Ion Ratio Lower Upper
43 100
58 4.6 23.1 34.7#





#18

Methyl Acetate

Concen: 1.110 ug/l

RT: 4.924 min Scan# 1094

Delta R.T. 0.067 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

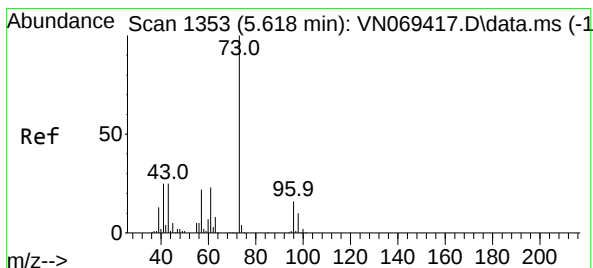
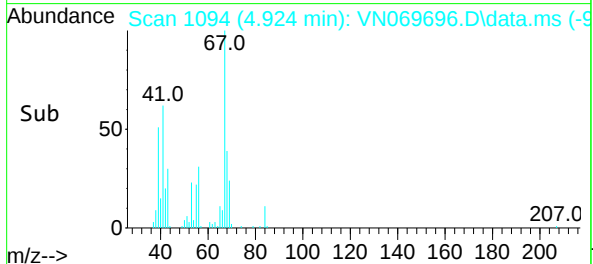
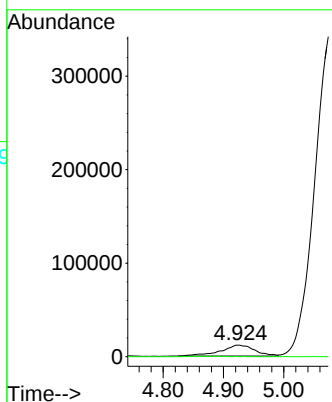
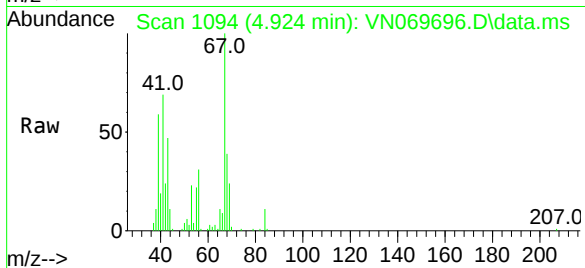
ClientSampleId :

Tgt Ion: 43 Resp: 46287

Ion Ratio Lower Upper

43 100

74 0.2 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.878 ug/l

RT: 5.624 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VN069696.D

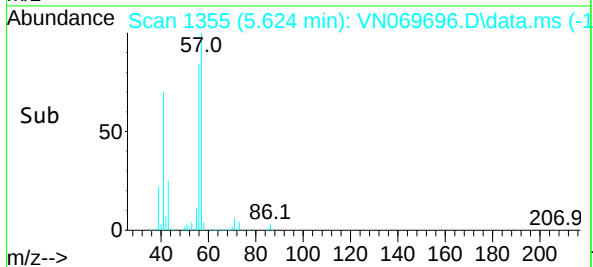
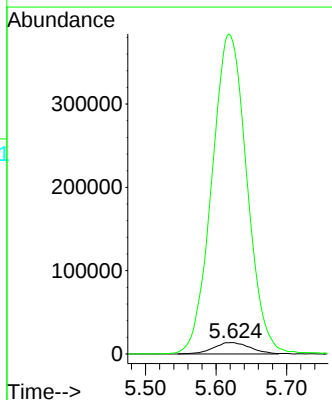
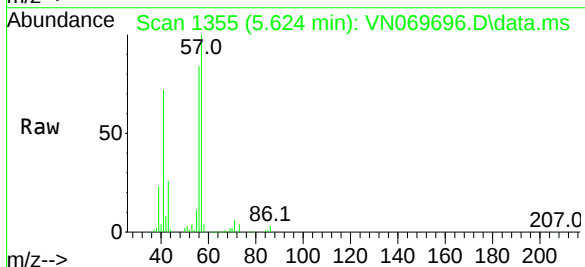
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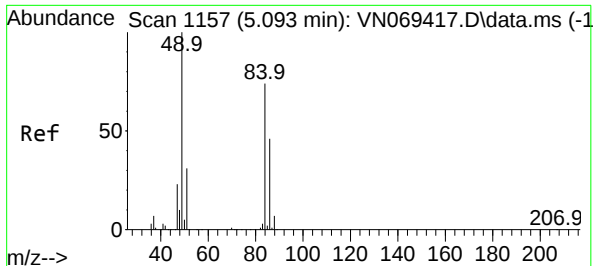
Tgt Ion: 73 Resp: 49354

Ion Ratio Lower Upper

73 100

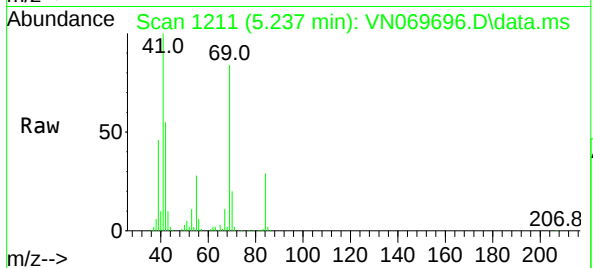
57 2721.6 16.8 25.2#



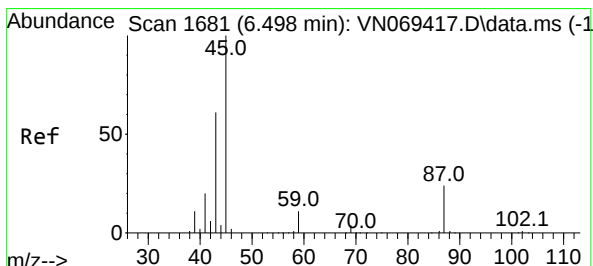
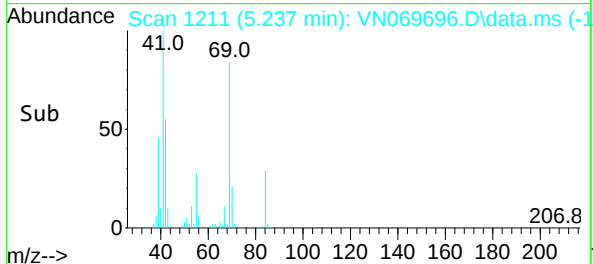
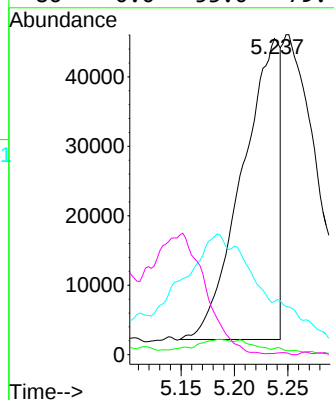


#20
Methylene Chloride
Concen: 5.875 ug/l
RT: 5.237 min Scan# 1157
Delta R.T. 0.144 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

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ClientSampleId :

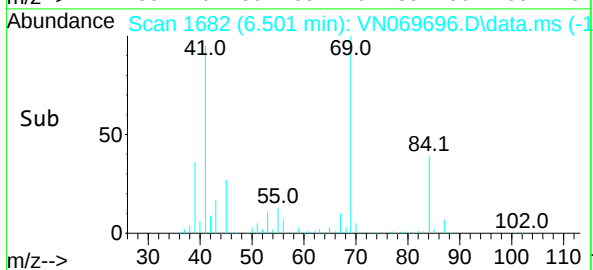
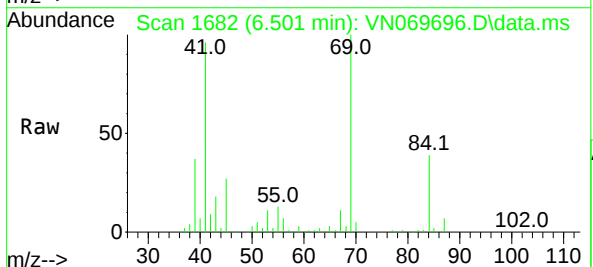
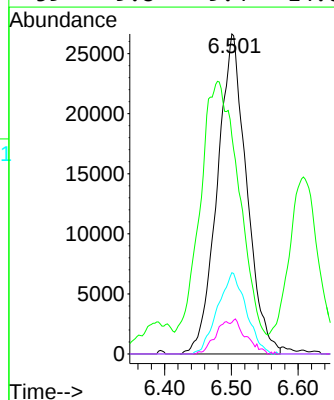


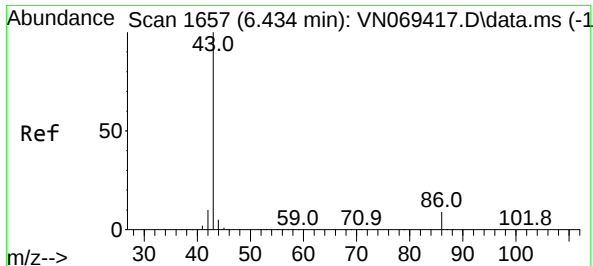
Tgt Ion: 84 Resp: 106835
Ion Ratio Lower Upper
84 100
49 0.0 93.5 140.3#
51 0.0 29.4 44.2#
86 0.0 53.0 79.4#



#22
Diisopropyl ether
Concen: 1.285 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 45 Resp: 81335
Ion Ratio Lower Upper
45 100
43 58.6 51.7 77.5
87 25.4 23.2 34.8
59 9.8 9.4 14.0





#23

Vinyl Acetate

Concen: 1.700 ug/l

RT: 6.479 min Scan# 1

Delta R.T. 0.045 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

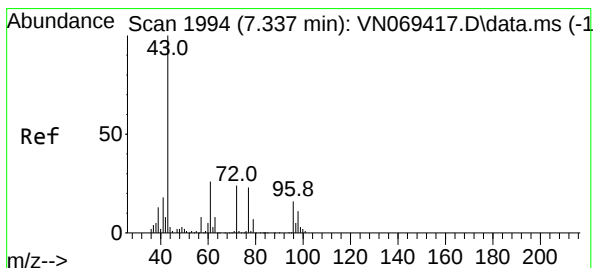
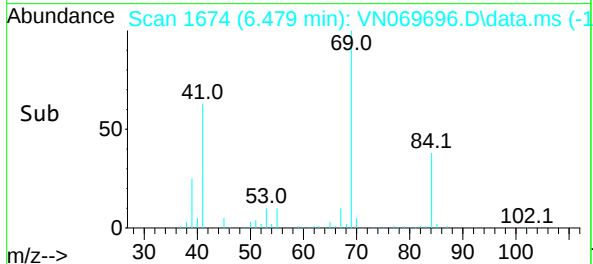
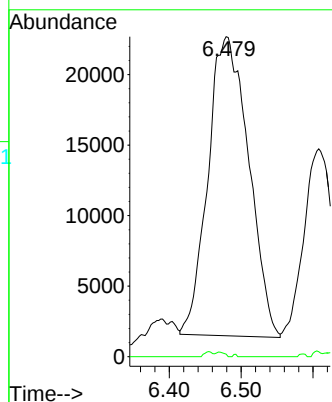
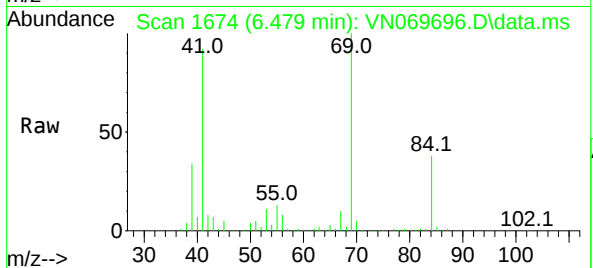
ClientSampleId :

Tgt Ion: 43 Resp: 83209

Ion Ratio Lower Upper

43 100

86 0.8 8.5 12.7#



#25

2-Butanone

Concen: 2.623 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN069696.D

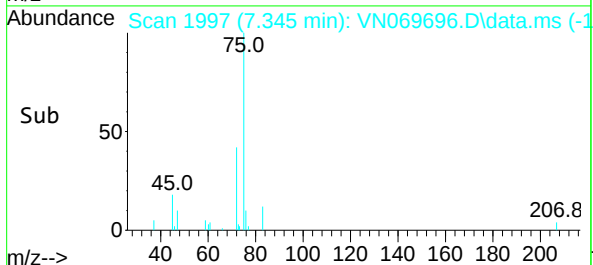
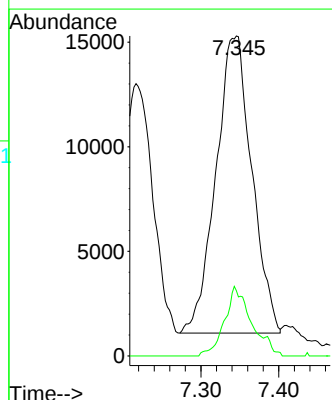
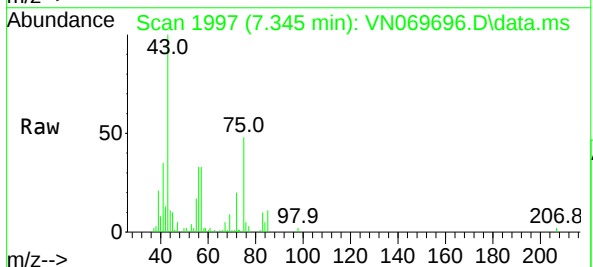
Acq: 1 Dec 2021 17:25

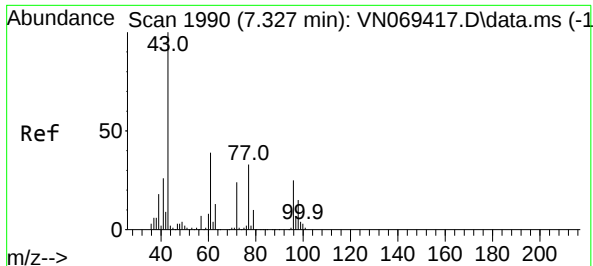
Tgt Ion: 43 Resp: 45553

Ion Ratio Lower Upper

43 100

72 22.0 21.7 32.5





#26

2,2-Dichloropropane

Concen: 0.625 ug/l

RT: 7.142 min Scan# 1990

Delta R.T. -0.185 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

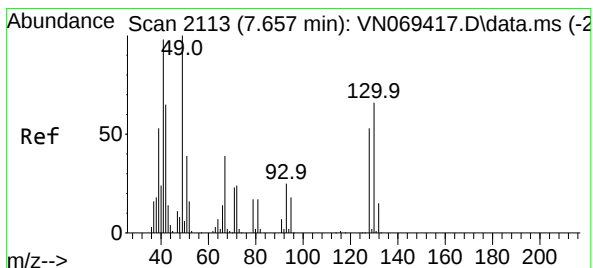
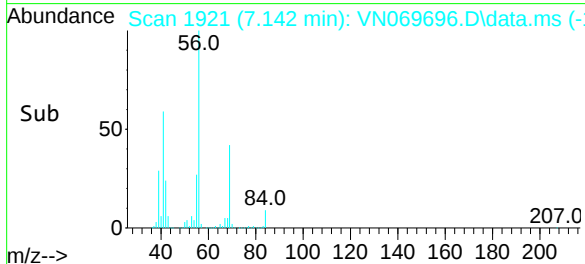
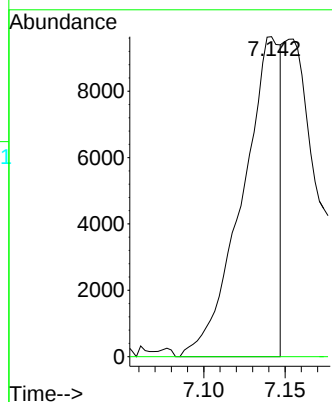
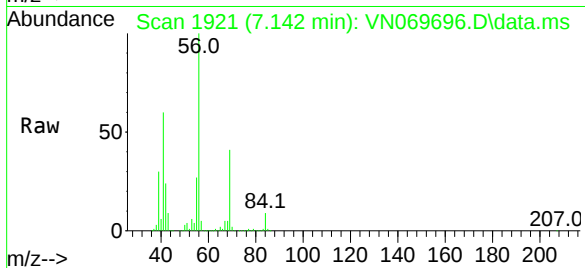
ClientSampleId :

Tgt Ion: 77 Resp: 15755

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#28

Bromochloromethane

Concen: 0.962 ug/l

RT: 7.847 min Scan# 2184

Delta R.T. 0.190 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

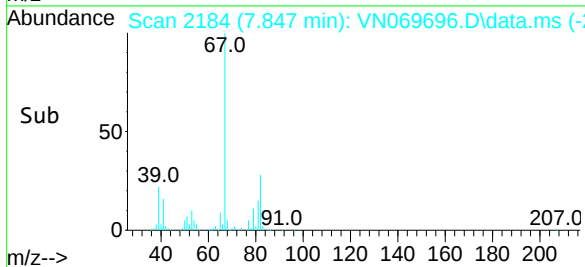
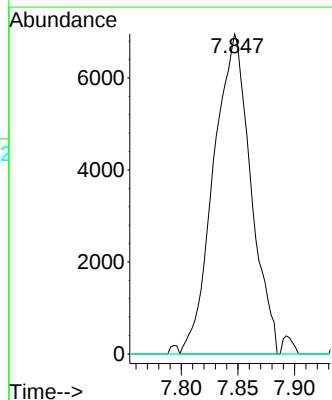
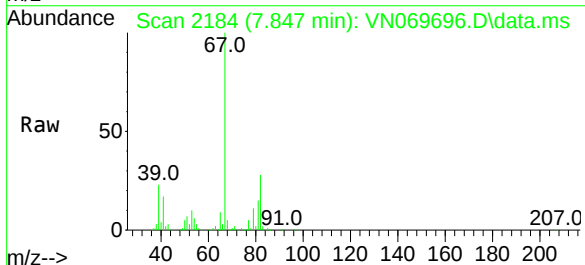
Tgt Ion: 49 Resp: 15879

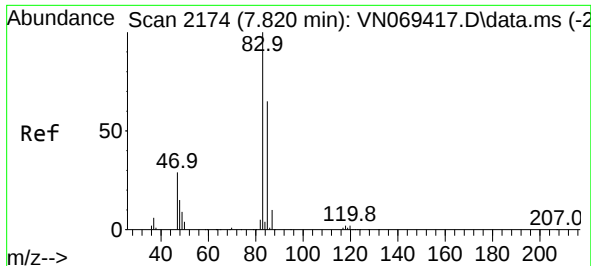
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 67.8 101.8#





#30

Chloroform

Concen: 1.230 ug/l

RT: 7.850 min Scan# 21

Delta R.T. 0.030 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

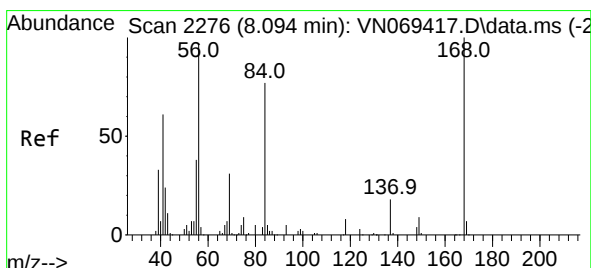
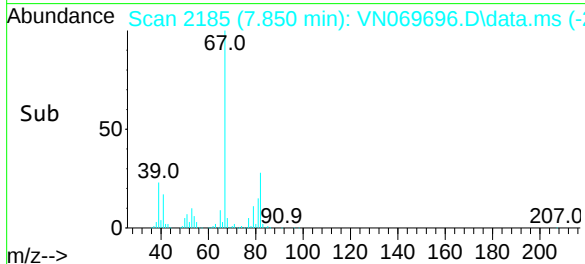
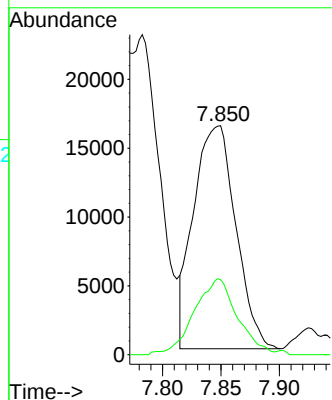
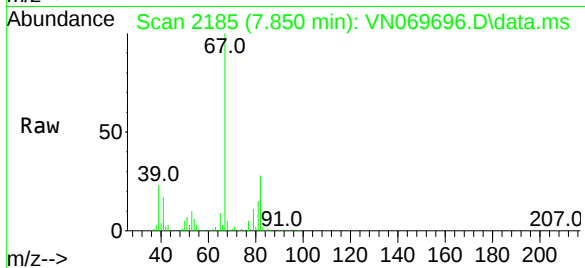
ClientSampleId :

Tgt Ion: 83 Resp: 40630

Ion Ratio Lower Upper

83 100

85 31.7 51.9 77.9#



#31

Cyclohexane

Concen: 38.631 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. 0.002 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

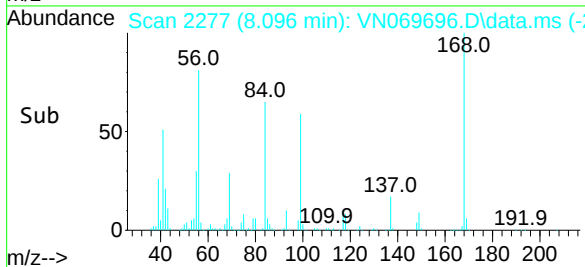
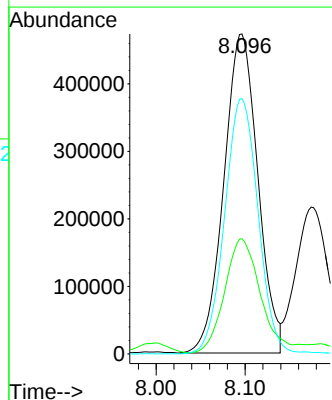
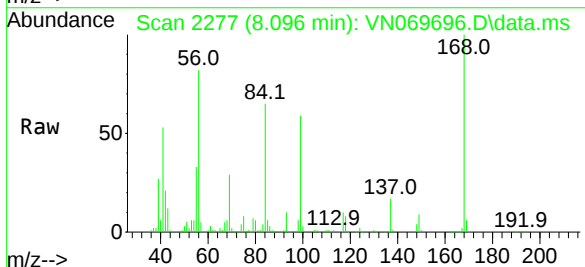
Tgt Ion: 56 Resp: 1254487

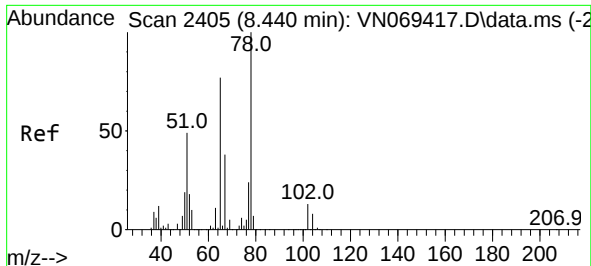
Ion Ratio Lower Upper

56 100

69 35.3 27.1 40.7

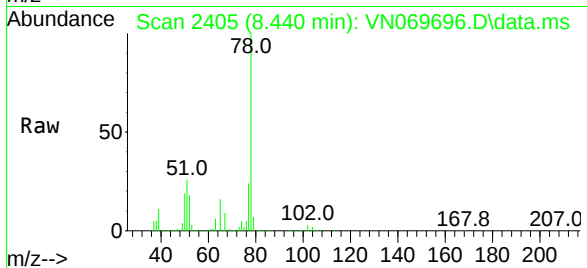
84 80.0 73.4 110.0





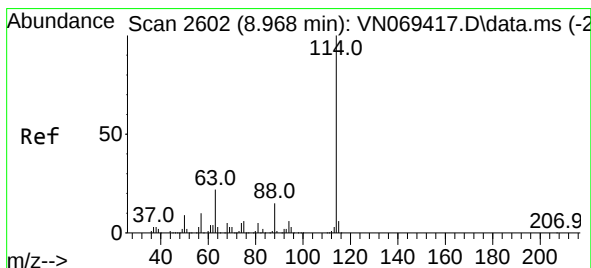
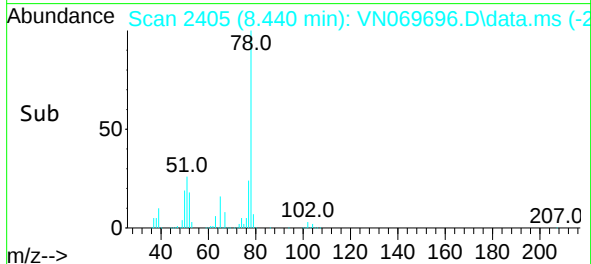
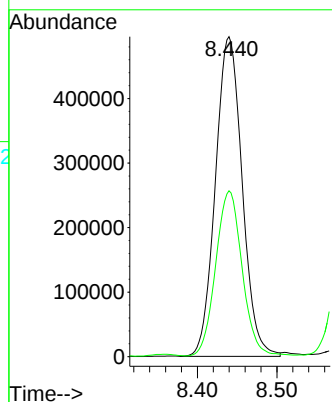
#33
 1,2-Dichloroethane-d4
 Concen: 48.756 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069696.D
 Acq: 1 Dec 2021 17:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 65 Resp: 1158900

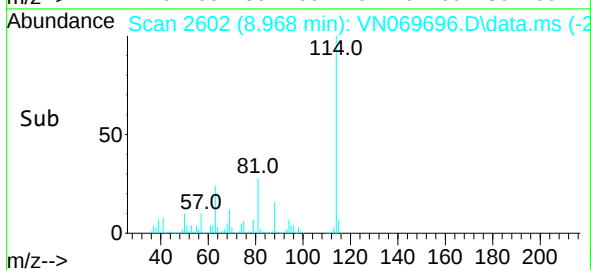
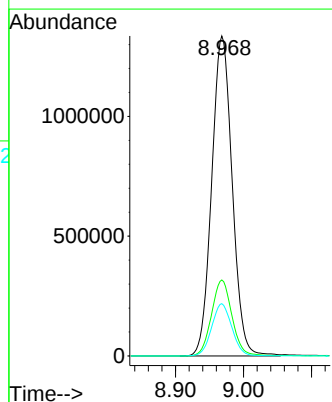
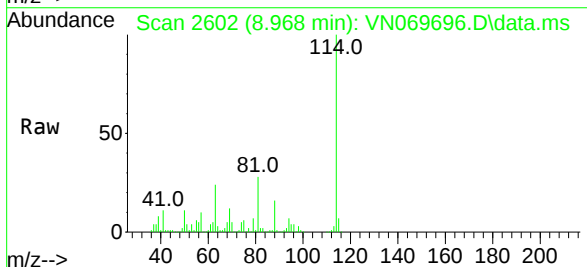
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

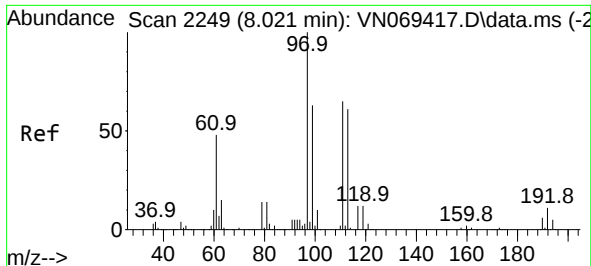


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069696.D
 Acq: 1 Dec 2021 17:25

Tgt Ion: 114 Resp: 2795862

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	37.8
88	16.3	0.0	27.4

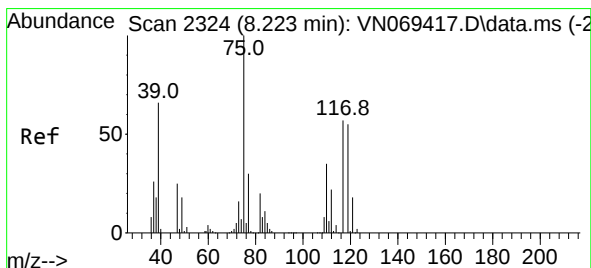
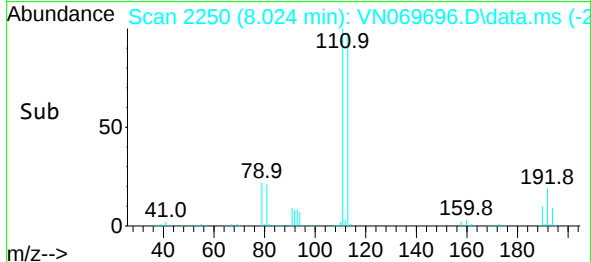
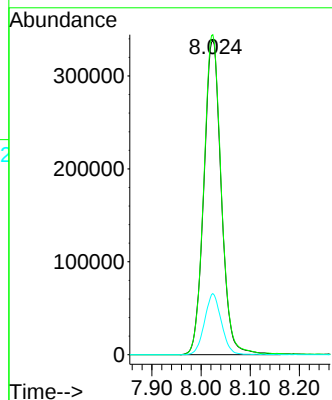
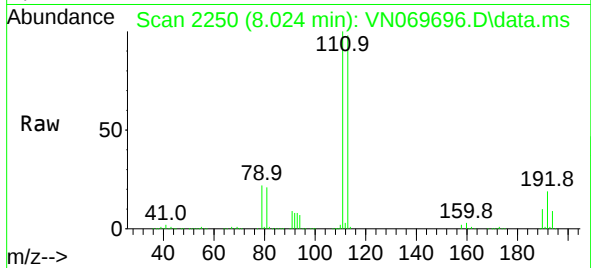




#35
Dibromofluoromethane
Concen: 49.661 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

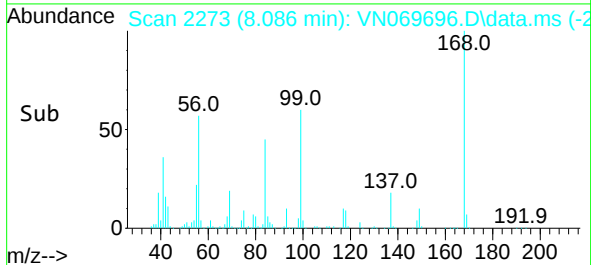
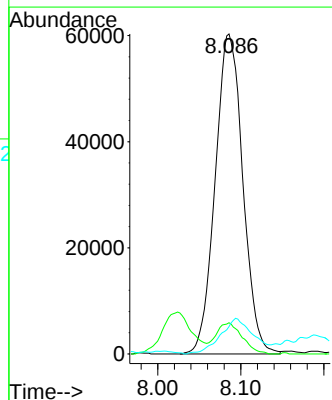
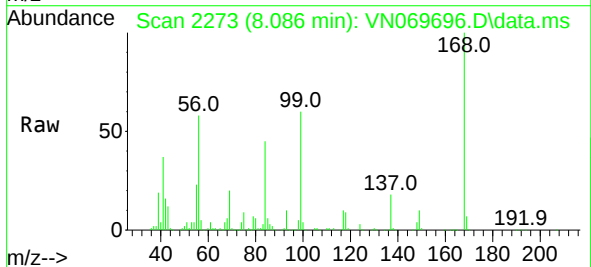
Instrument :
MSVOA_N
ClientSampleId :

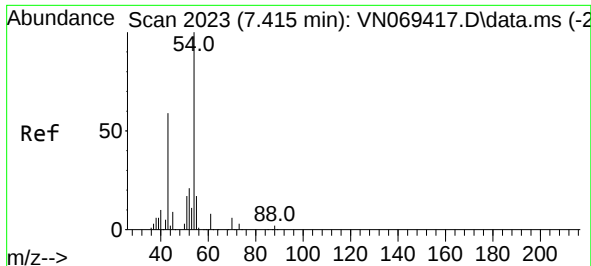
Tgt Ion:113 Resp: 832742
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.935 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 75 Resp: 139615
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.432 ug/l

RT: 7.345 min Scan# 11

Delta R.T. -0.070 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

ClientSampleId :

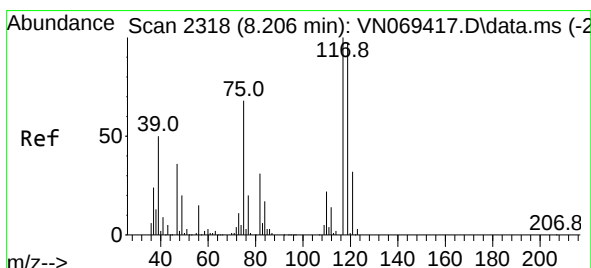
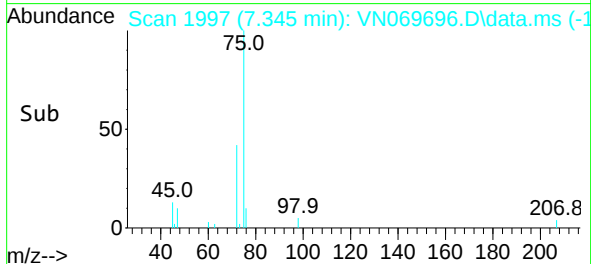
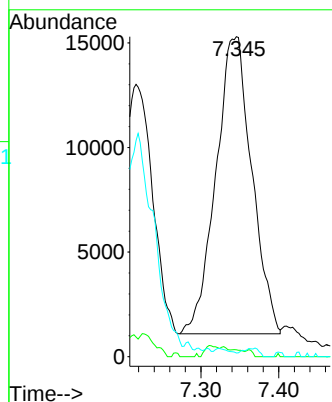
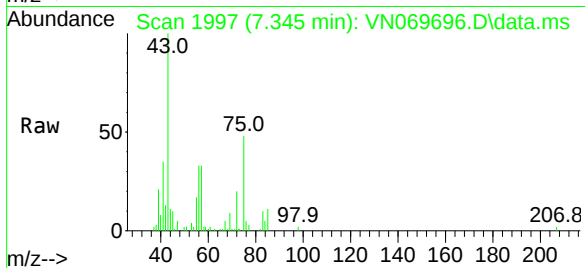
Tgt Ion: 43 Resp: 45553

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 7.397 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.120 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

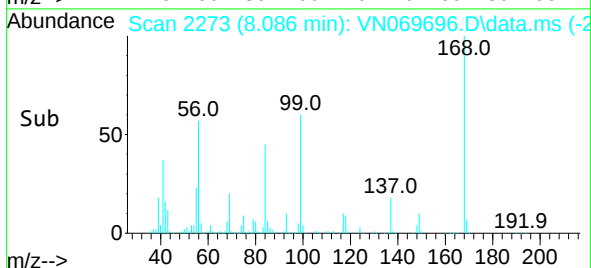
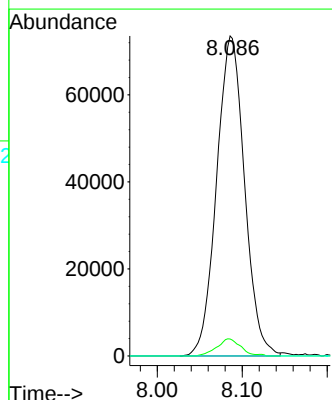
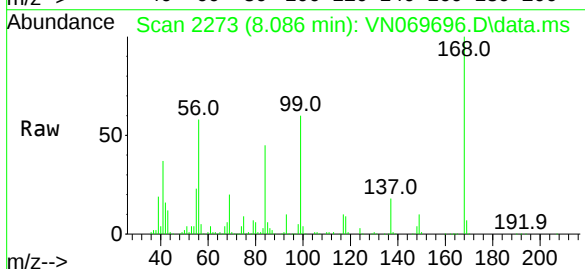
Tgt Ion: 117 Resp: 167998

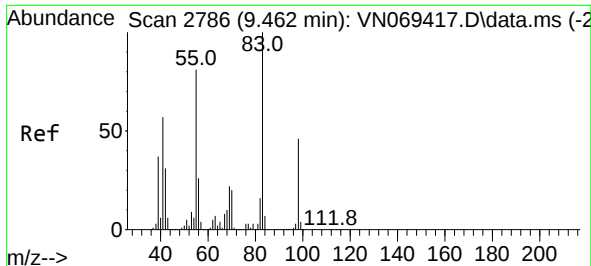
Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.2 36.2#

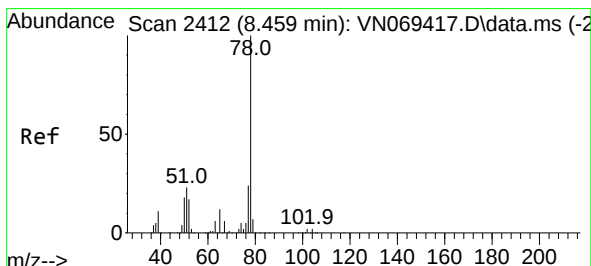
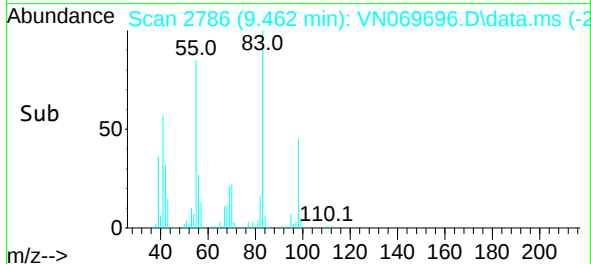
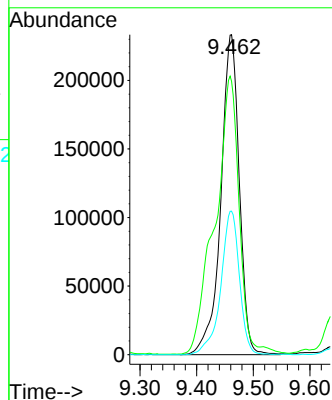
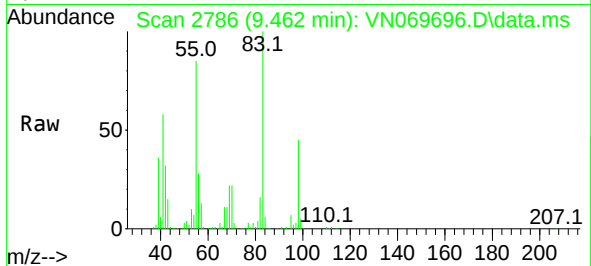




#39
Methylcyclohexane
Concen: 18.110 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

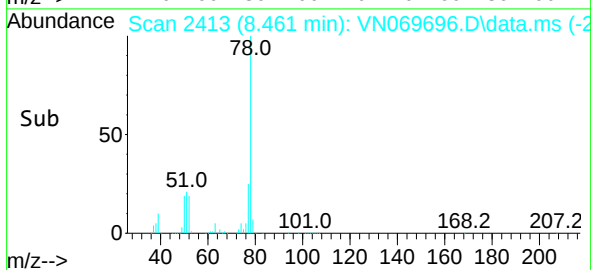
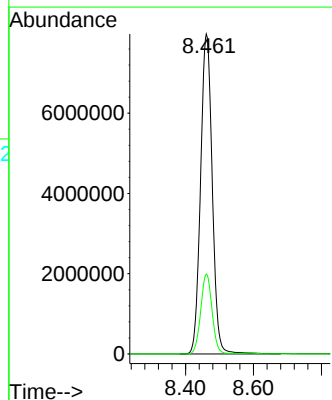
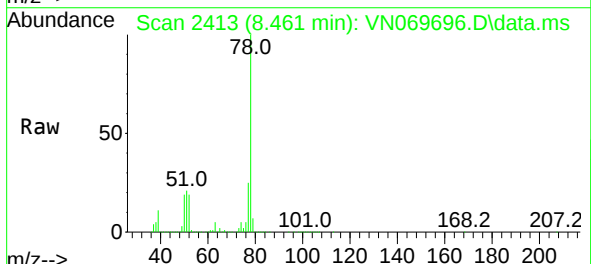
Instrument :
MSVOA_N
ClientSampleId :

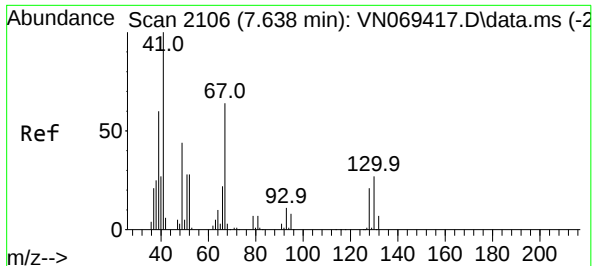
Tgt Ion: 83 Resp: 529985
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 44.9 38.4 57.6



#40
Benzene
Concen: 262.247 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

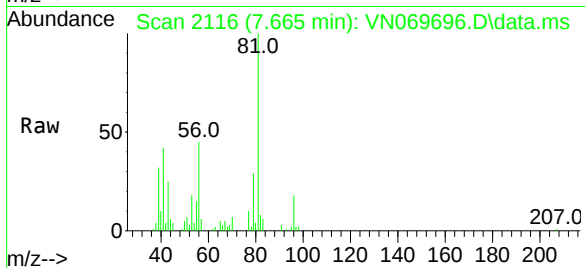
Tgt Ion: 78 Resp:19043043
Ion Ratio Lower Upper
78 100
77 25.0 18.6 27.8



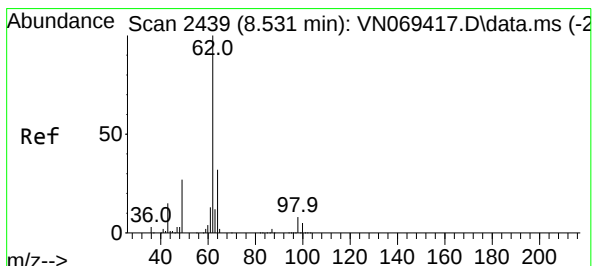
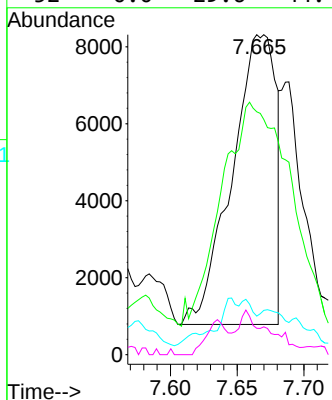
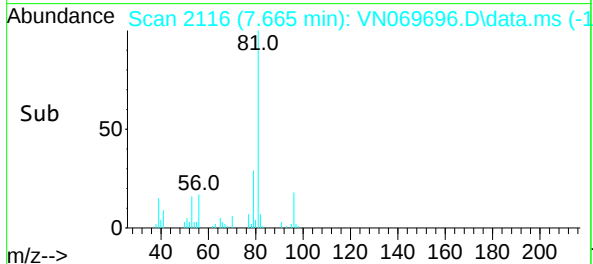


#41
Methacrylonitrile
Concen: 1.046 ug/l
RT: 7.665 min Scan# 2106
Delta R.T. 0.027 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

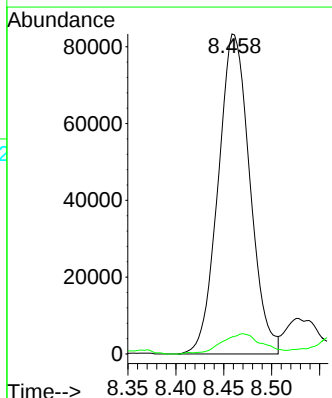
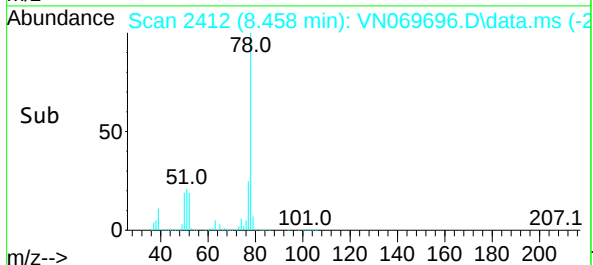
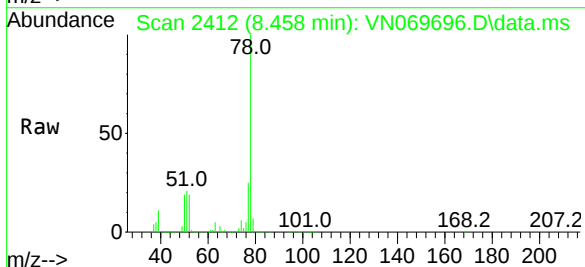


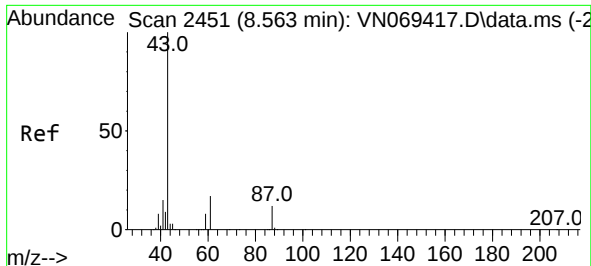
Tgt Ion: 41 Resp: 17184
Ion Ratio Lower Upper
41 100
39 125.6 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#



#42
1,2-Dichloroethane
Concen: 6.746 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.073 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

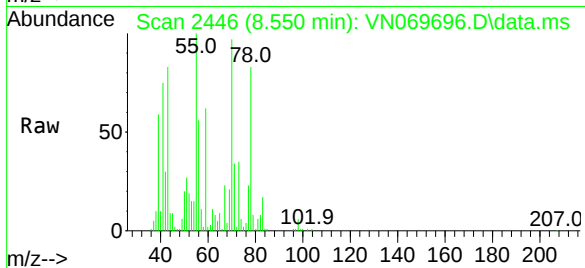
Tgt Ion: 62 Resp: 191820
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6



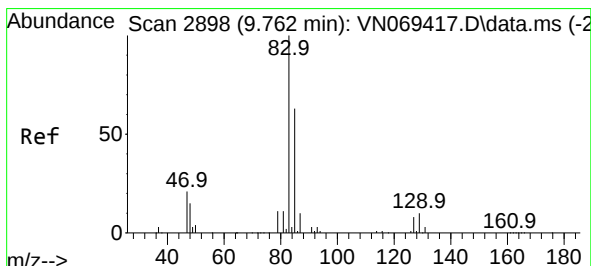
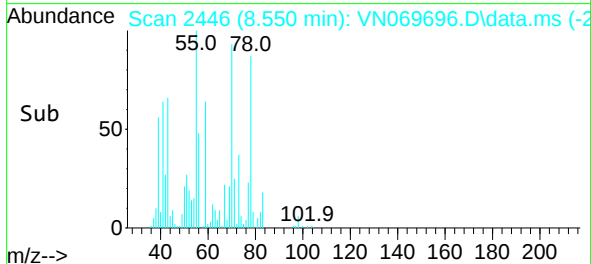
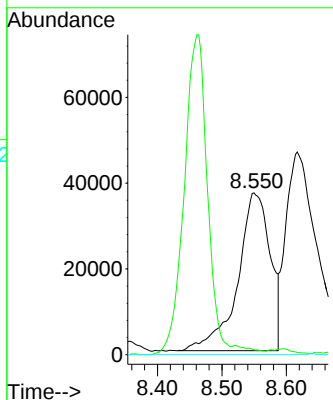


#43
Isopropyl Acetate
Concen: 2.528 ug/l
RT: 8.550 min Scan# 2451
Delta R.T. -0.013 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

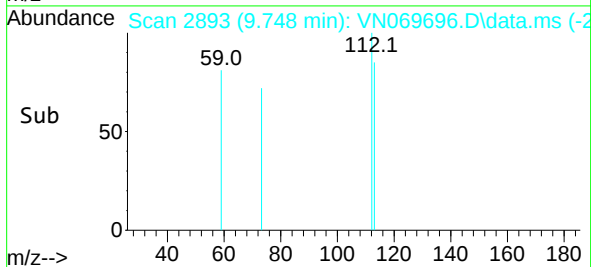
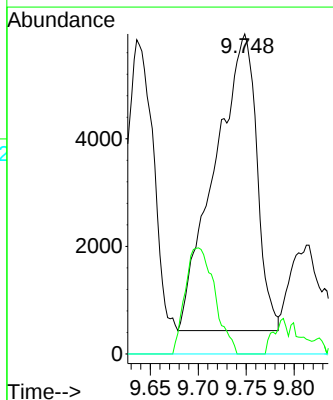
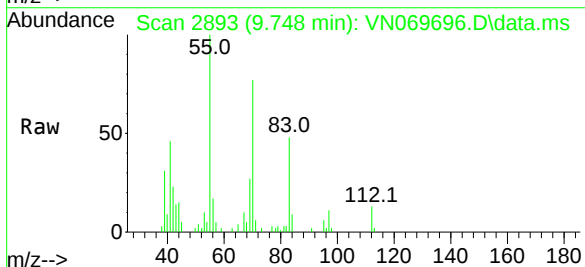


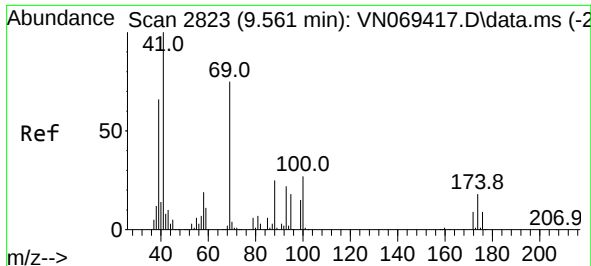
Tgt Ion: 43 Resp: 129151
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.693 ug/l
RT: 9.748 min Scan# 2893
Delta R.T. -0.014 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

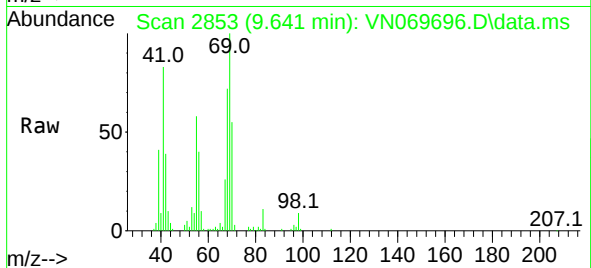
Tgt Ion: 83 Resp: 16801
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



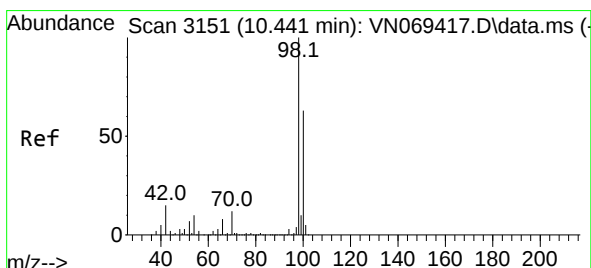
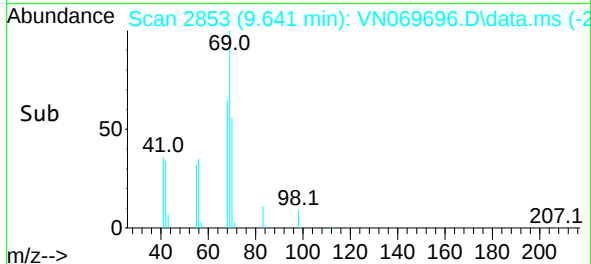
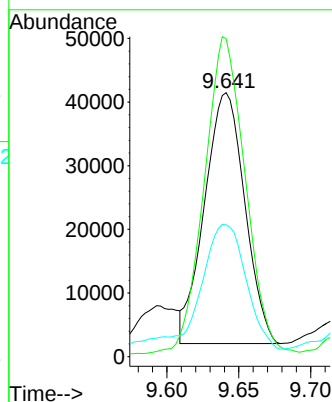


#48
Methyl methacrylate
Concen: 3.195 ug/l
RT: 9.641 min Scan# 2823
Delta R.T. 0.080 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

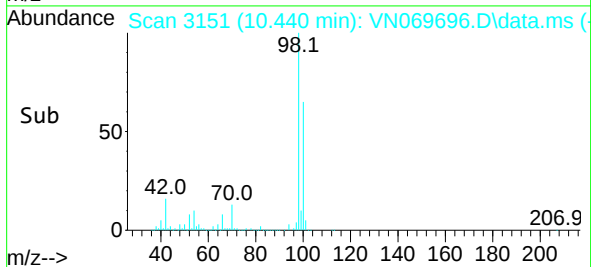
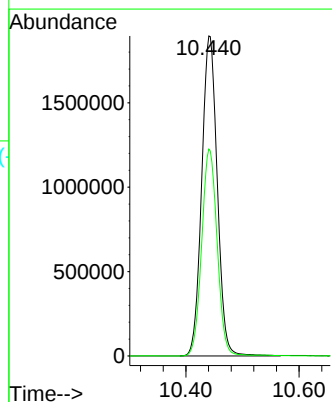
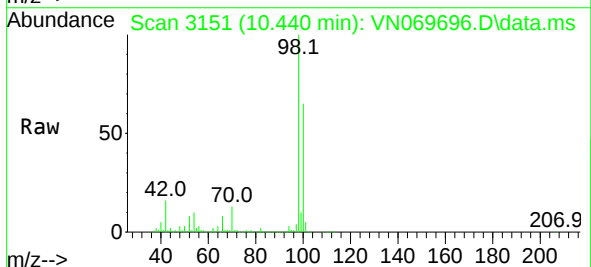


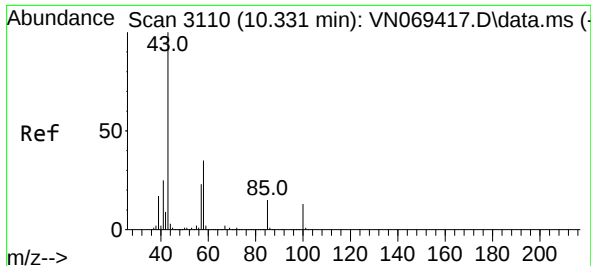
Tgt Ion: 41 Resp: 76774
Ion Ratio Lower Upper
41 100
69 128.1 72.4 108.6#
39 57.4 58.4 87.6#



#50
Toluene-d8
Concen: 54.697 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 98 Resp: 3607279
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

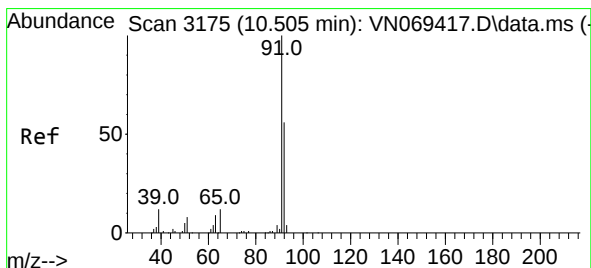
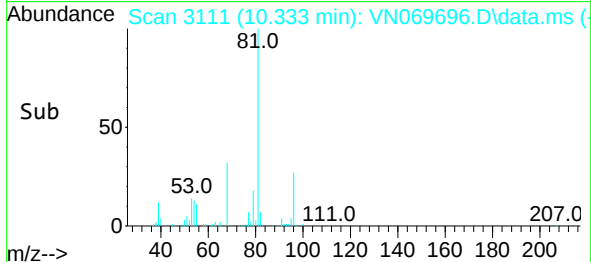
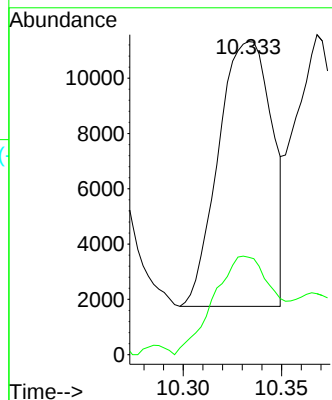
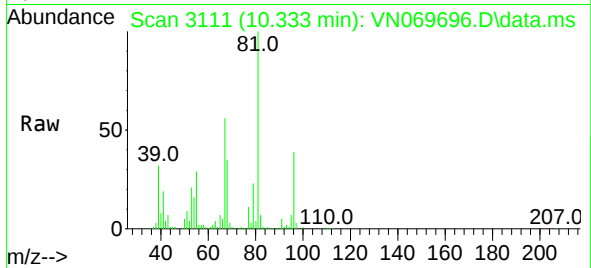




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

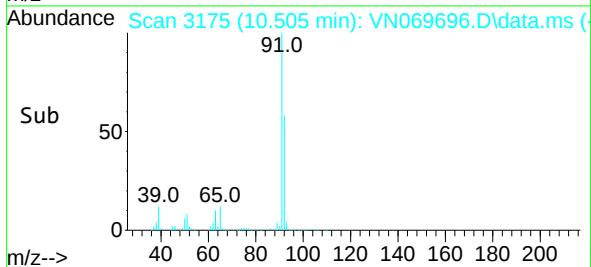
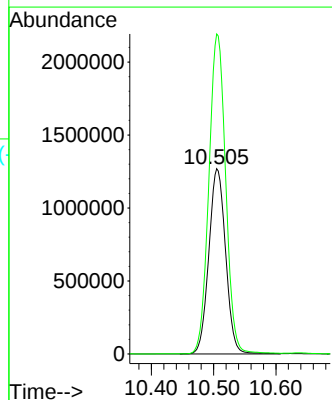
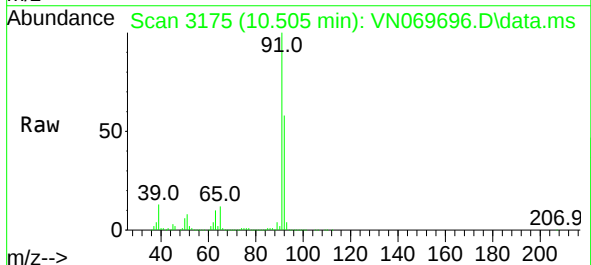
Instrument :
MSVOA_N
ClientSampleId :

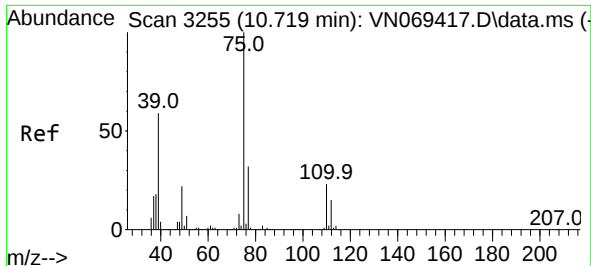
Tgt Ion: 43 Resp: 18093
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6



#52
Toluene
Concen: 52.521 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 92 Resp: 2375935
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0

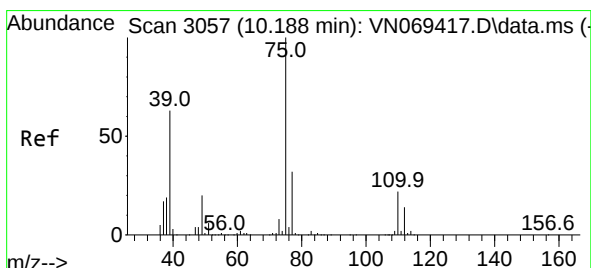
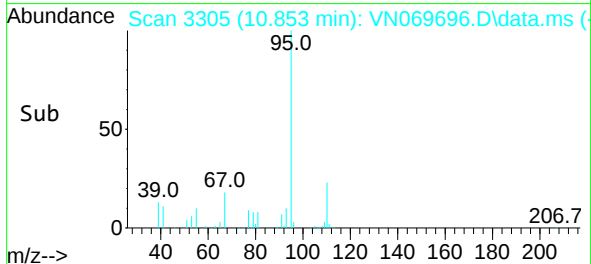
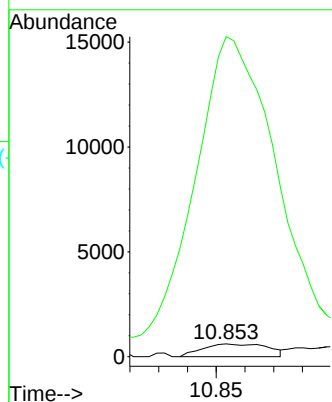
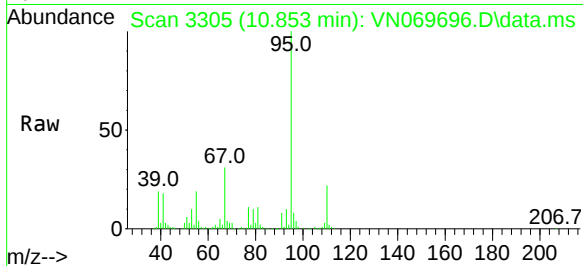




#53
t-1,3-Dichloropropene
Concen: 2.668 ug/l
RT: 10.853 min Scan# 3102
Delta R.T. 0.134 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

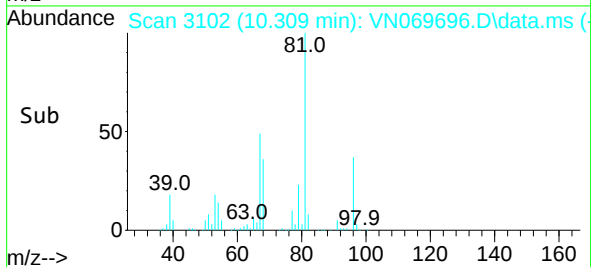
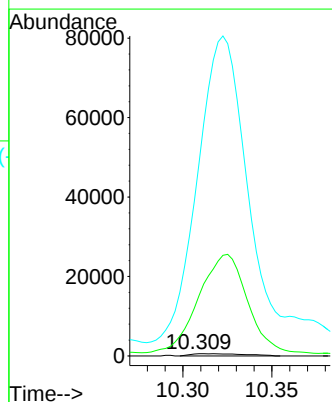
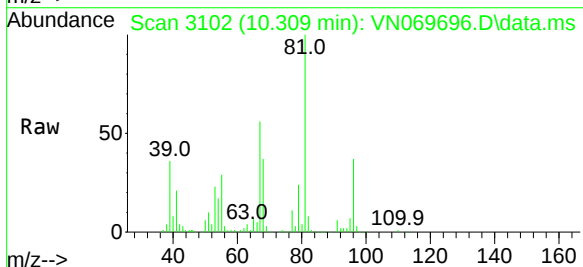
Instrument :
MSVOA_N
ClientSampleId :

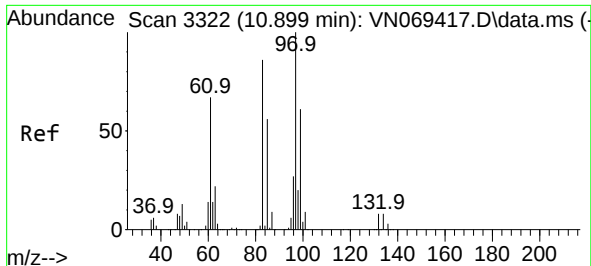
Tgt Ion: 75 Resp: 964
Ion Ratio Lower Upper
75 100
77 1649.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 1.770 ug/l
RT: 10.309 min Scan# 3102
Delta R.T. 0.121 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

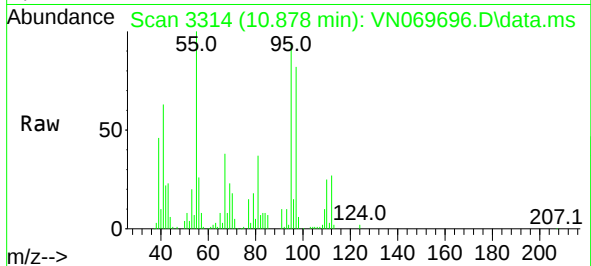
Tgt Ion: 75 Resp: 1213
Ion Ratio Lower Upper
75 100
77 2328.0 26.4 39.6#
39 6730.7 42.5 63.7#



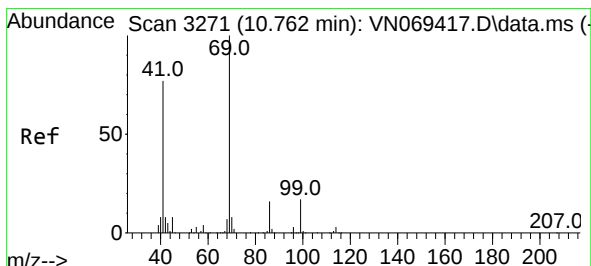
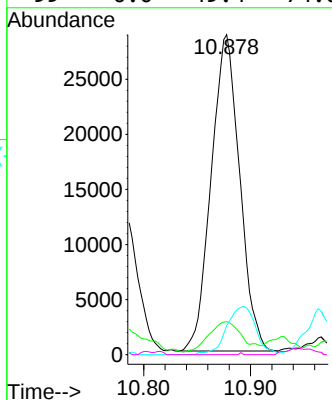
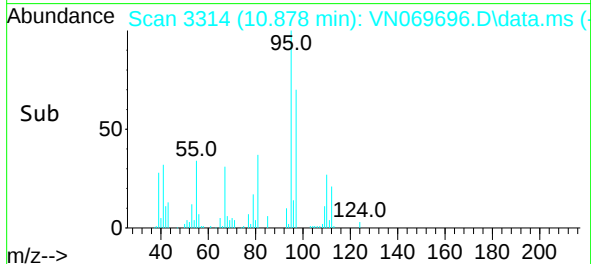


#55
1,1,2-Trichloroethane
Concen: 2.916 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

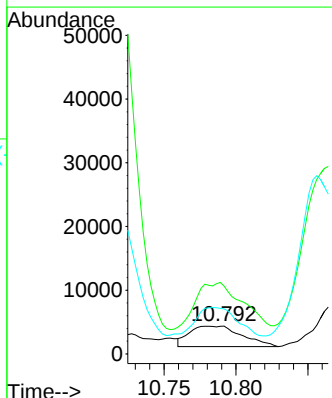
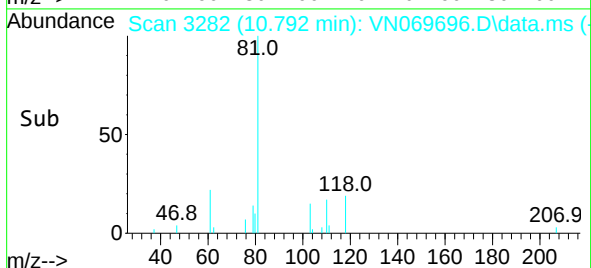
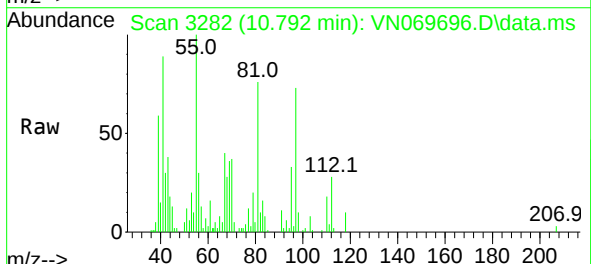


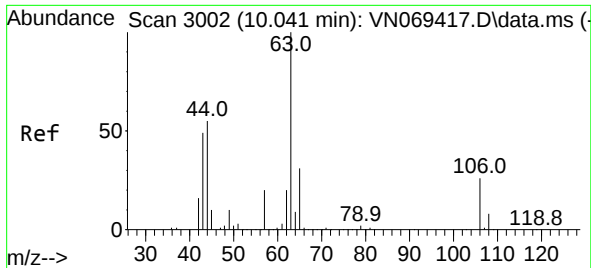
Tgt Ion: 97	Resp: 53180
Ion Ratio	Lower Upper
97 100	
83 9.1	67.8 101.6#
85 9.1	45.4 68.2#
99 0.0	49.4 74.0#



#56
Ethyl methacrylate
Concen: 2.280 ug/l
RT: 10.792 min Scan# 3282
Delta R.T. 0.030 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 69	Resp: 8144
Ion Ratio	Lower Upper
69 100	
41 202.7	51.4 77.0#
39 0.0	34.6 52.0#

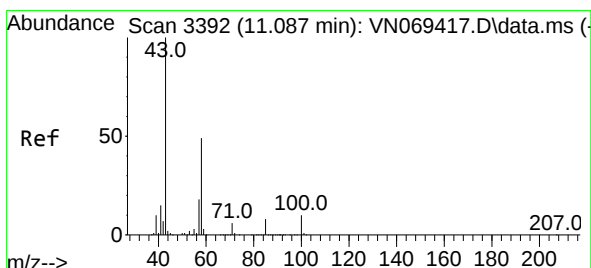
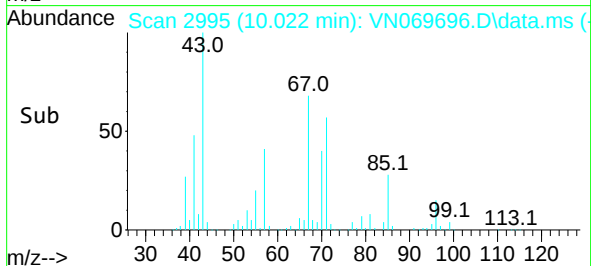
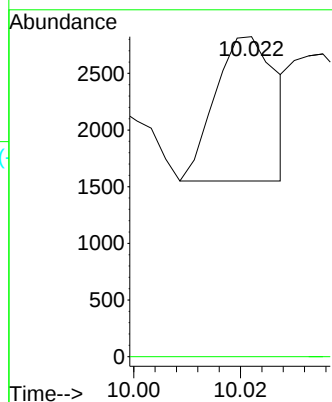
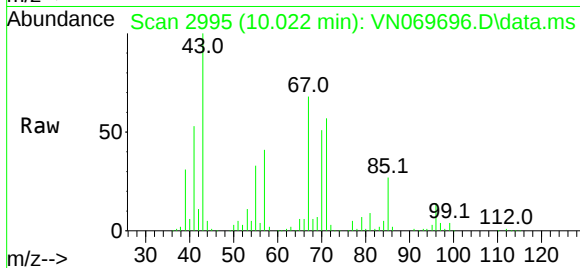




#58
2-Chloroethyl Vinyl ether
Concen: 22.874 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.019 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

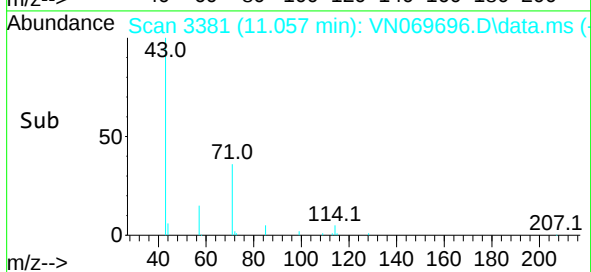
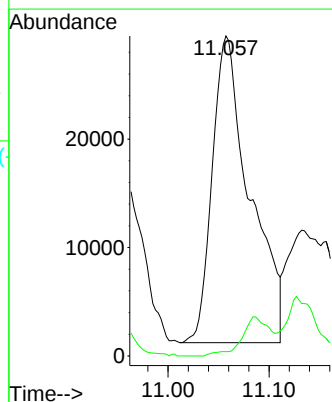
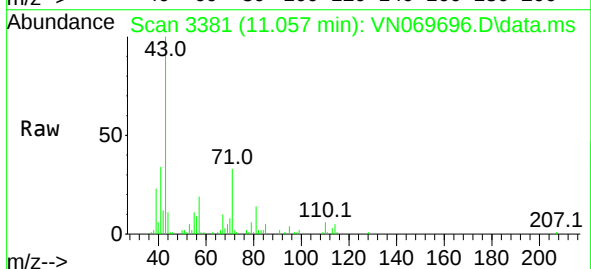
Instrument :
MSVOA_N
ClientSampleId :

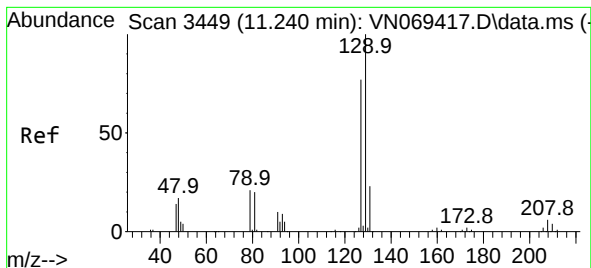
Tgt Ion: 63 Resp: 1009
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 10.485 ug/l
RT: 11.057 min Scan# 3381
Delta R.T. -0.030 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 43 Resp: 73129
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#





#60

Dibromochloromethane

Concen: 2.419 ug/l

RT: 11.012 min Scan# 31

Delta R.T. -0.228 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

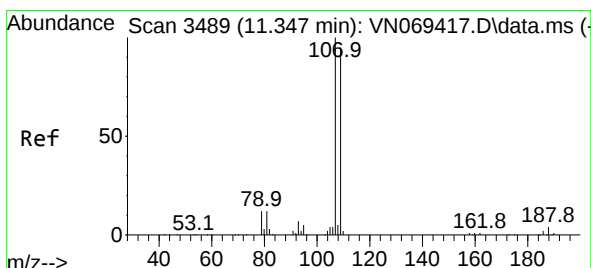
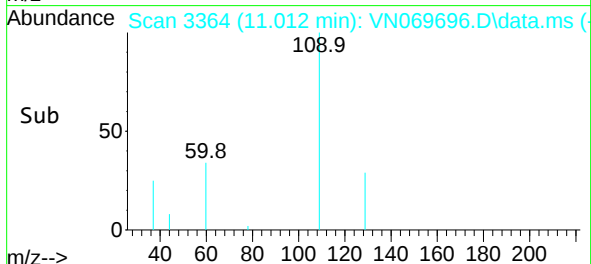
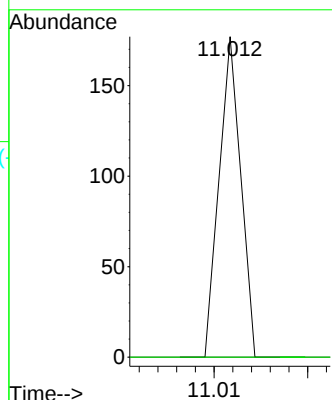
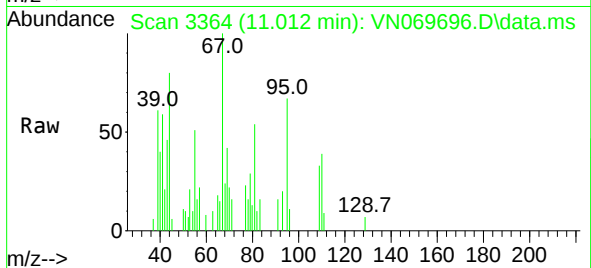
ClientSampleId :

Tgt Ion:129 Resp: 28

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#61

1,2-Dibromoethane

Concen: 1.074 ug/l

RT: 11.350 min Scan# 3490

Delta R.T. 0.003 min

Lab File: VN069696.D

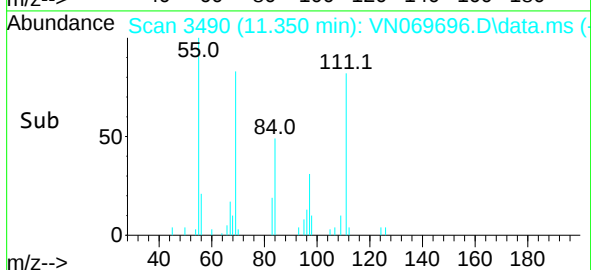
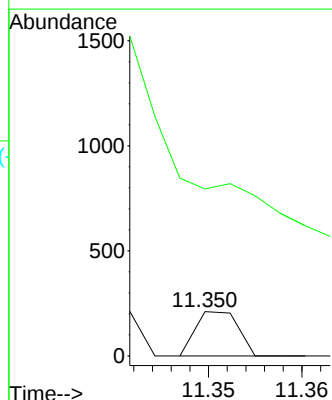
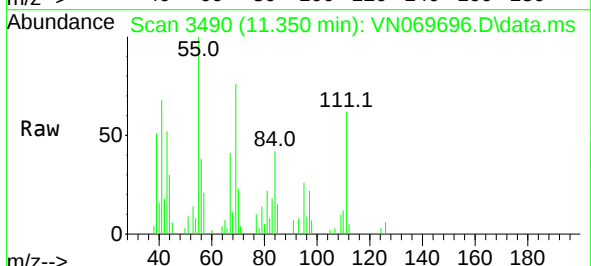
Acq: 1 Dec 2021 17:25

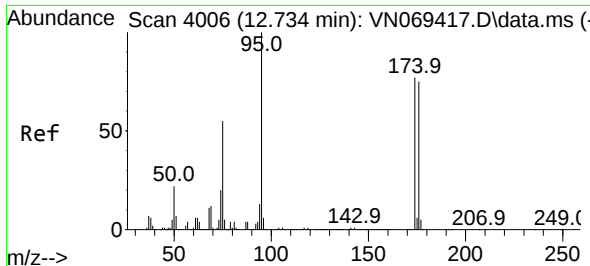
Tgt Ion:107 Resp: 67

Ion Ratio Lower Upper

107 100

109 0.0 75.7 113.5#

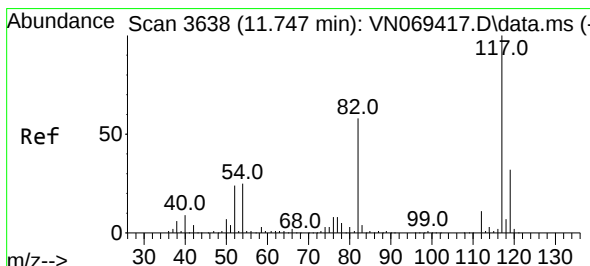
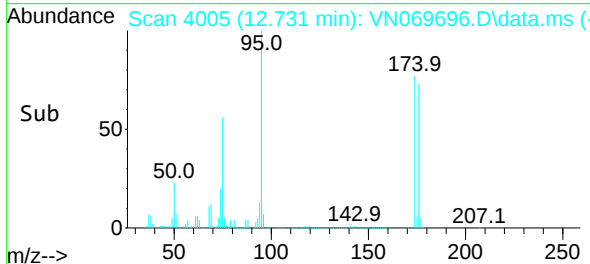
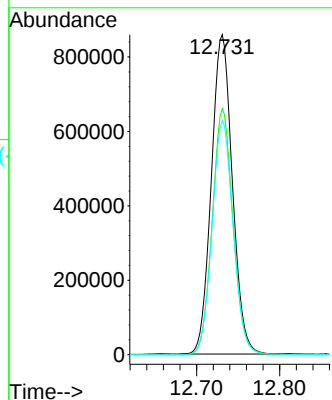
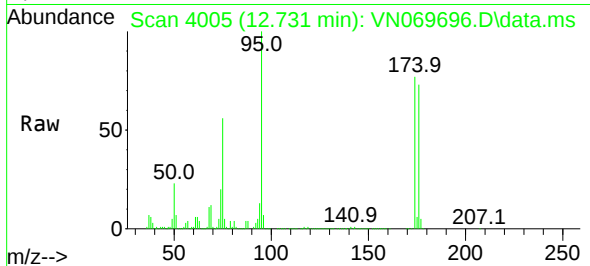




#62
4-Bromofluorobenzene
Concen: 62.287 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

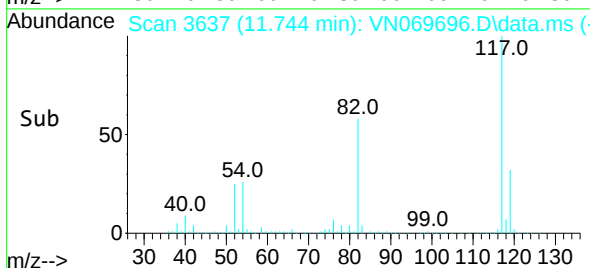
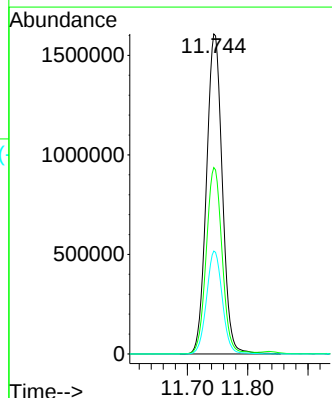
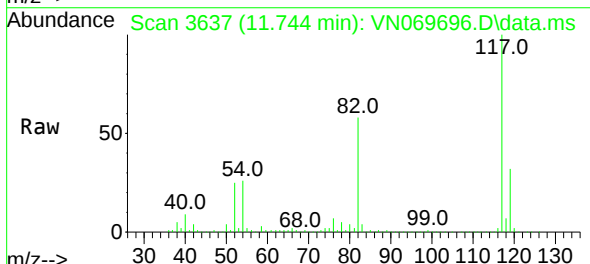
Instrument :
MSVOA_N
ClientSampleId :

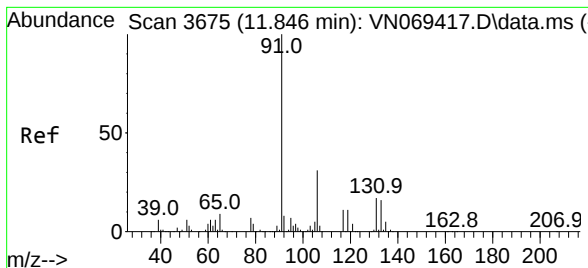
Tgt Ion: 95 Resp: 1509062
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 117 Resp: 2931565
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.1 25.4 38.2





#67

Ethyl Benzene

Concen: 145.419 ug/l

RT: 11.843 min Scan# 3

Delta R.T. -0.003 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

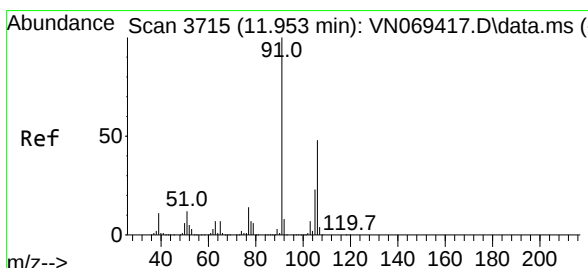
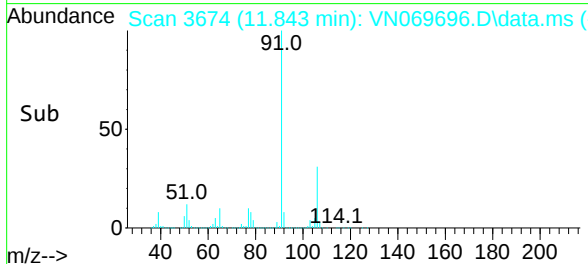
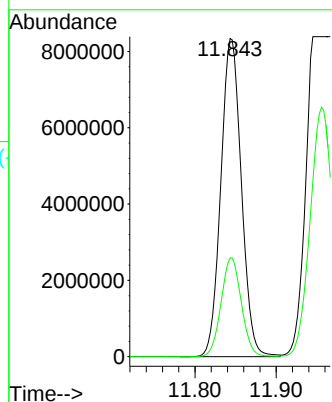
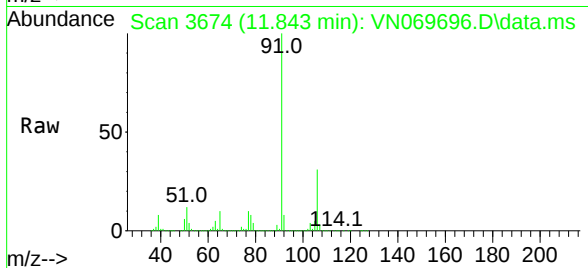
ClientSampleId :

Tgt Ion: 91 Resp:14634744

Ion Ratio Lower Upper

91 100

106 31.0 25.7 38.5



#68

m/p-Xylenes

Concen: 346.164 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN069696.D

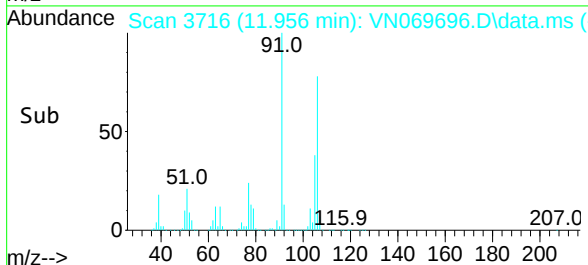
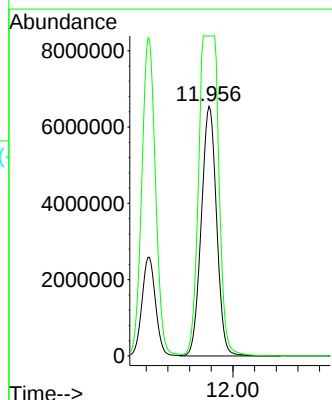
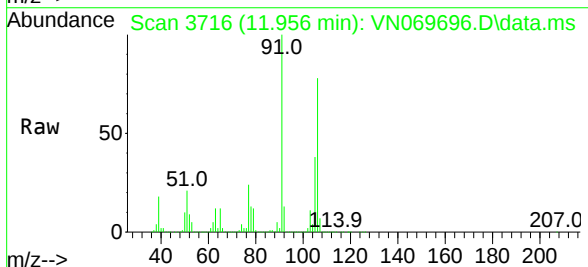
Acq: 1 Dec 2021 17:25

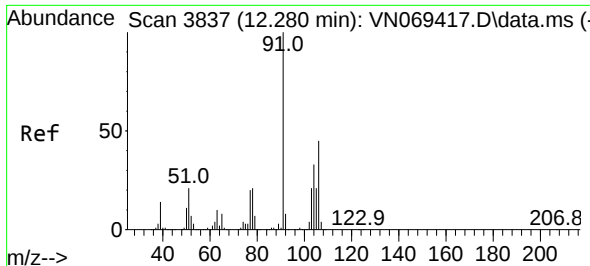
Tgt Ion:106 Resp:12812683

Ion Ratio Lower Upper

106 100

91 0.0 160.6 240.8#

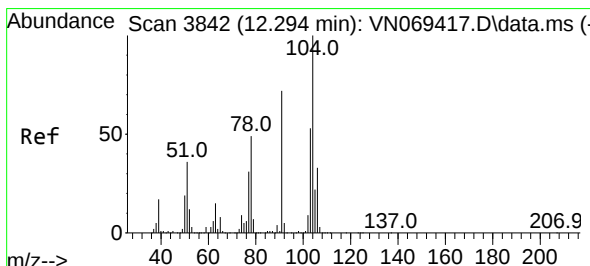
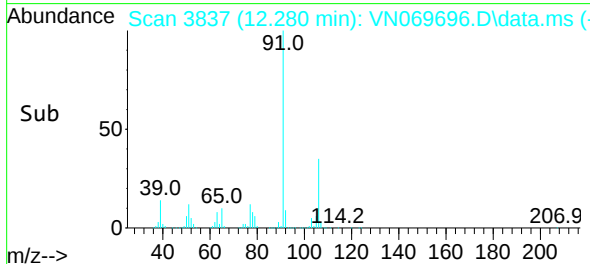
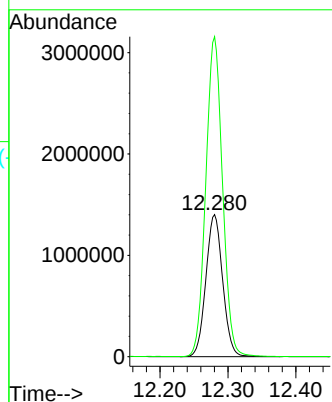
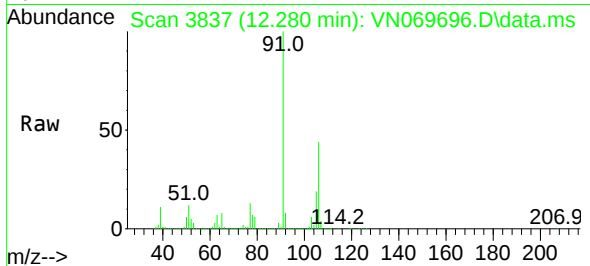




#69
o-Xylene
Concen: 65.096 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

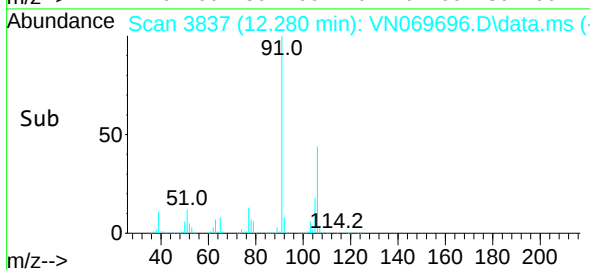
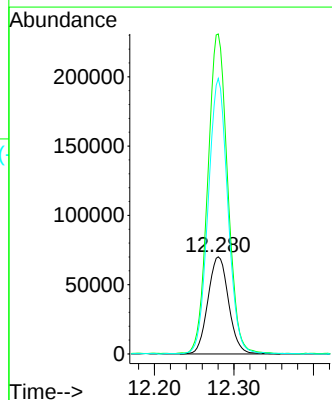
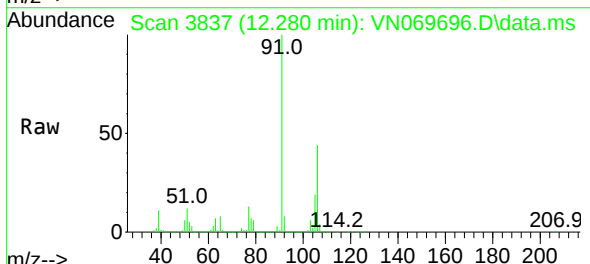
Instrument :
MSVOA_N
ClientSampleId :

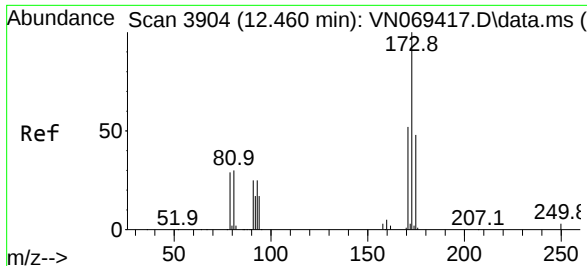
Tgt Ion:106 Resp: 2402040
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3



#70
Styrene
Concen: 3.371 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

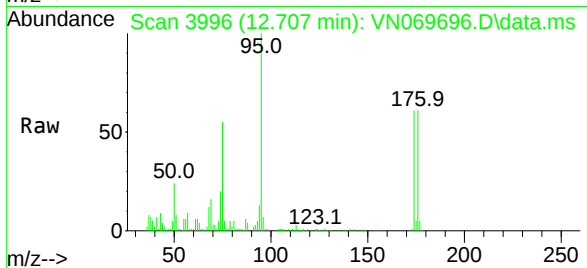
Tgt Ion:104 Resp: 126487
Ion Ratio Lower Upper
104 100
78 316.4 38.7 58.1#
103 268.5 45.0 67.6#



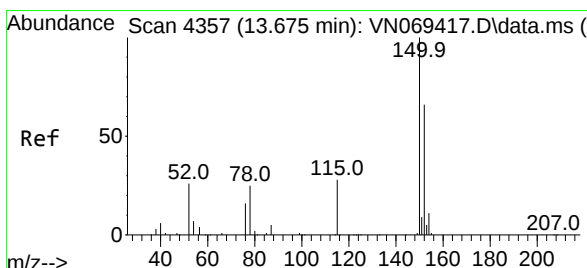
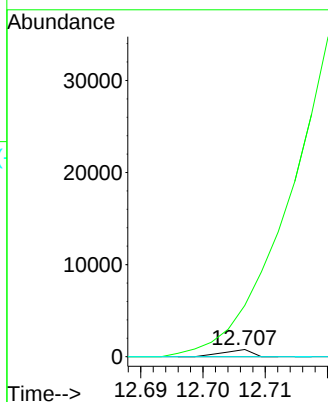
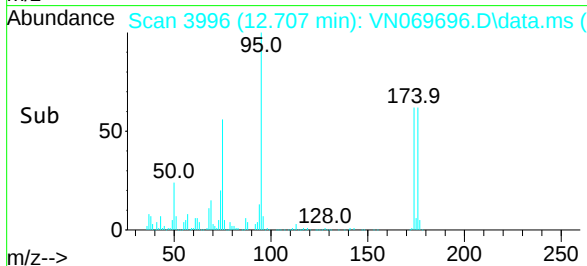


#71
Bromoform
Concen: 3.442 ug/l
RT: 12.707 min Scan# 3904
Delta R.T. 0.247 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

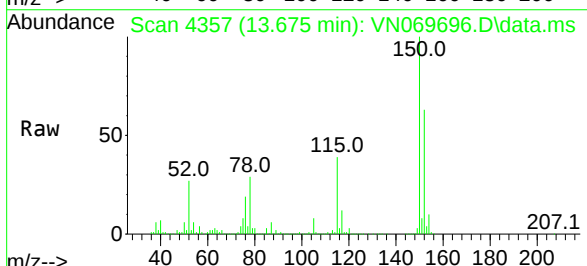
Instrument :
MSVOA_N
ClientSampleId :



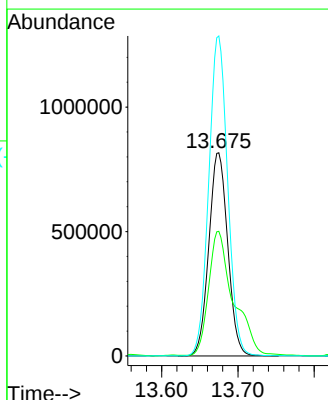
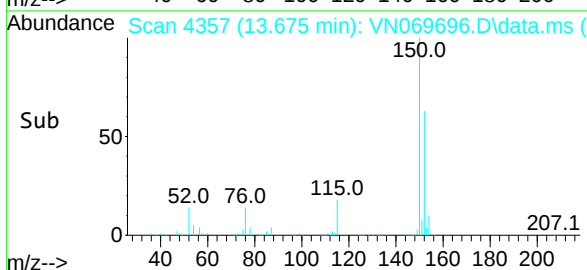
Tgt Ion:173 Resp: 246
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0

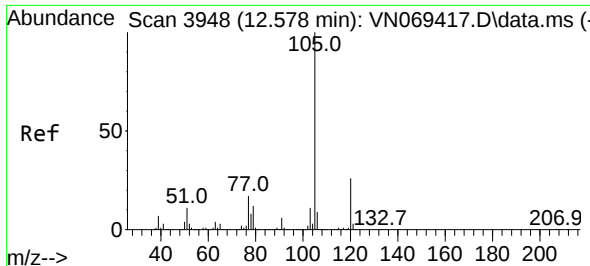


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25



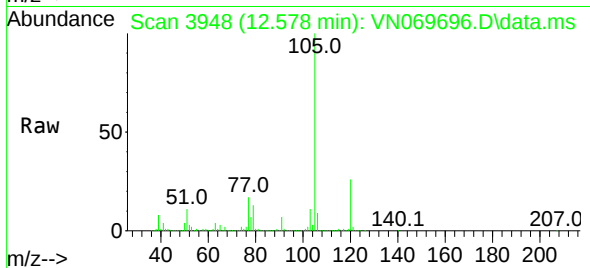
Tgt Ion:152 Resp: 1404979
Ion Ratio Lower Upper
152 100
115 81.1 27.5 82.5
150 157.4 0.0 344.4



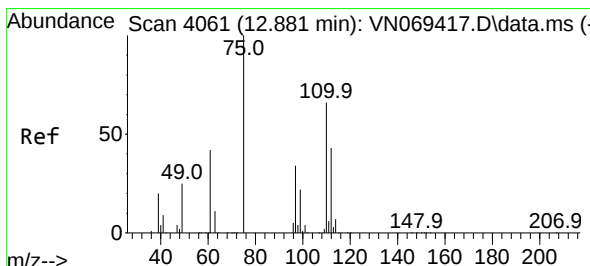
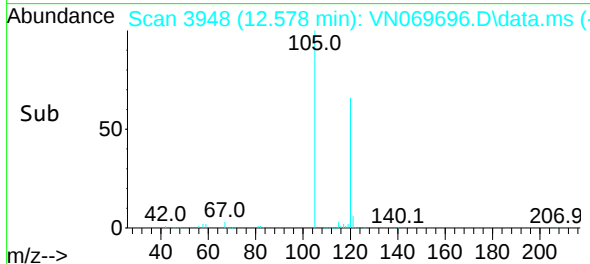
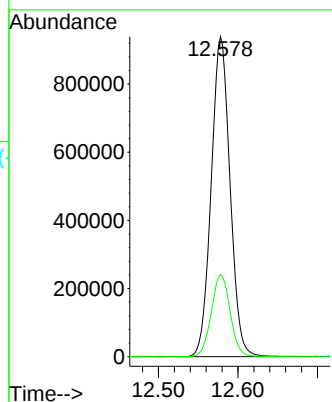


#73
Isopropylbenzene
Concen: 13.777 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Instrument :
MSVOA_N
ClientSampleId :

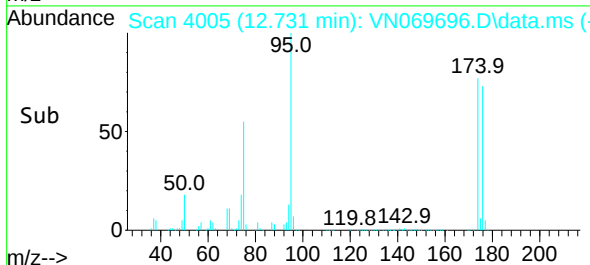
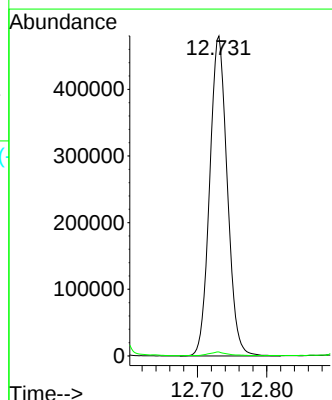
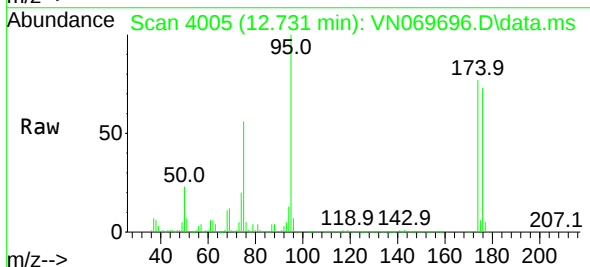


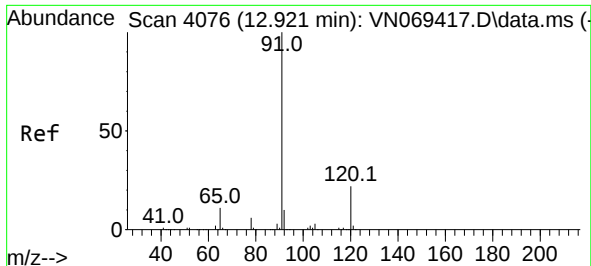
Tgt Ion:105 Resp: 1541187
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#76
1,2,3-Trichloropropane
Concen: 26.069 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 75 Resp: 845240
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#

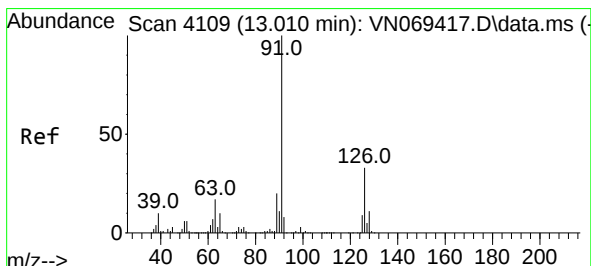
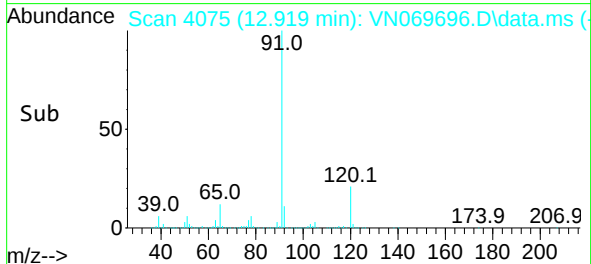
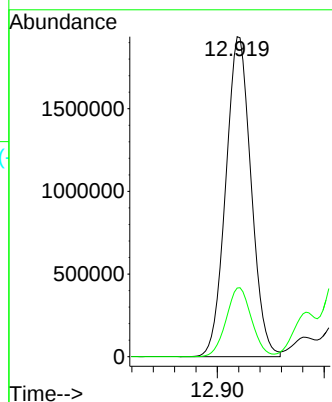
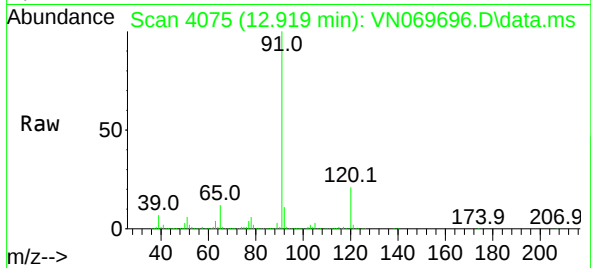




#78
n-propylbenzene
Concen: 25.301 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.002 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

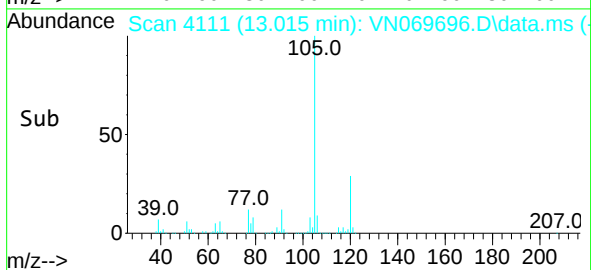
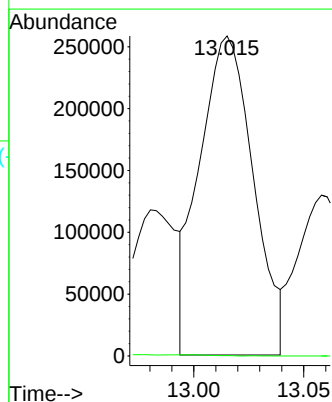
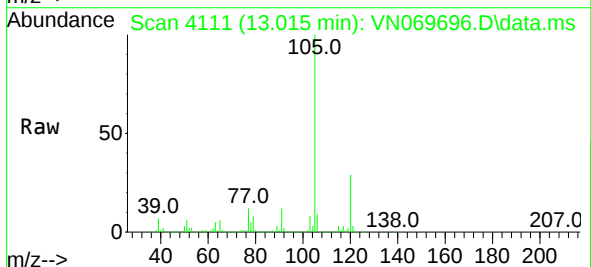
Instrument :
MSVOA_N
ClientSampleId :

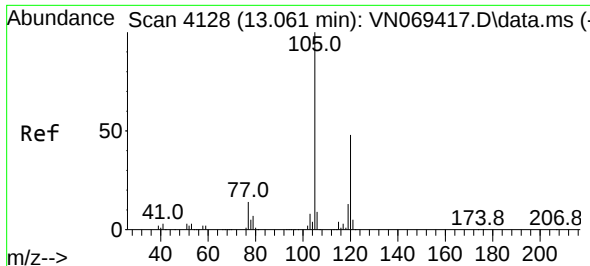
Tgt Ion: 91 Resp: 3184764
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9



#79
2-Chlorotoluene
Concen: 5.634 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.005 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 91 Resp: 439089
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

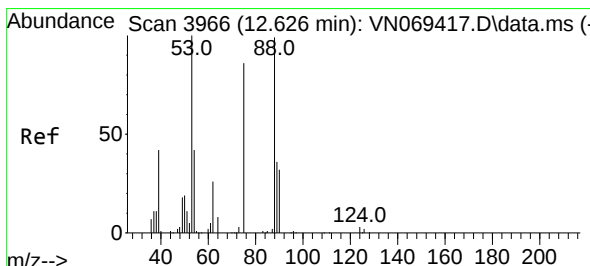
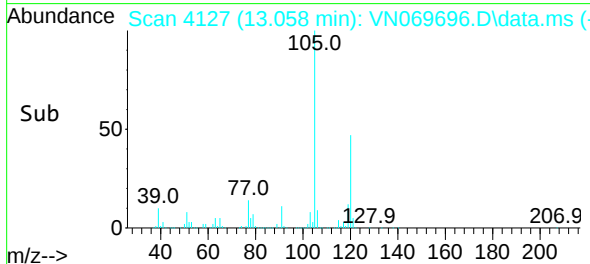
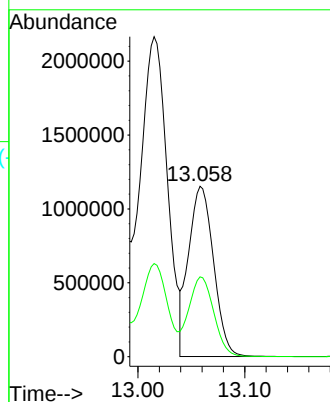
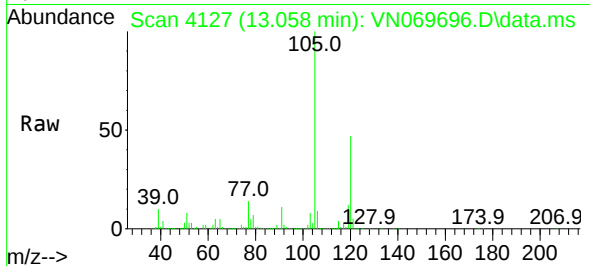




#80
1,3,5-Trimethylbenzene
Concen: 20.706 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

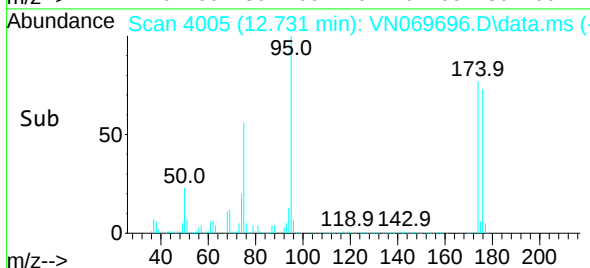
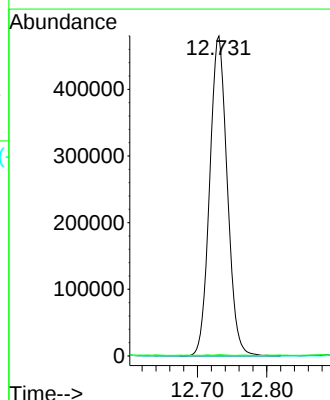
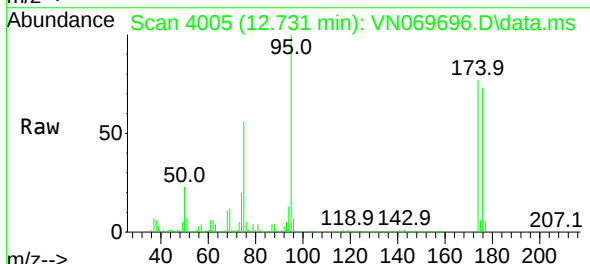
Instrument :
MSVOA_N
ClientSampleId :

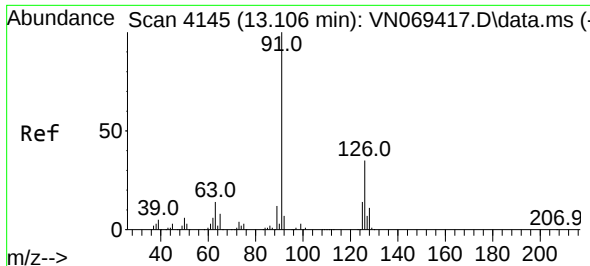
Tgt Ion:105 Resp: 1872492
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 74.403 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 75 Resp: 845240
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

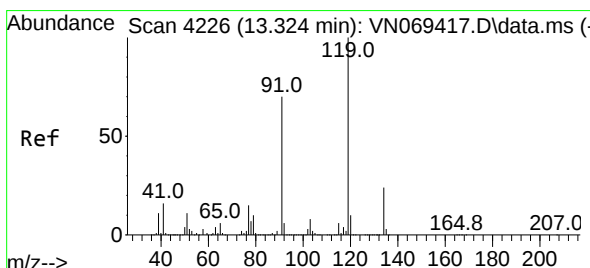
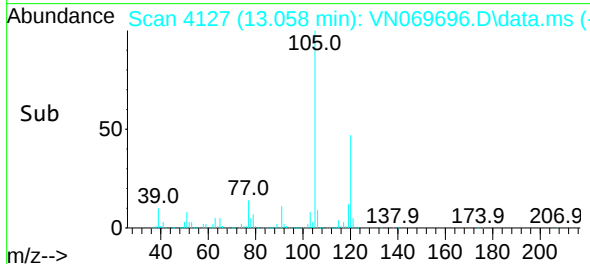
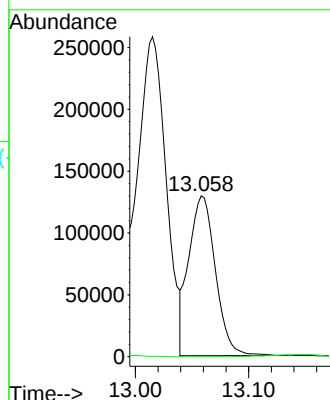
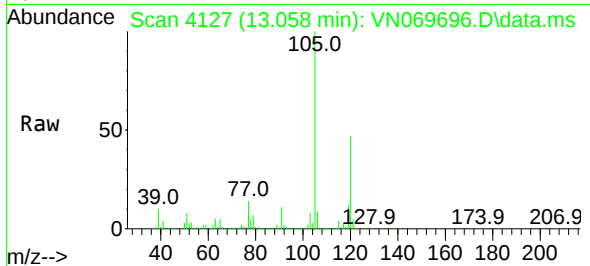




#82
4-Chlorotoluene
Concen: 2.838 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.048 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

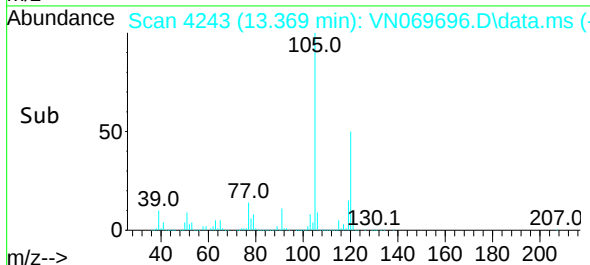
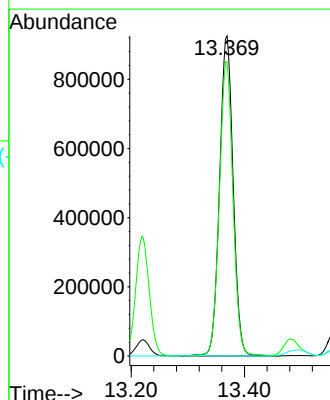
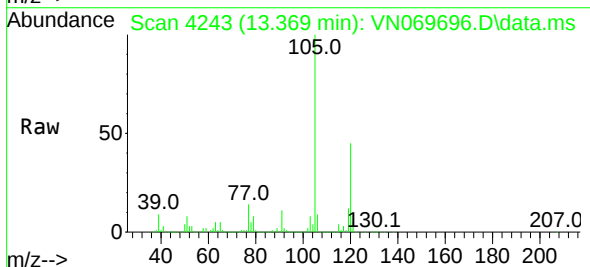
Instrument :
MSVOA_N
ClientSampleId :

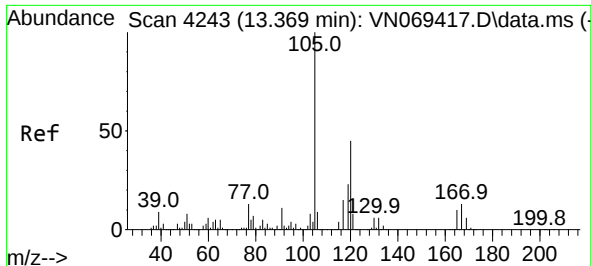
Tgt Ion: 91 Resp: 210829
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 19.458 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.045 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 119 Resp: 1542069
Ion Ratio Lower Upper
119 100
91 92.2 31.5 94.5
134 0.0 12.4 37.4#

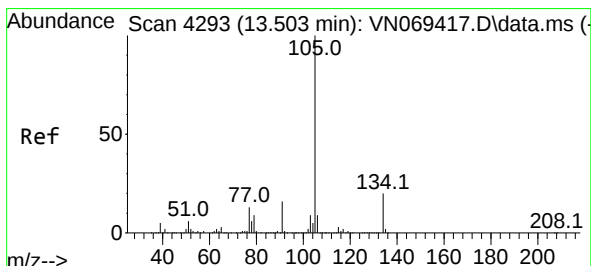
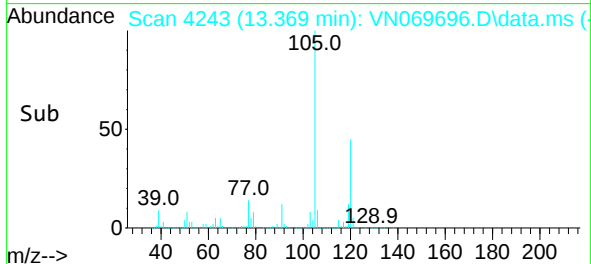
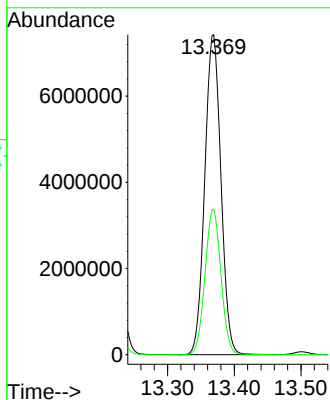
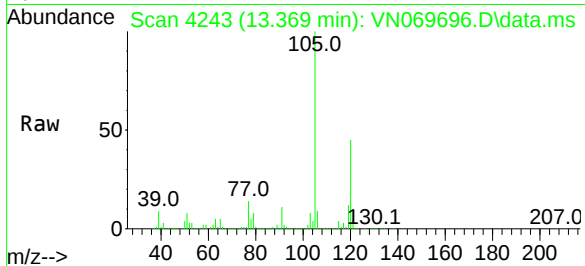




#84
1,2,4-Trimethylbenzene
Concen: 142.951 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

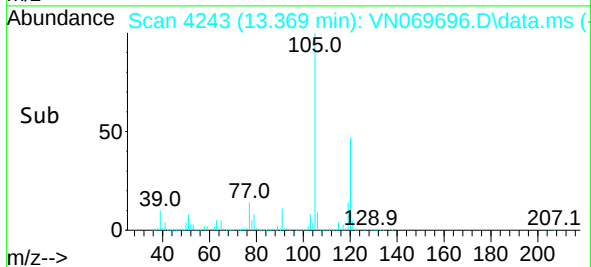
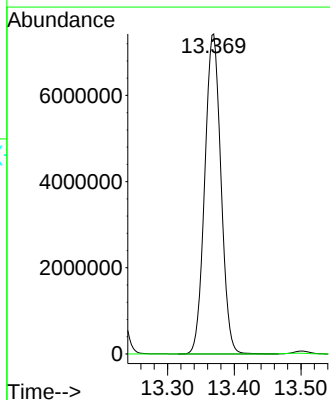
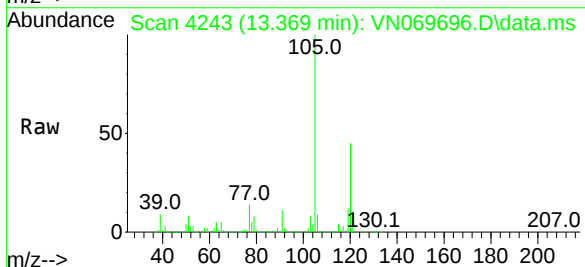
Instrument :
MSVOA_N
ClientSampleId :

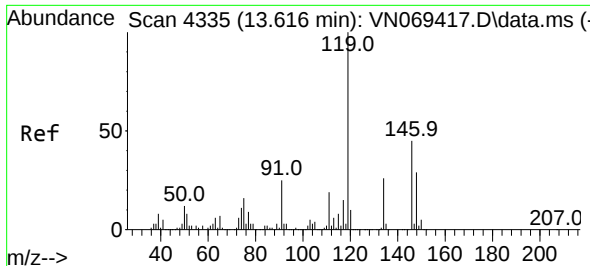
Tgt Ion:105 Resp:12480322
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4



#85
sec-Butylbenzene
Concen: 112.736 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.134 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

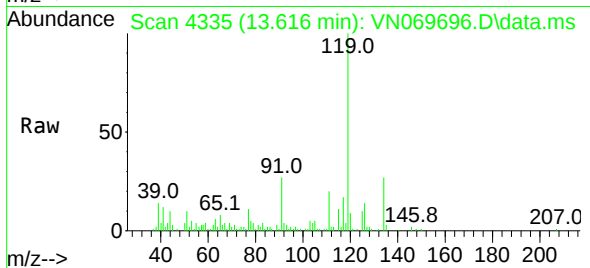
Tgt Ion:105 Resp:12480322
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#



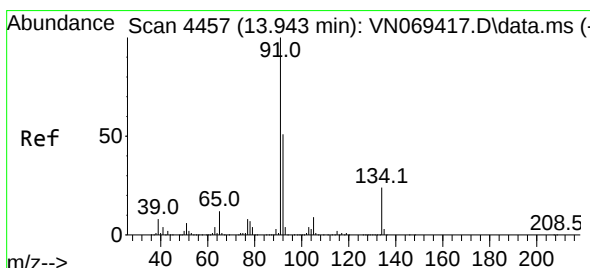
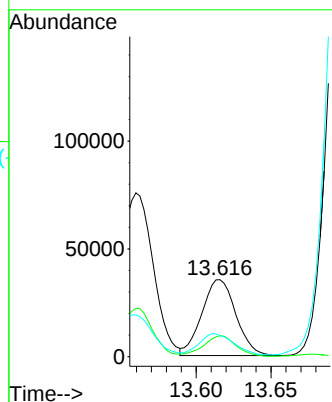
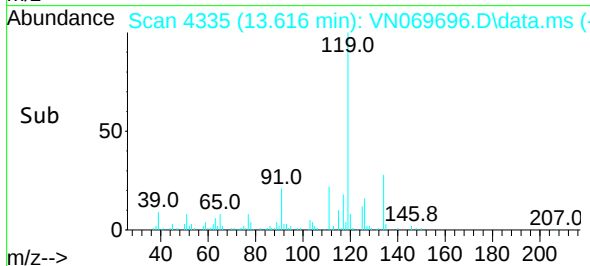


#86
p-Isopropyltoluene
Concen: 0.635 ug/l
RT: 13.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

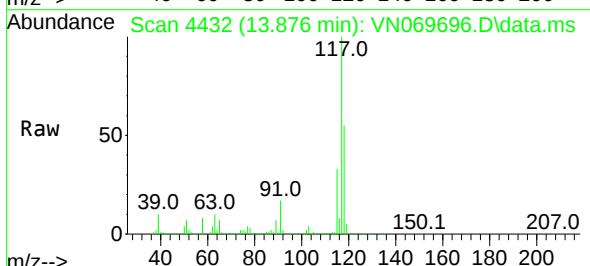
Instrument :
MSVOA_N
ClientSampleId :



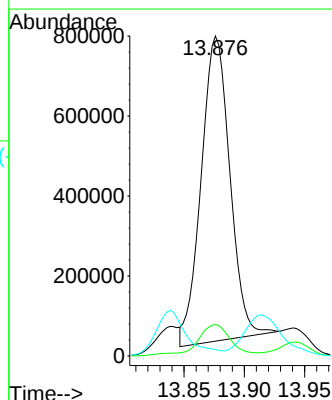
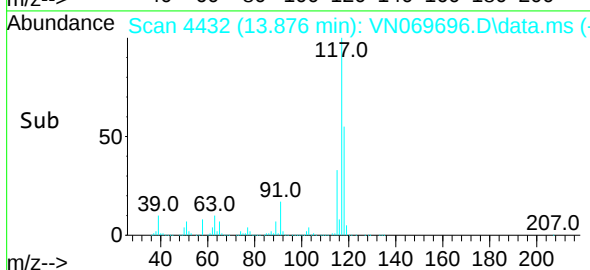
Tgt Ion:119 Resp: 55812
Ion Ratio Lower Upper
119 100
134 26.2 13.6 40.7
91 0.0 11.4 34.1#

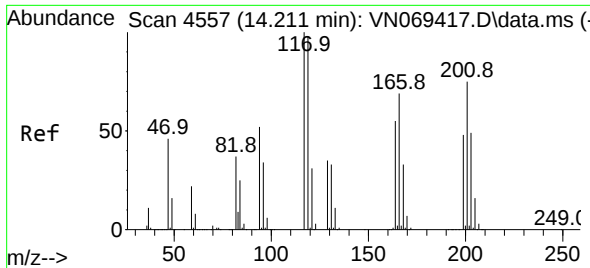


#89
n-Butylbenzene
Concen: 17.269 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.067 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25



Tgt Ion: 91 Resp: 1265538
Ion Ratio Lower Upper
91 100
92 12.1 25.4 76.0#
134 0.0 13.6 40.8#

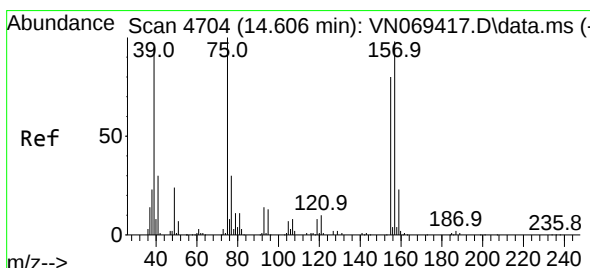
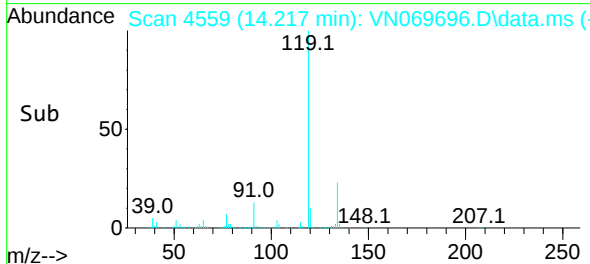
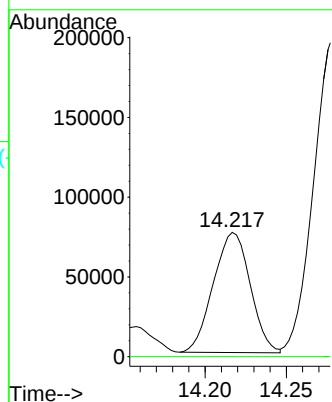
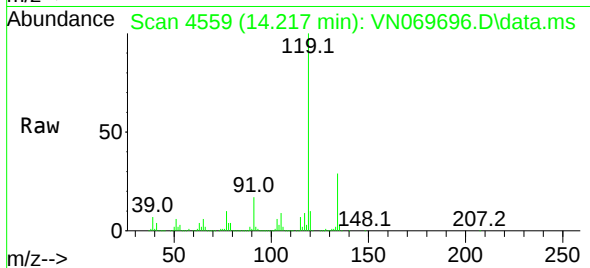




#90
Hexachloroethane
Concen: 9.218 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

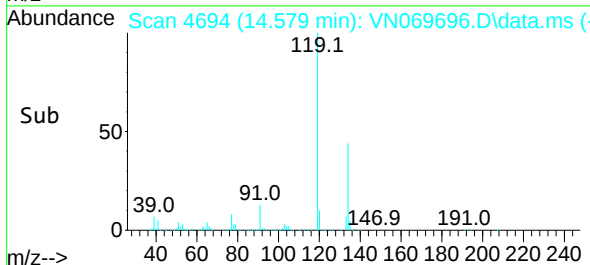
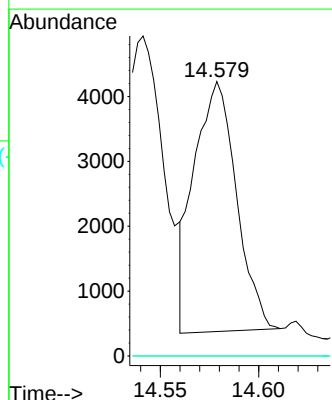
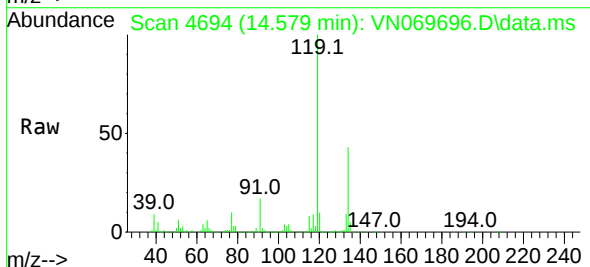
Instrument :
MSVOA_N
ClientSampleId :

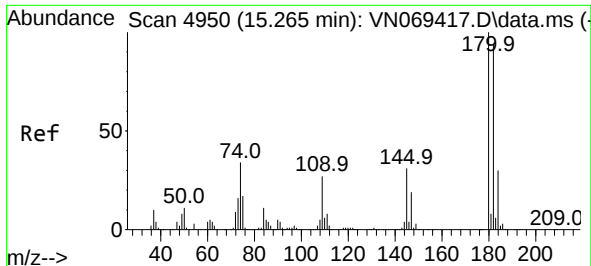
Tgt Ion:117 Resp: 119125
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.587 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.027 min
Lab File: VN069696.D
Acq: 1 Dec 2021 17:25

Tgt Ion: 75 Resp: 5750
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 3.225 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

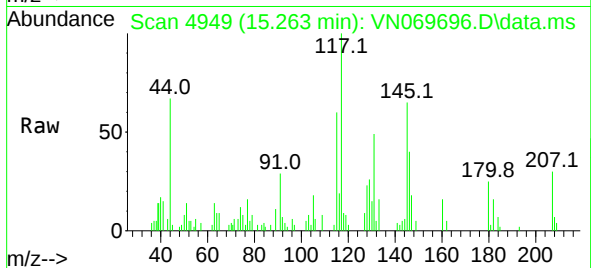
Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

ClientSampleId :



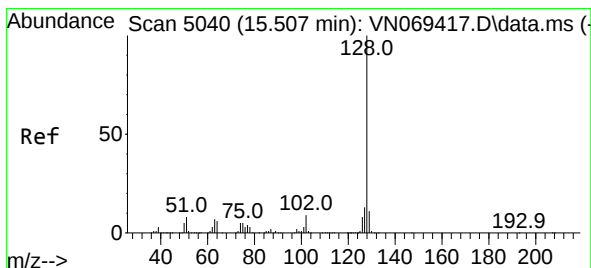
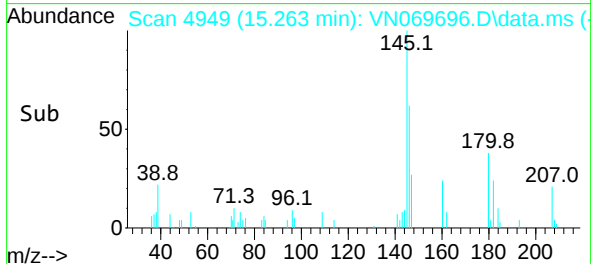
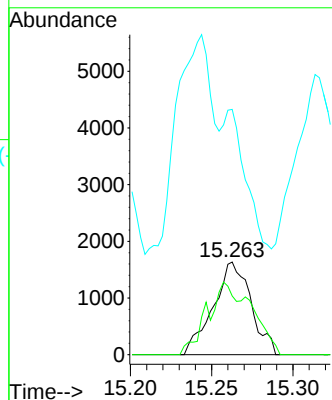
Tgt Ion:180 Resp: 2637

Ion Ratio Lower Upper

180 100

182 73.7 48.3 144.9

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 43.449 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.003 min

Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

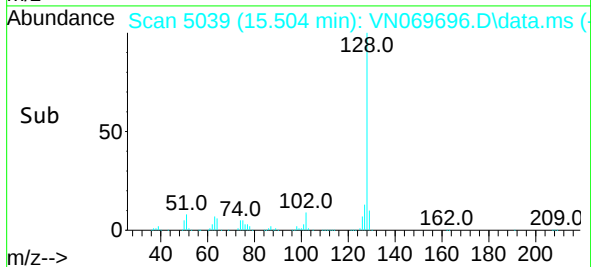
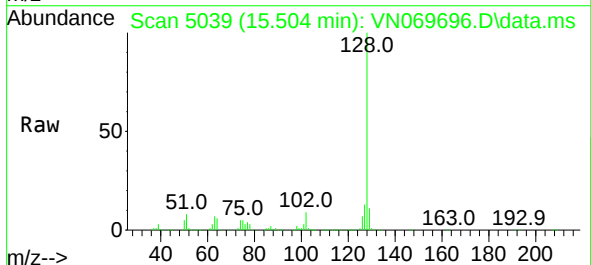
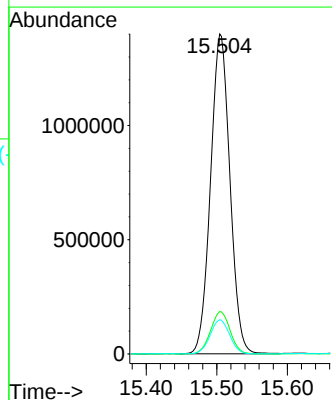
Tgt Ion:128 Resp: 2669970

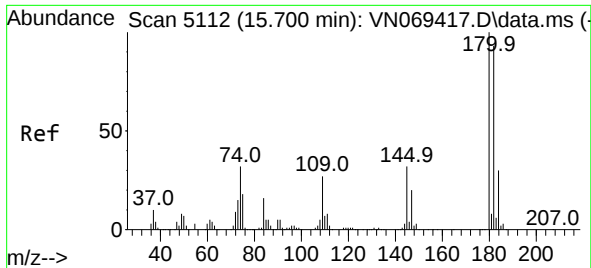
Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 3.305 ug/l

RT: 15.697 min Scan# 51

Delta R.T. -0.003 min

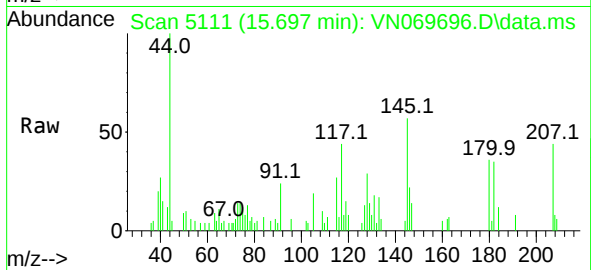
Lab File: VN069696.D

Acq: 1 Dec 2021 17:25

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 3053

Ion Ratio Lower Upper

180 100

182 46.2 47.4 142.2#

145 0.0 15.0 45.1#

