

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069560.D
 Acq On : 18 Nov 2021 18:17
 Operator : JC/MD
 Sample : M4739-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 03:20:00 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	1404886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2416593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2492627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1089158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	989578	48.580	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.160%
35) Dibromofluoromethane	8.024	113	694343	47.907	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.820%
50) Toluene-d8	10.443	98	3171742	55.641	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.731	95	1215682	58.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.311	50	5777	0.332	ug/l #	75
13) Acrolein	3.988	56	6488	6.030	ug/l #	1
14) Allyl chloride	5.082	41	516195	20.505	ug/l #	56
15) Acrylonitrile	5.621	53	87178	9.274	ug/l #	41
16) Acetone	4.256	43	218666	19.896	ug/l #	56
18) Methyl Acetate	5.079	43	1045547	29.265	ug/l #	51
20) Methylene Chloride	5.068	84	10848	0.696	ug/l #	1
23) Vinyl Acetate	6.468	43	20046	0.478	ug/l #	72
25) 2-Butanone	7.319	43	13576	0.912	ug/l #	52
26) 2,2-Dichloropropane	7.147	77	21056	0.974	ug/l #	52
30) Chloroform	7.783	83	88252	3.117	ug/l #	18
31) Cyclohexane	8.096	56	1303679	46.845	ug/l	90
36) 1,1-Dichloropropene	8.086	75	117965	5.801	ug/l #	62
37) Ethyl Acetate	7.319	43	13576	0.494	ug/l #	72
38) Carbon Tetrachloride	8.088	117	146255	7.450	ug/l #	16
39) Methylcyclohexane	9.461	83	1284255	50.771	ug/l	90
40) Benzene	8.461	78	621879	9.908	ug/l	99
41) Methacrylonitrile	7.678	41	30240	2.129	ug/l #	37
43) Isopropyl Acetate	8.558	43	157075	3.558	ug/l #	55
45) 1,2-Dichloropropane	9.459	63	21442	1.279	ug/l #	1
47) Bromodichloromethane	9.748	83	26018	1.241	ug/l #	25
48) Methyl methacrylate	9.641	41	155715	7.496	ug/l #	67
49) 1,4-Dioxane	9.327	88	53	39.182	ug/l #	27
52) Toluene	10.505	92	214018	5.473	ug/l	95
53) t-1,3-Dichloropropene	10.725	75	88	2.641	ug/l #	1
54) cis-1,3-Dichloropropene	10.137	75	148	1.738	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	137481	8.722	ug/l #	20
56) Ethyl methacrylate	10.786	69	25471	2.875	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.974	63	26562	25.931	ug/l #	45
59) 2-Hexanone	11.224	43	2123	8.027	ug/l	81
61) 1,2-Dibromoethane	11.352	107	364	1.091	ug/l #	2
67) Ethyl Benzene	11.846	91	741799	8.669	ug/l	97
68) m/p-Xylenes	11.953	106	204802	6.508	ug/l	95
69) o-Xylene	12.280	106	66824	2.130	ug/l	92
70) Styrene	12.280	104	4026	1.590	ug/l #	1
71) Bromoform	12.709	173	360	3.452	ug/l #	29

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

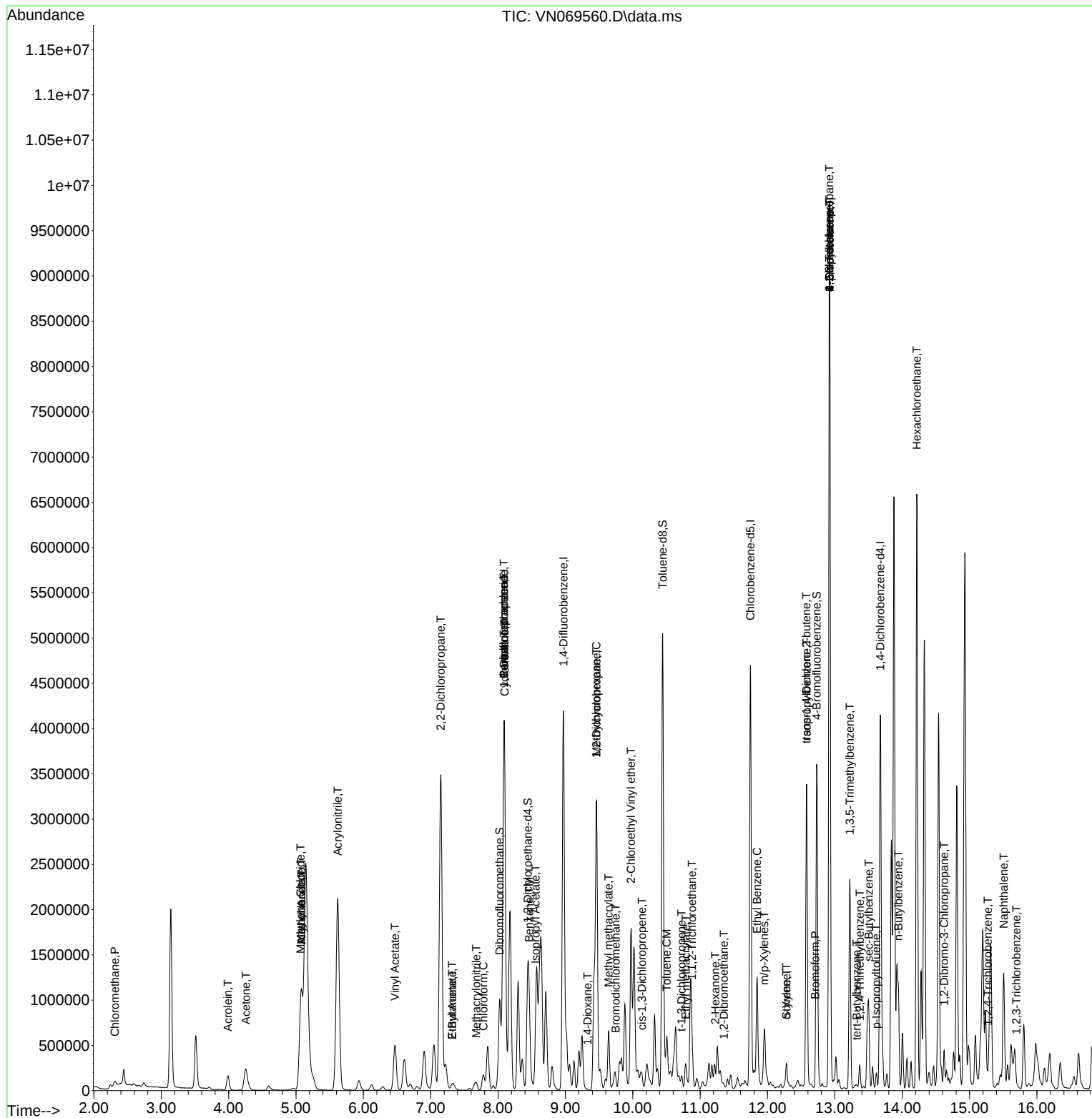
73) Isopropylbenzene	12.581	105	2170095	25.024	ug/l	98
76) 1,2,3-Trichloropropane	12.919	75	52528	2.090	ug/l #	1
78) n-propylbenzene	12.921	91	7725438	79.171	ug/l	96
79) 2-Chlorotoluene	12.921	91	7725438	127.867	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.222	105	1460325	20.830	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.578	75	29589	8.886	ug/l #	71
82) 4-Chlorotoluene	12.921	91	7725438	134.134	ug/l #	38
83) tert-Butylbenzene	13.324	119	20379	0.332	ug/l #	28
84) 1,2,4-Trimethylbenzene	13.369	105	148741	2.198	ug/l	93
85) sec-Butylbenzene	13.503	105	567212	6.609	ug/l #	67
86) p-Isopropyltoluene	13.616	119	94976	1.394	ug/l	95
89) n-Butylbenzene	13.943	91	676780	11.913	ug/l #	77
90) Hexachloroethane	14.217	117	344665	28.496	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	1645	2.089	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.271	180	436	3.137	ug/l #	12
95) Naphthalene	15.507	128	1127858	25.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.694	180	755	3.213	ug/l #	57

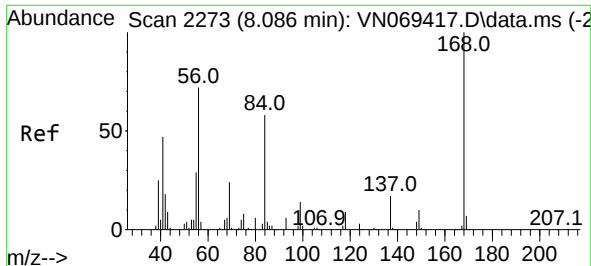
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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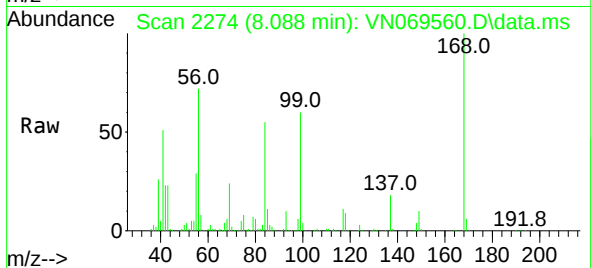
Quant Time: Nov 19 03:20:00 2021
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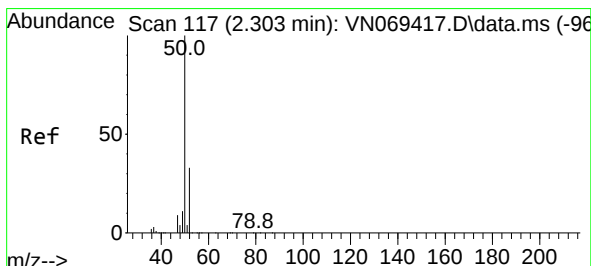
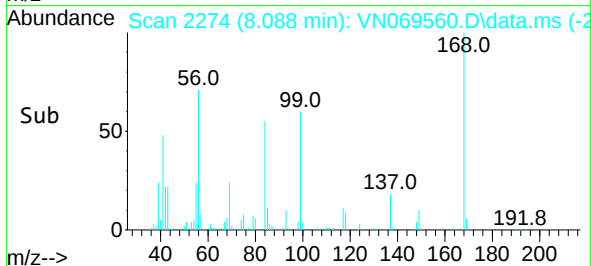
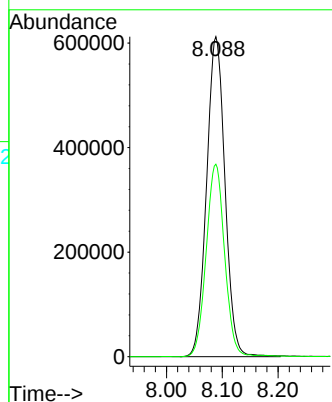


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

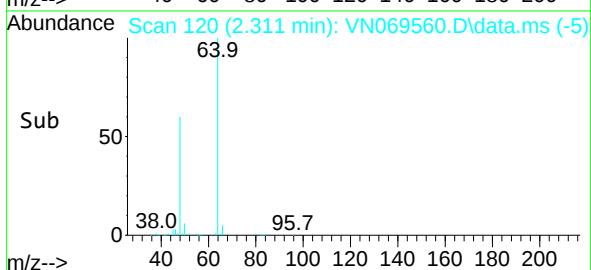
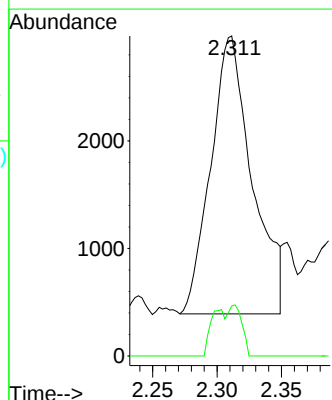
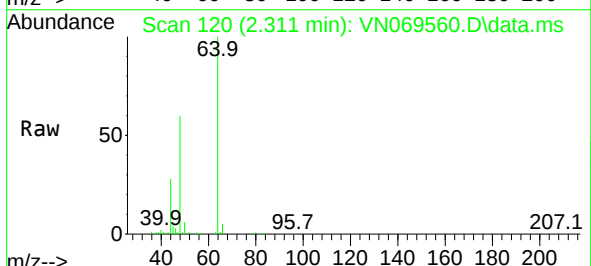


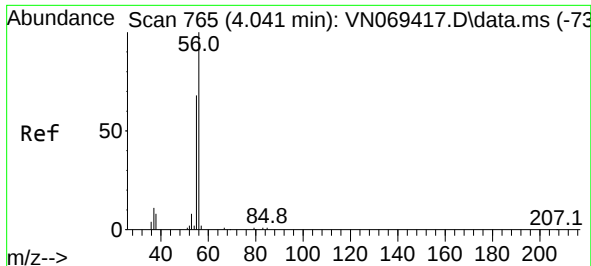
Tgt Ion:168 Resp: 1404886
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#3
Chloromethane
Concen: 0.332 ug/l
RT: 2.311 min Scan# 120
Delta R.T. 0.008 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

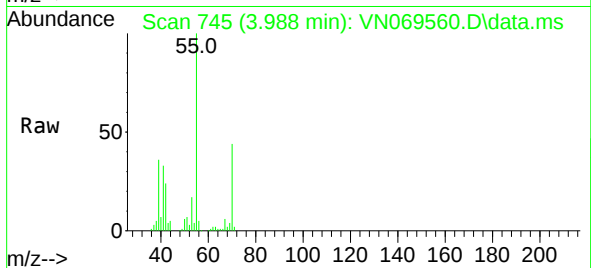
Tgt Ion: 50 Resp: 5777
Ion Ratio Lower Upper
50 100
52 18.0 25.4 38.0#



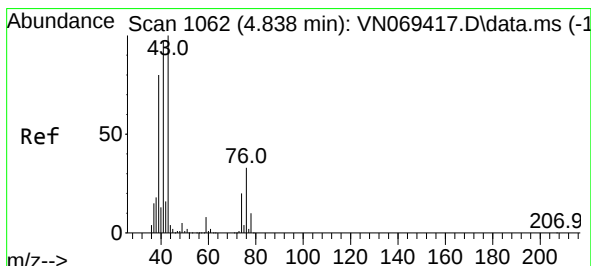
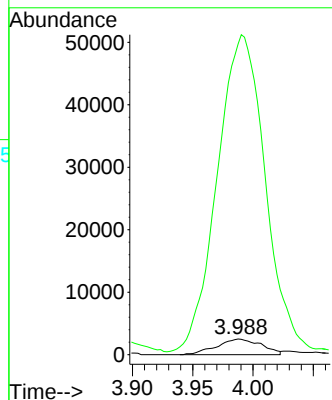
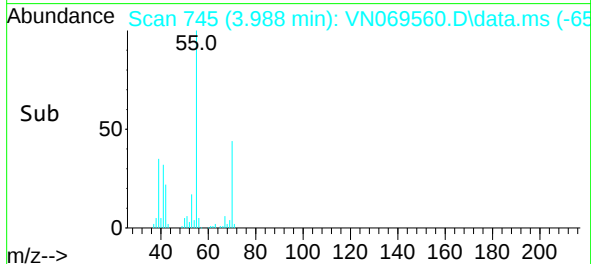


#13
Acrolein
Concen: 6.030 ug/l
RT: 3.988 min Scan# 745
Delta R.T. -0.053 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

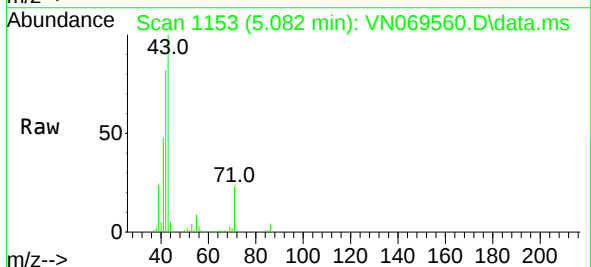
Instrument :
MSVOA_N
ClientSampleId :



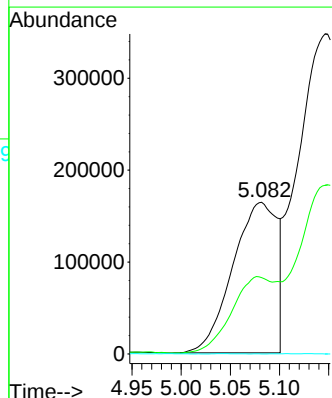
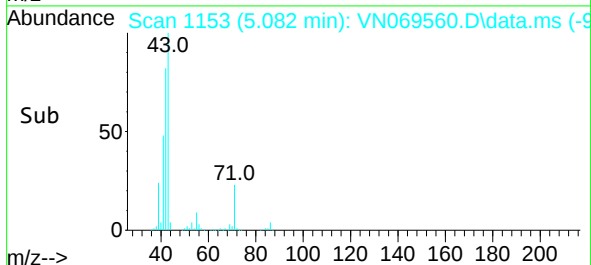
Tgt Ion: 56 Resp: 6488
Ion Ratio Lower Upper
56 100
55 2186.2 56.6 85.0#

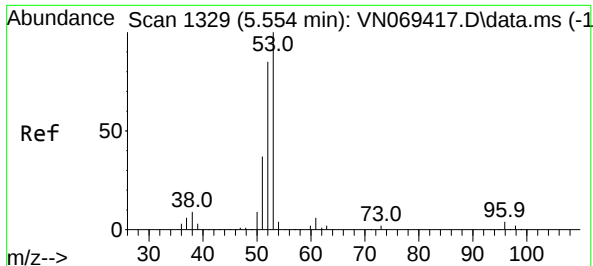


#14
Allyl chloride
Concen: 20.505 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. 0.244 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17



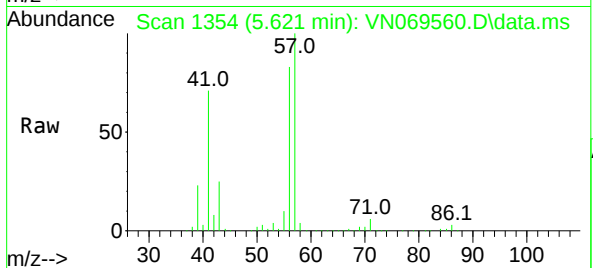
Tgt Ion: 41 Resp: 516195
Ion Ratio Lower Upper
41 100
39 44.1 61.2 91.8#
76 0.0 26.0 39.0#



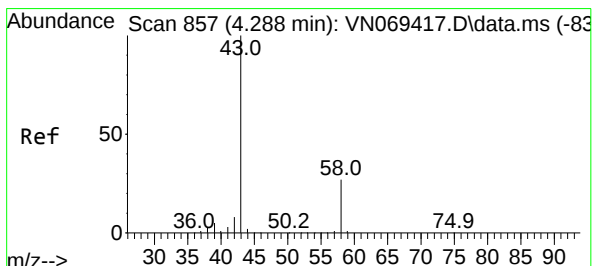
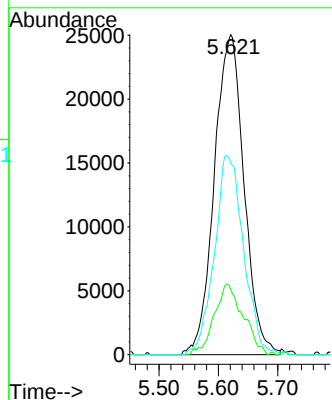
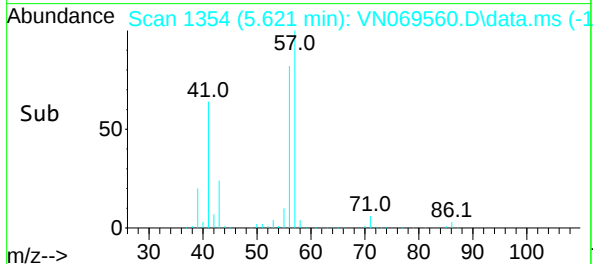


#15
Acrylonitrile
Concen: 9.274 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.067 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

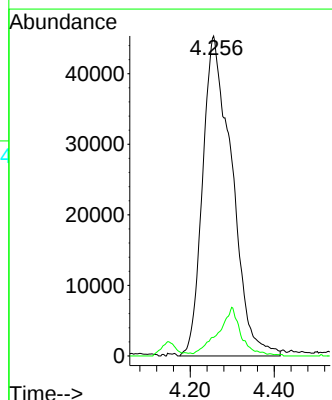
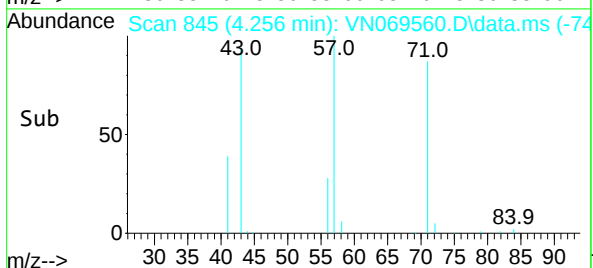
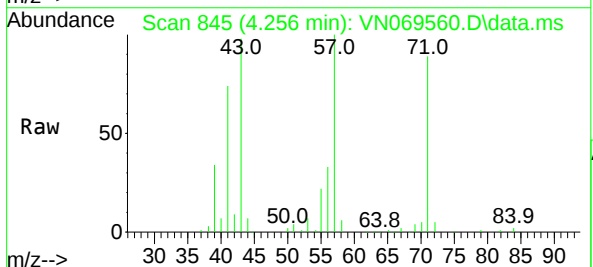


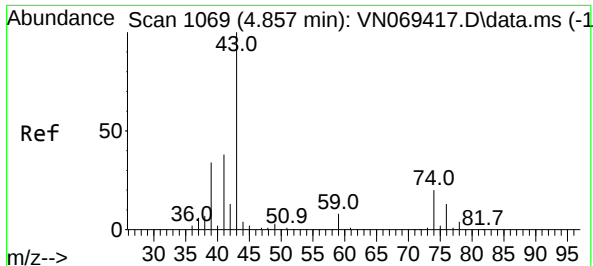
Tgt Ion: 53 Resp: 87178
Ion Ratio Lower Upper
53 100
52 21.5 66.2 99.2#
51 60.7 29.6 44.4#



#16
Acetone
Concen: 19.896 ug/l
RT: 4.256 min Scan# 845
Delta R.T. -0.032 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 43 Resp: 218666
Ion Ratio Lower Upper
43 100
58 5.4 23.1 34.7#





#18

Methyl Acetate

Concen: 29.265 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.222 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

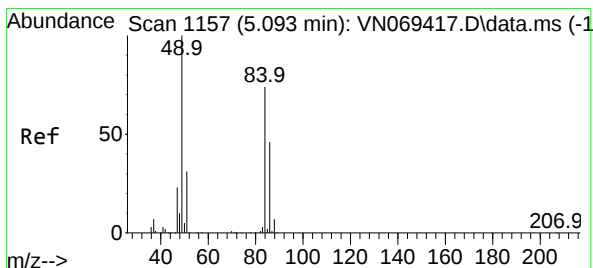
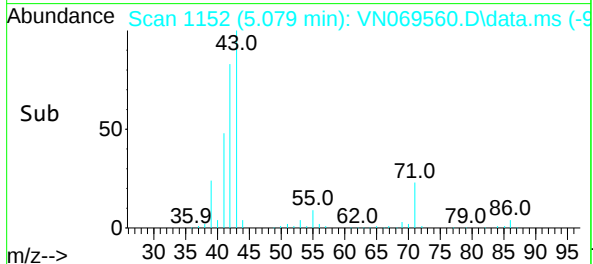
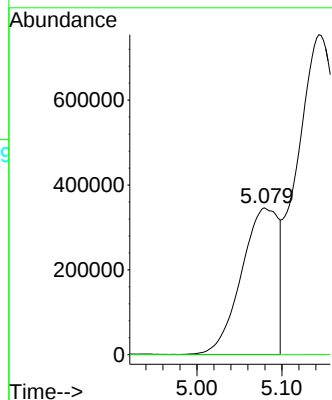
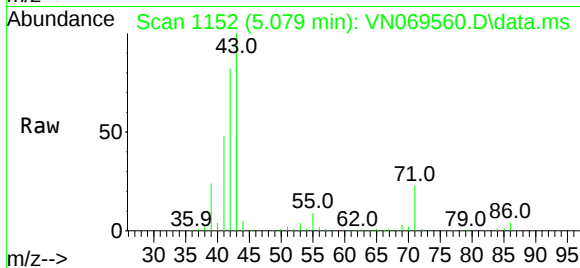
ClientSampleId :

Tgt Ion: 43 Resp: 1045547

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.696 ug/l

RT: 5.068 min Scan# 1148

Delta R.T. -0.025 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Tgt Ion: 84 Resp: 10848

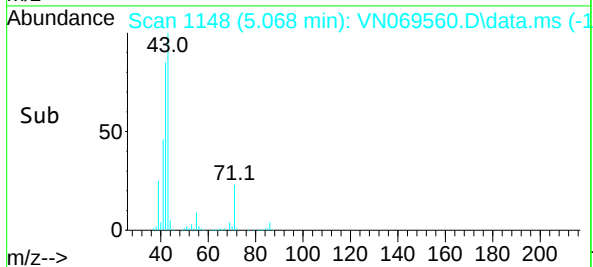
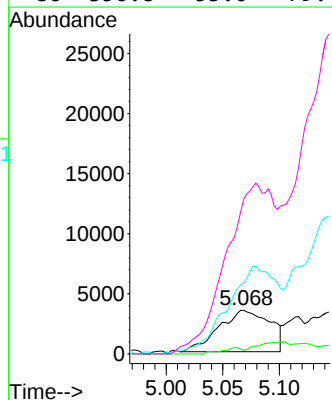
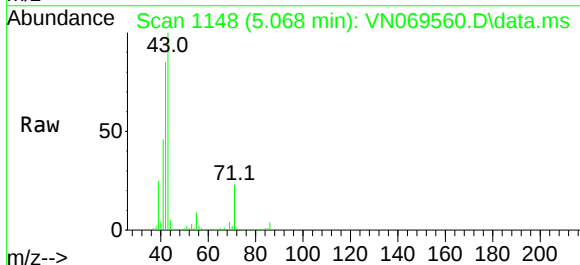
Ion Ratio Lower Upper

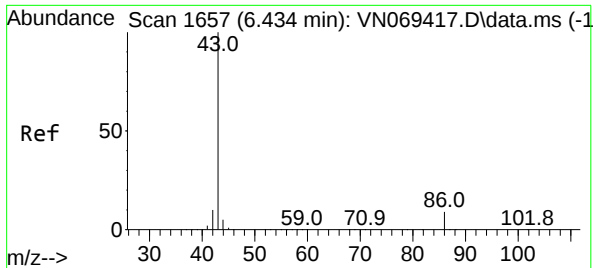
84 100

49 8.7 93.5 140.3#

51 164.6 29.4 44.2#

86 356.8 53.0 79.4#





#23

Vinyl Acetate

Concen: 0.478 ug/l

RT: 6.468 min Scan# 1

Delta R.T. 0.034 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

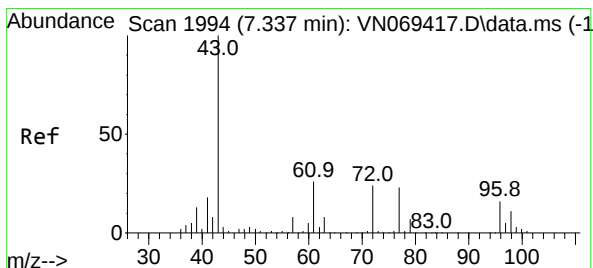
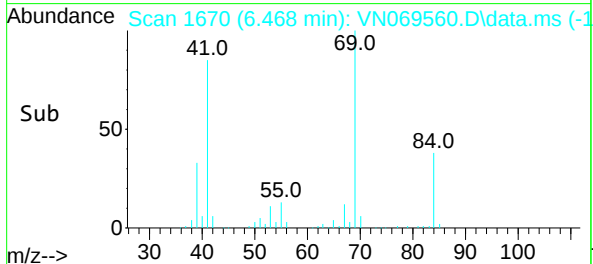
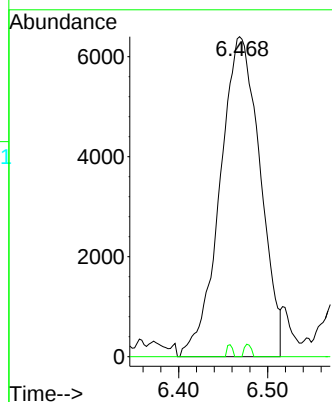
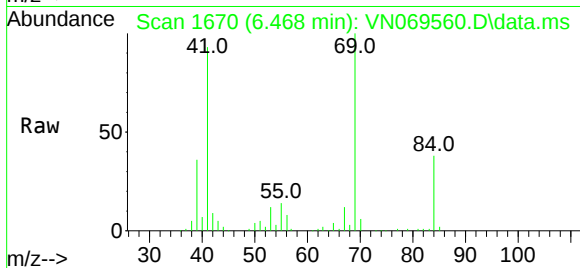
ClientSampleId :

Tgt Ion: 43 Resp: 20046

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 0.912 ug/l

RT: 7.319 min Scan# 1987

Delta R.T. -0.018 min

Lab File: VN069560.D

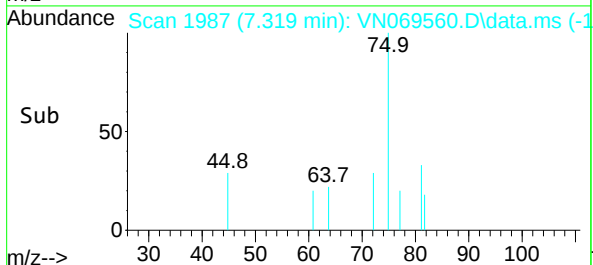
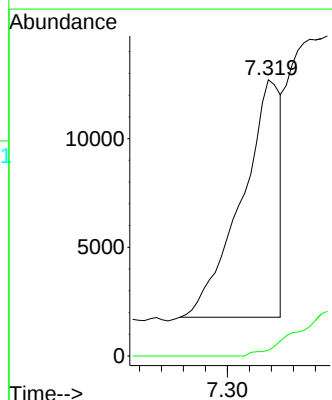
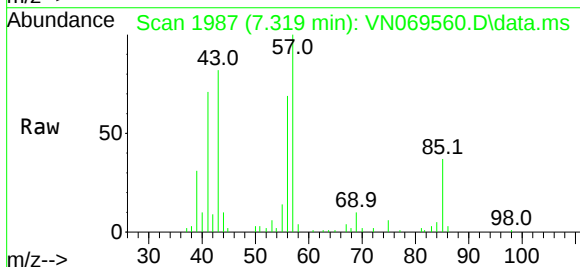
Acq: 18 Nov 2021 18:17

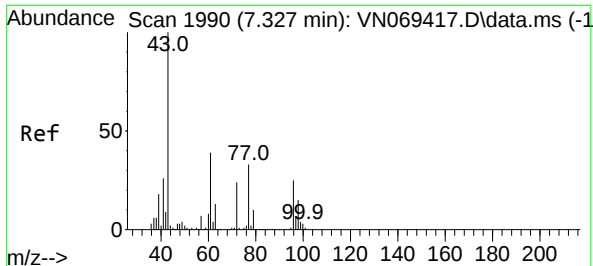
Tgt Ion: 43 Resp: 13576

Ion Ratio Lower Upper

43 100

72 2.3 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.974 ug/l

RT: 7.147 min Scan# 19

Delta R.T. -0.180 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

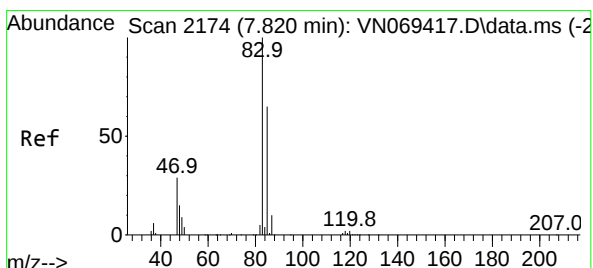
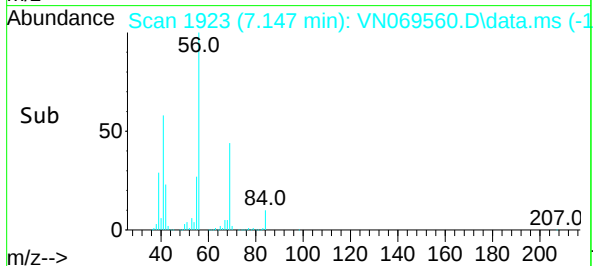
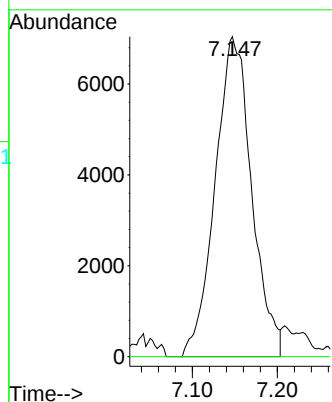
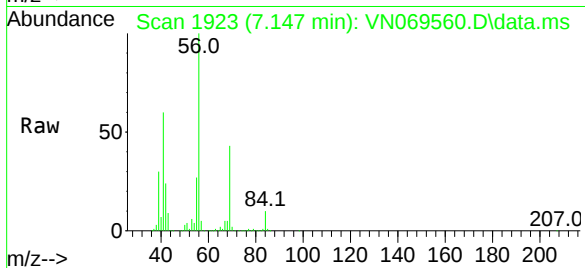
ClientSampleId :

Tgt Ion: 77 Resp: 21056

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#30

Chloroform

Concen: 3.117 ug/l

RT: 7.783 min Scan# 2160

Delta R.T. -0.037 min

Lab File: VN069560.D

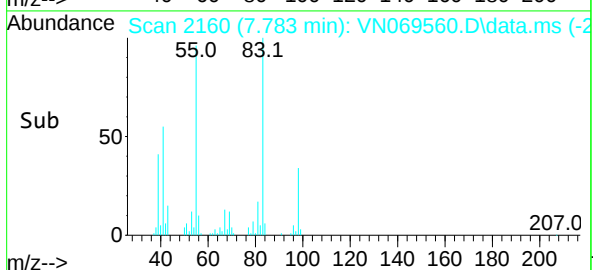
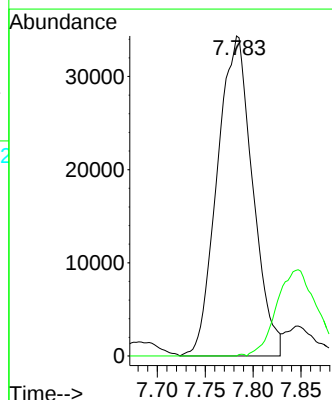
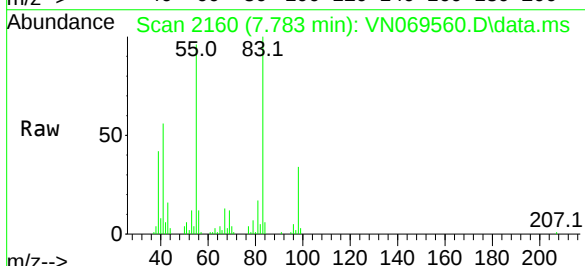
Acq: 18 Nov 2021 18:17

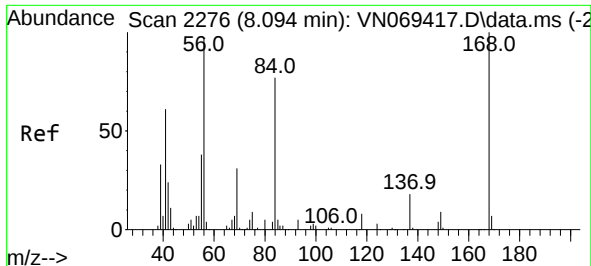
Tgt Ion: 83 Resp: 88252

Ion Ratio Lower Upper

83 100

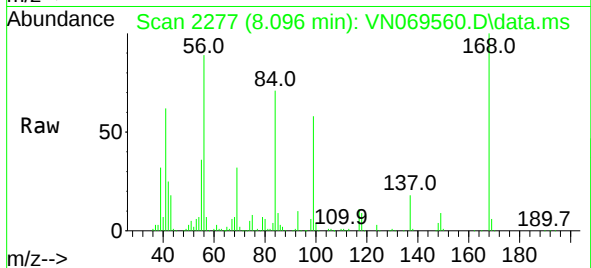
85 0.0 51.9 77.9#



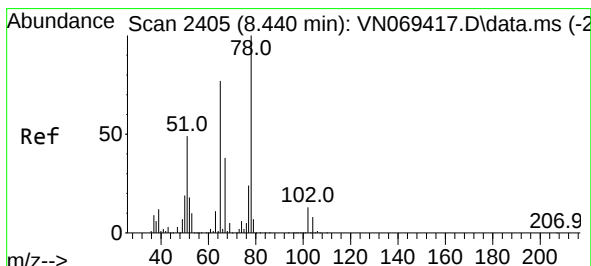
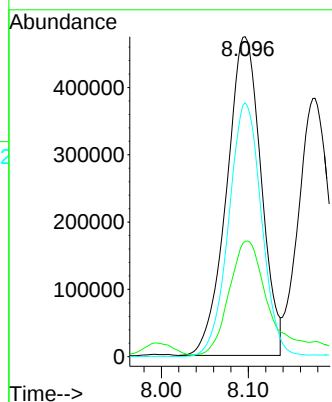
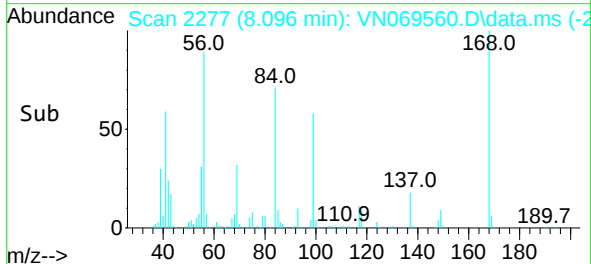


#31
Cyclohexane
Concen: 46.845 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

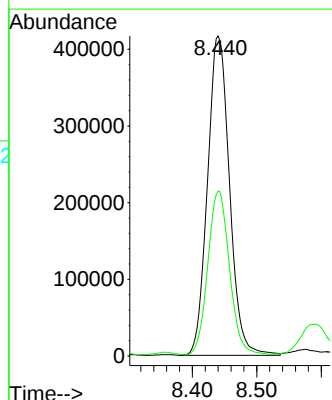
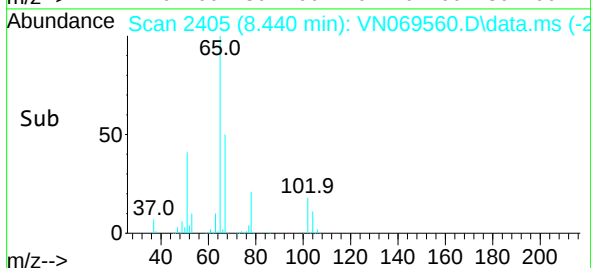
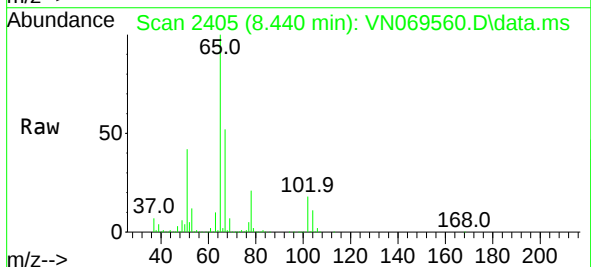


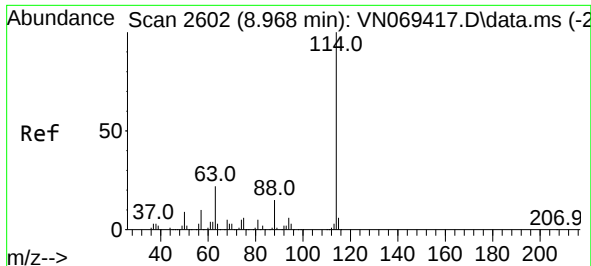
Tgt Ion: 56 Resp: 1303679
Ion Ratio Lower Upper
56 100
69 34.5 27.1 40.7
84 79.6 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 48.580 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

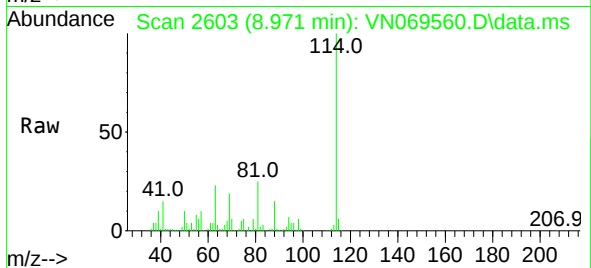
Tgt Ion: 65 Resp: 989578
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



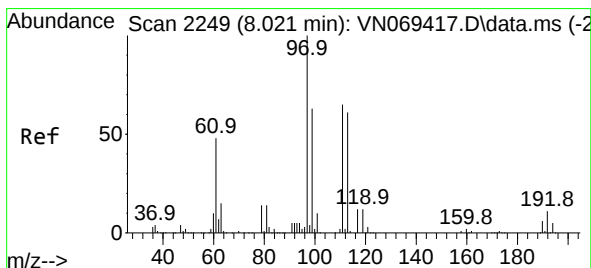
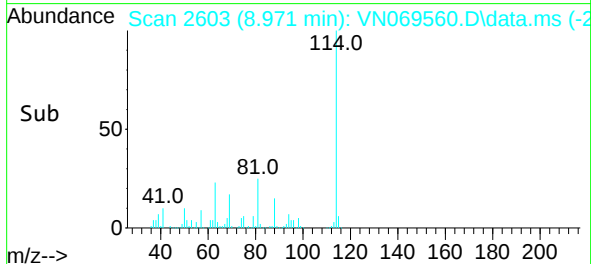
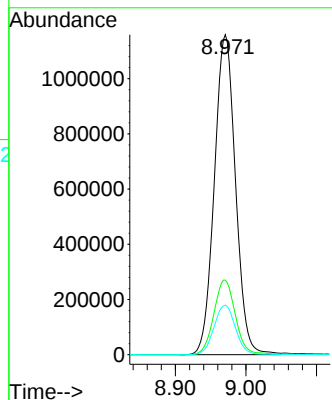


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

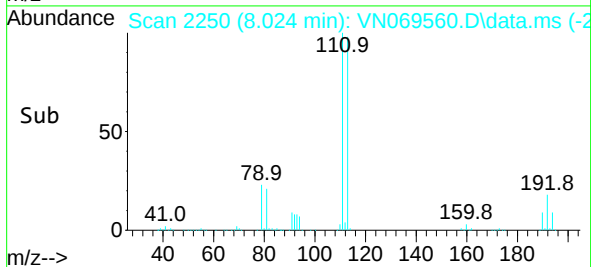
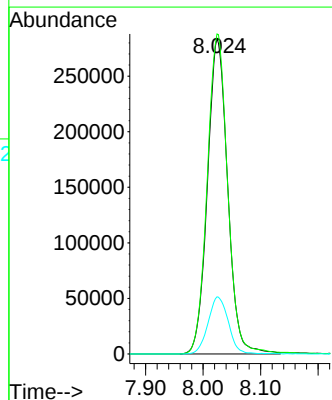
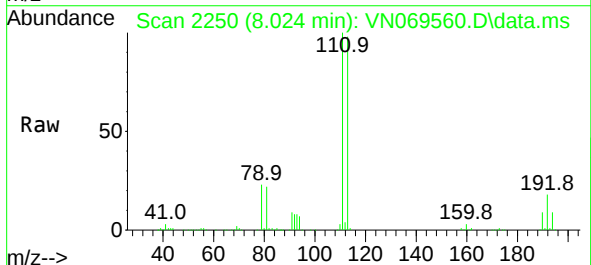


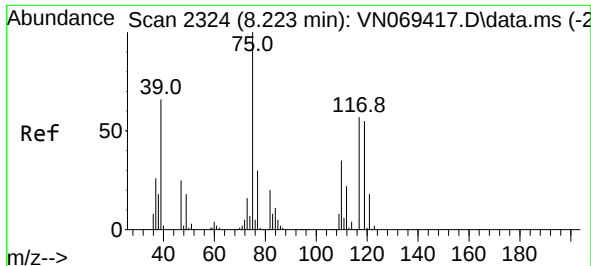
Tgt Ion:114 Resp: 2416593
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 15.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.907 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

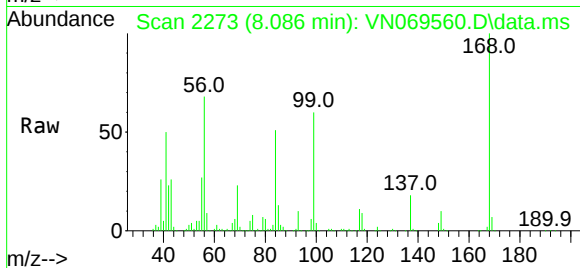
Tgt Ion:113 Resp: 694343
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.1 16.9 25.3



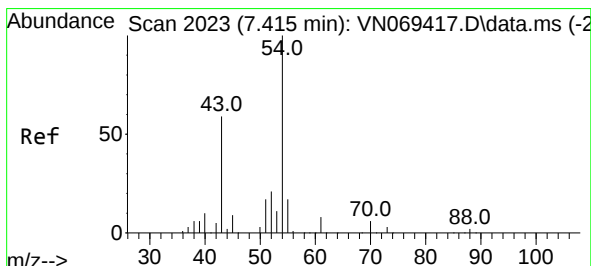
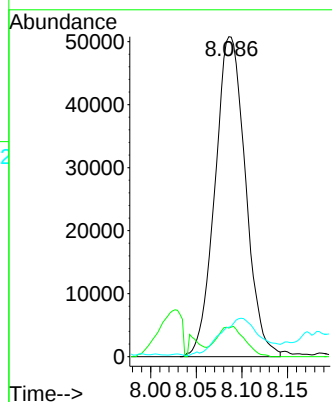
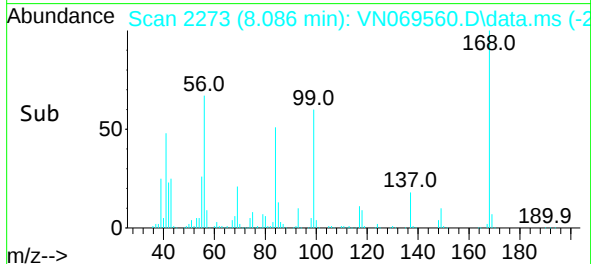


#36
 1,1-Dichloropropene
 Concen: 5.801 ug/l
 RT: 8.086 min Scan# 211
 Delta R.T. -0.137 min
 Lab File: VN069560.D
 Acq: 18 Nov 2021 18:17

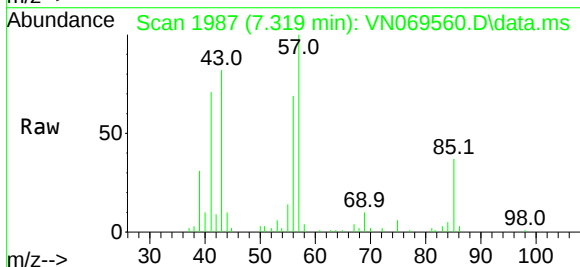
Instrument :
 MSVOA_N
 ClientSampleId :



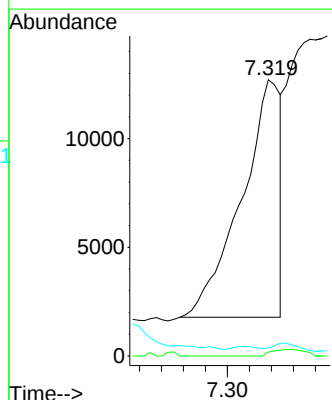
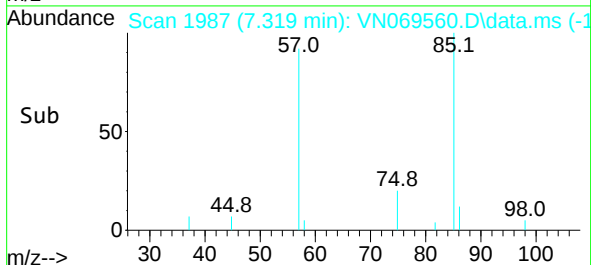
Tgt Ion: 75 Resp: 117965
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.4 55.2#
 77 15.3 24.4 36.6#

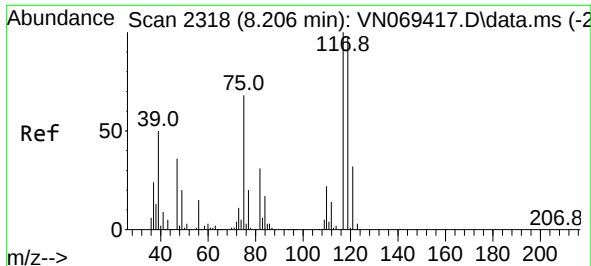


#37
 Ethyl Acetate
 Concen: 0.494 ug/l
 RT: 7.319 min Scan# 1987
 Delta R.T. -0.096 min
 Lab File: VN069560.D
 Acq: 18 Nov 2021 18:17



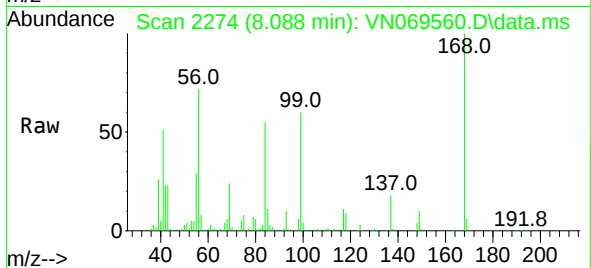
Tgt Ion: 43 Resp: 13576
 Ion Ratio Lower Upper
 43 100
 61 2.3 11.5 17.3#
 70 0.0 7.9 11.9#



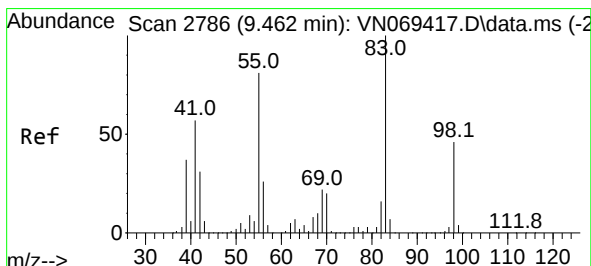
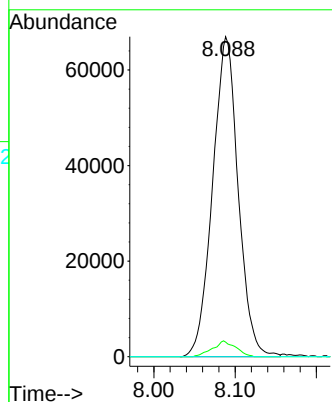
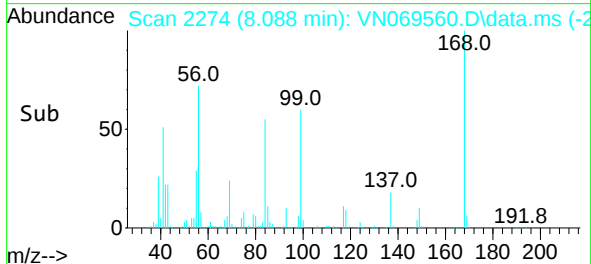


#38
Carbon Tetrachloride
Concen: 7.450 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

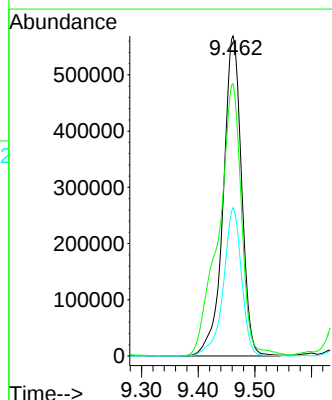
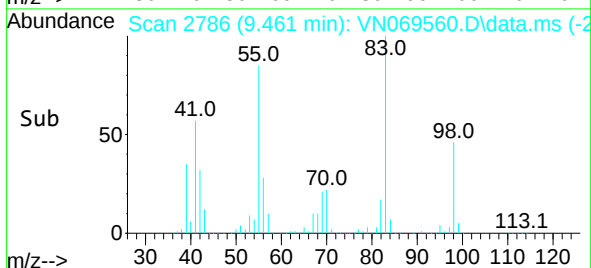
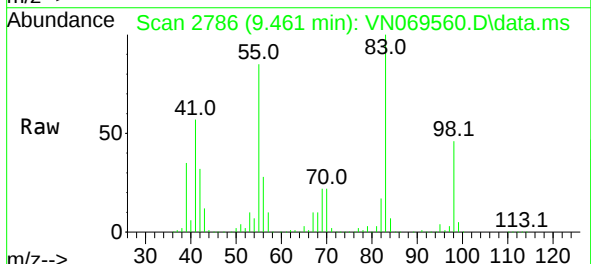


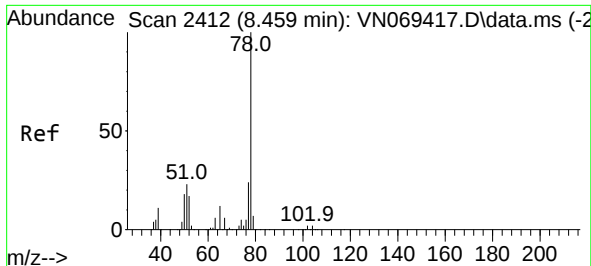
Tgt Ion:117 Resp: 146255
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 50.771 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.001 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 83 Resp: 1284255
Ion Ratio Lower Upper
83 100
55 85.0 58.1 87.1
98 46.3 38.4 57.6

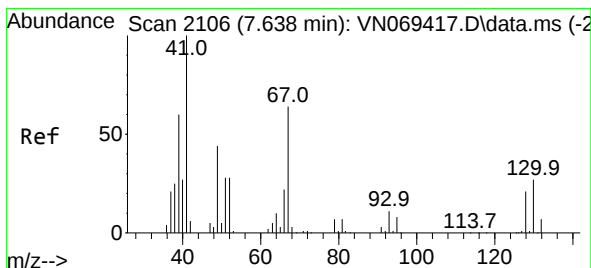
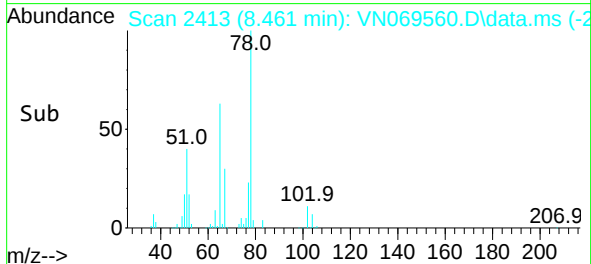
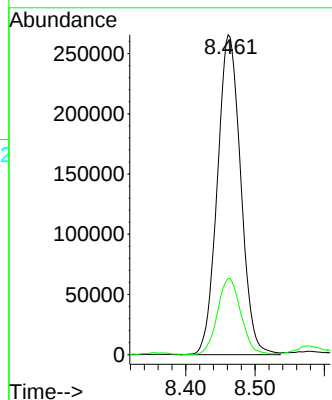
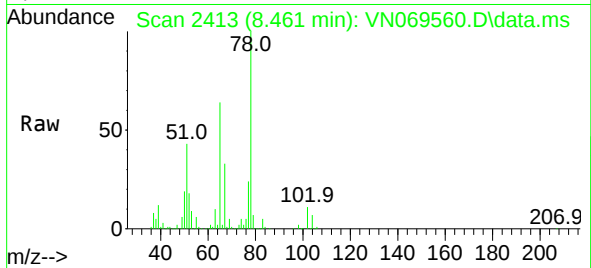




#40
Benzene
Concen: 9.908 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

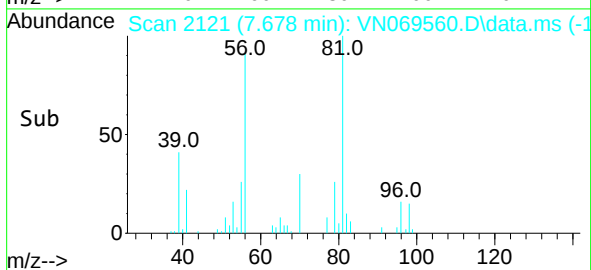
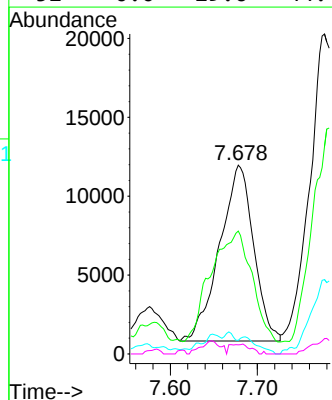
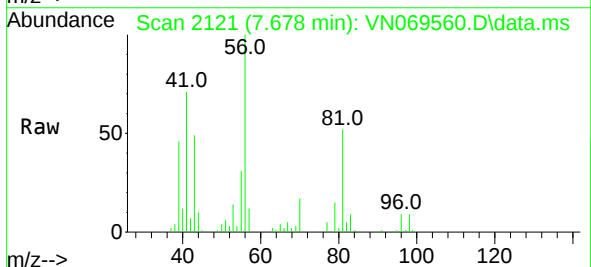
Instrument :
MSVOA_N
ClientSampleId :

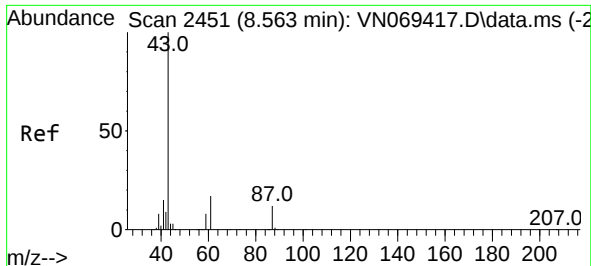
Tgt Ion: 78 Resp: 621879
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



#41
Methacrylonitrile
Concen: 2.129 ug/l
RT: 7.678 min Scan# 2121
Delta R.T. 0.040 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 41 Resp: 30240
Ion Ratio Lower Upper
41 100
39 76.0 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#

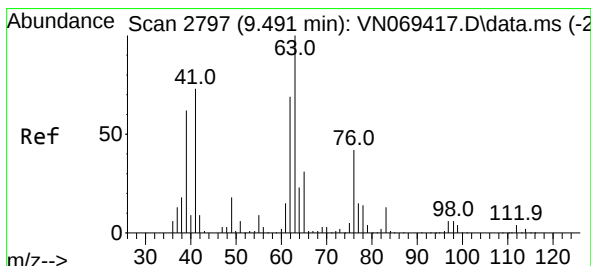
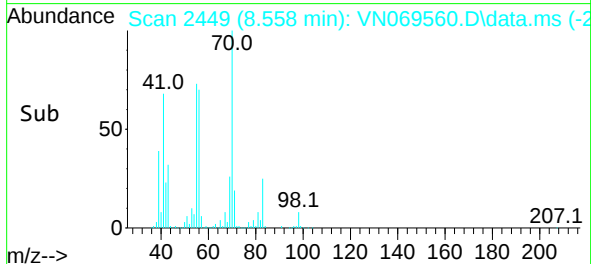
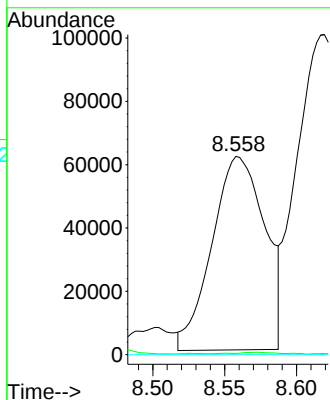
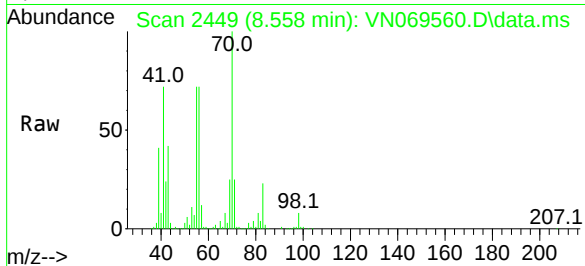




#43
Isopropyl Acetate
Concen: 3.558 ug/l
RT: 8.558 min Scan# 2451
Delta R.T. -0.005 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

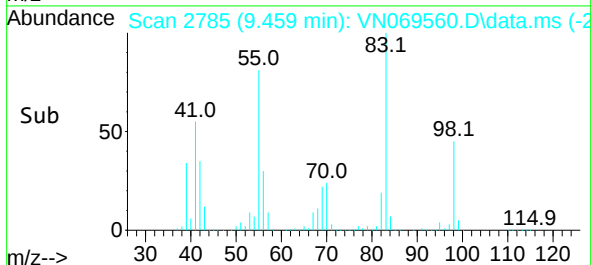
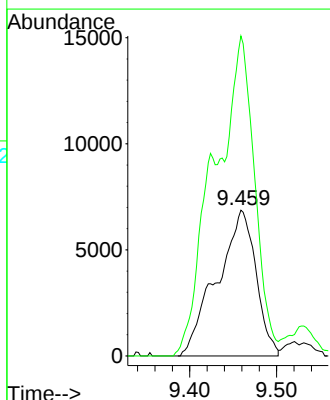
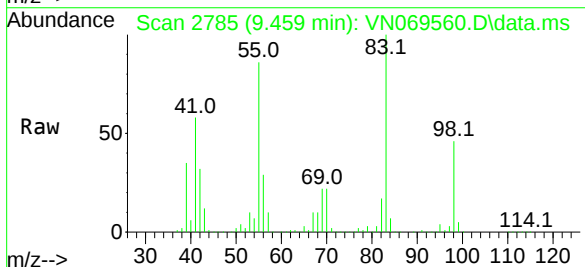
Instrument :
MSVOA_N
ClientSampleId :

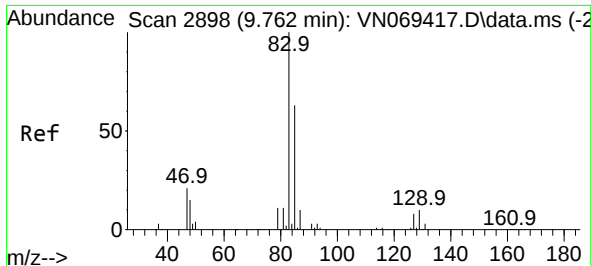
Tgt Ion: 43 Resp: 157075
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.279 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.032 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 63 Resp: 21442
Ion Ratio Lower Upper
63 100
65 215.9 24.7 37.1#

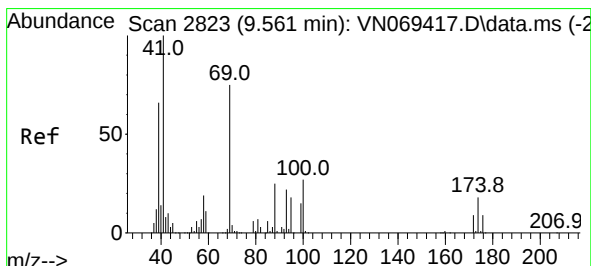
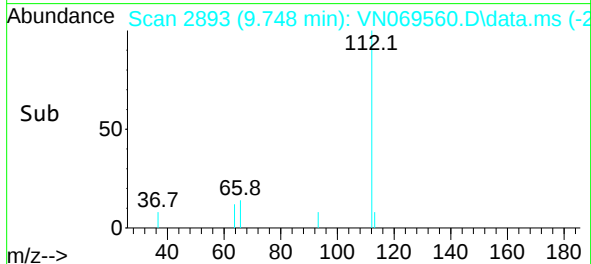
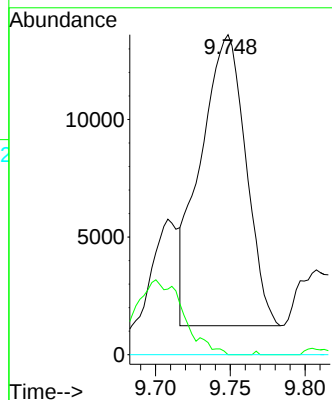
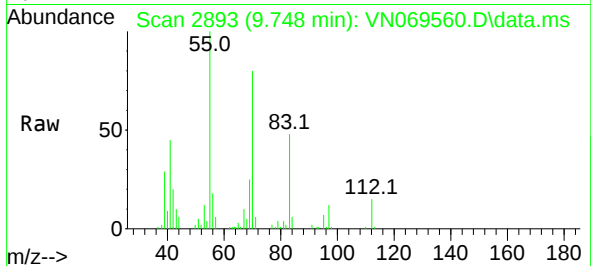




#47
Bromodichloromethane
Concen: 1.241 ug/l
RT: 9.748 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

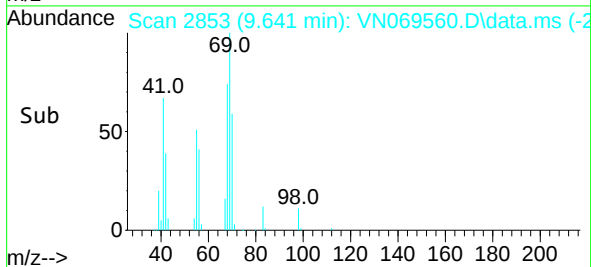
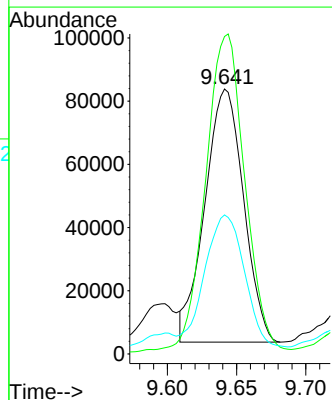
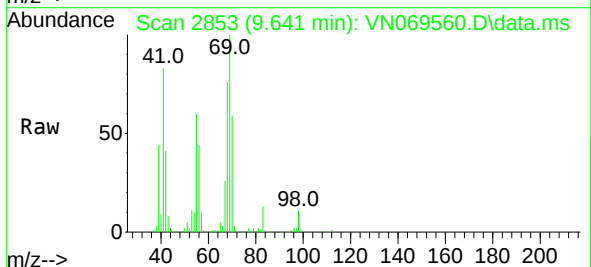
Instrument :
MSVOA_N
ClientSampleId :

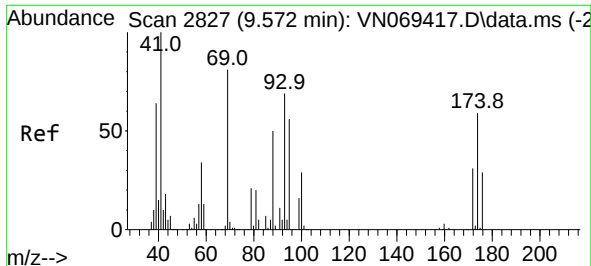
Tgt Ion: 83 Resp: 26018
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 7.496 ug/l
RT: 9.641 min Scan# 2853
Delta R.T. 0.080 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 41 Resp: 155715
Ion Ratio Lower Upper
41 100
69 128.9 72.4 108.6#
39 53.4 58.4 87.6#





#49

1,4-Dioxane

Concen: 39.182 ug/l

RT: 9.327 min Scan# 21

Delta R.T. -0.245 min

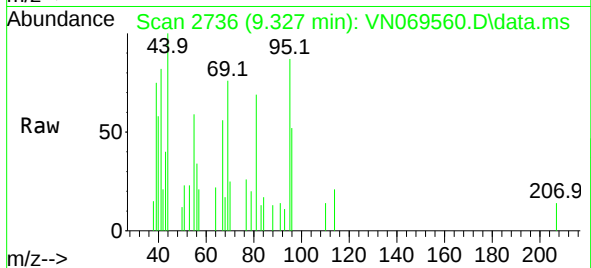
Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

ClientSampleId :



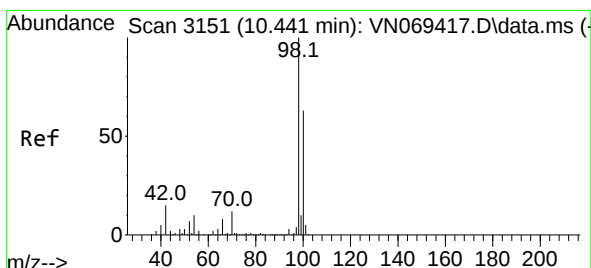
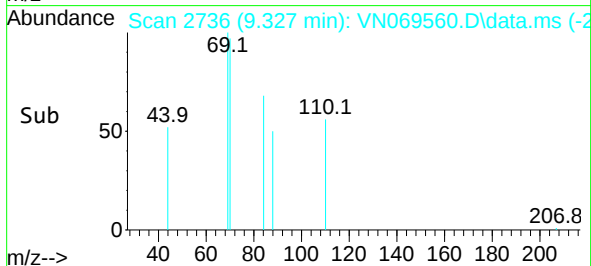
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 55.641 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069560.D

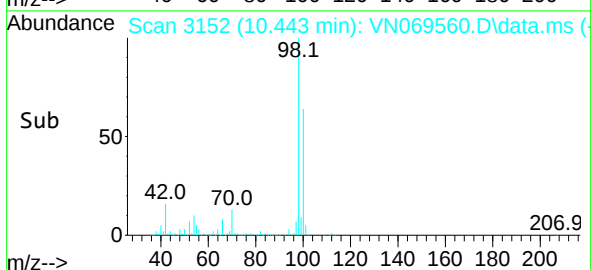
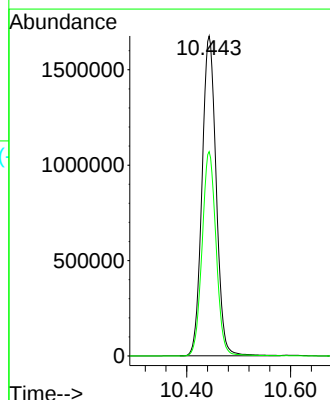
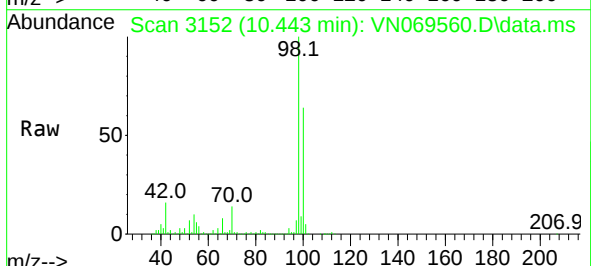
Acq: 18 Nov 2021 18:17

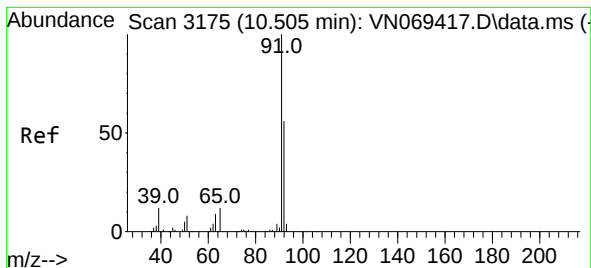
Tgt Ion: 98 Resp: 3171742

Ion Ratio Lower Upper

98 100

100 63.3 50.4 75.6





#52

Toluene

Concen: 5.473 ug/l

RT: 10.505 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

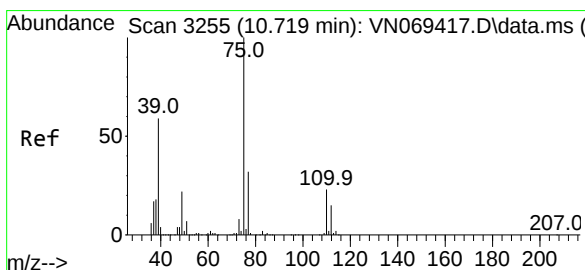
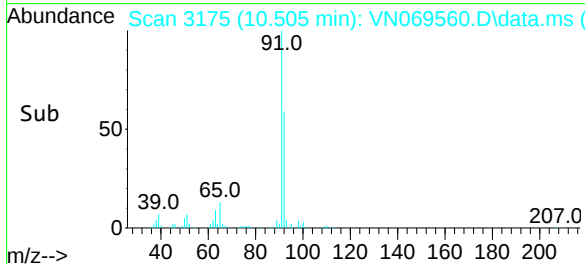
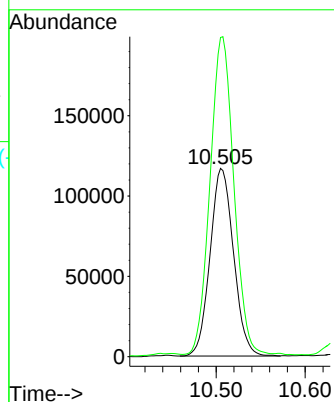
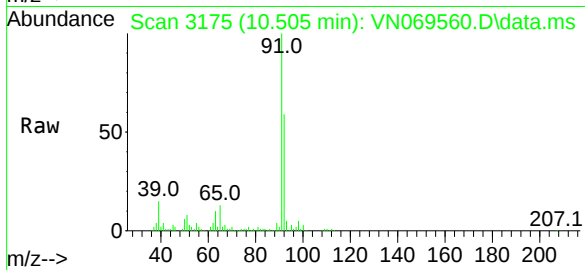
ClientSampleId :

Tgt Ion: 92 Resp: 214018

Ion Ratio Lower Upper

92 100

91 171.1 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.641 ug/l

RT: 10.725 min Scan# 3257

Delta R.T. 0.006 min

Lab File: VN069560.D

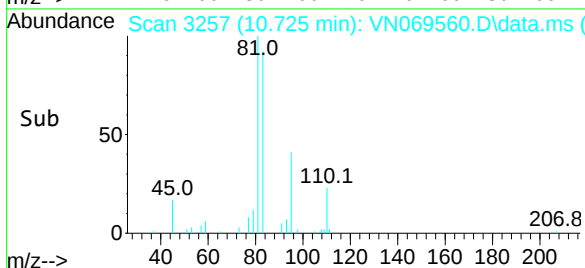
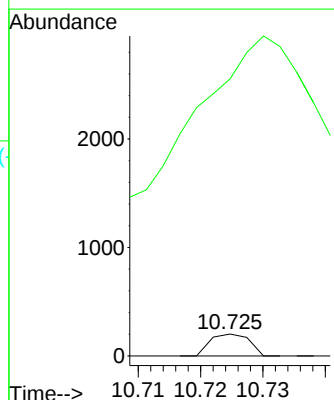
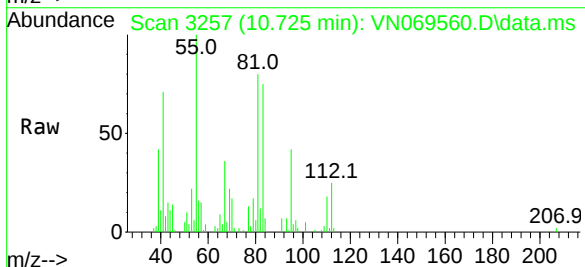
Acq: 18 Nov 2021 18:17

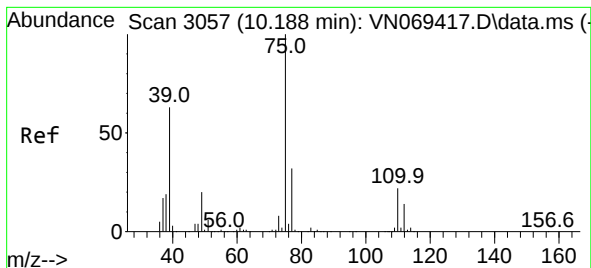
Tgt Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

77 253.7 25.6 38.4#





#54

cis-1,3-Dichloropropene

Concen: 1.738 ug/l

RT: 10.137 min Scan# 3057

Delta R.T. -0.051 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

ClientSampleId :

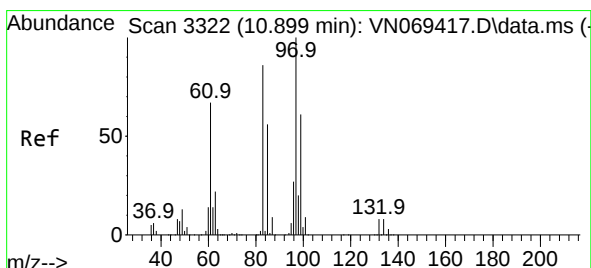
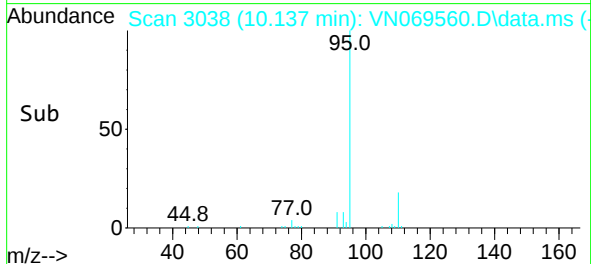
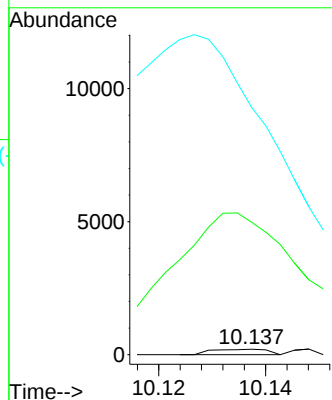
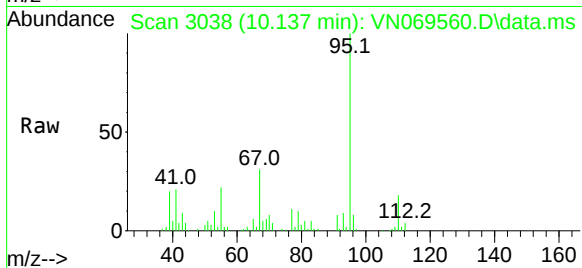
Tgt Ion: 75 Resp: 148

Ion Ratio Lower Upper

75 100

77 678.3 26.4 39.6#

39 803.4 42.5 63.7#



#55

1,1,2-Trichloroethane

Concen: 8.722 ug/l

RT: 10.878 min Scan# 3314

Delta R.T. -0.021 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Tgt Ion: 97 Resp: 137481

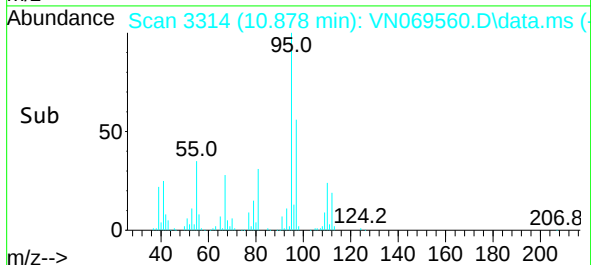
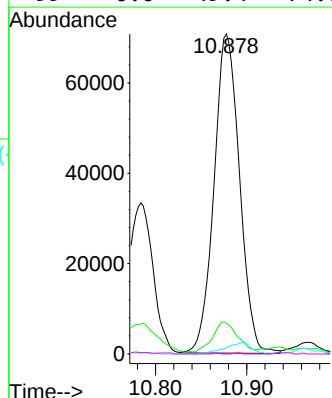
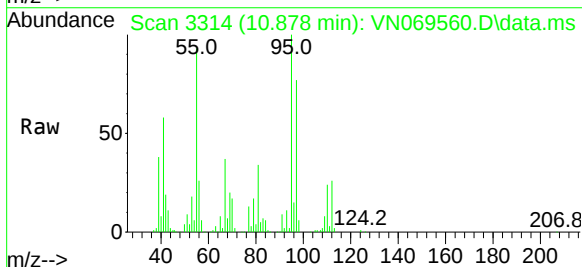
Ion Ratio Lower Upper

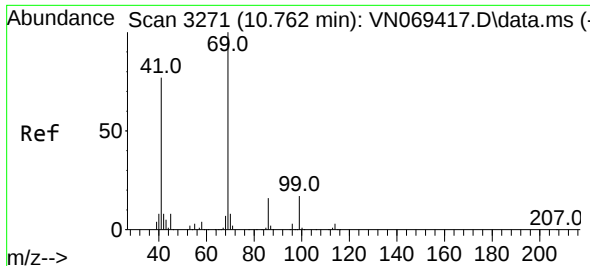
97 100

83 8.7 67.8 101.6#

85 1.9 45.4 68.2#

99 0.0 49.4 74.0#

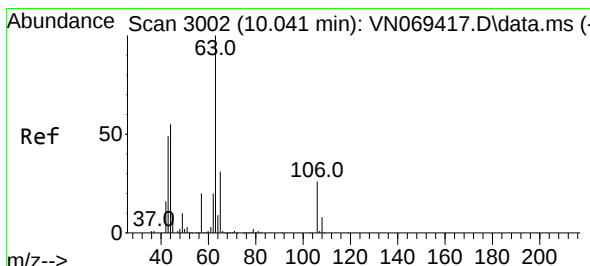
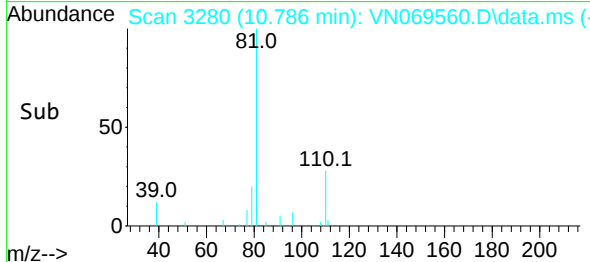
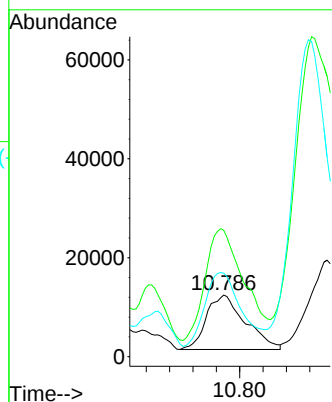
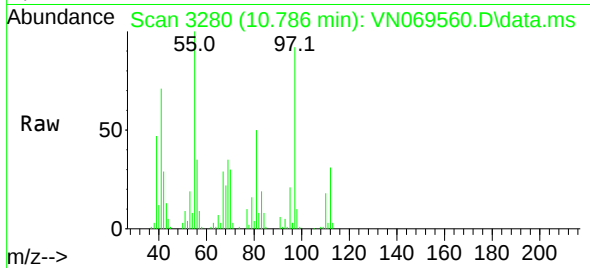




#56
Ethyl methacrylate
Concen: 2.875 ug/l
RT: 10.786 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

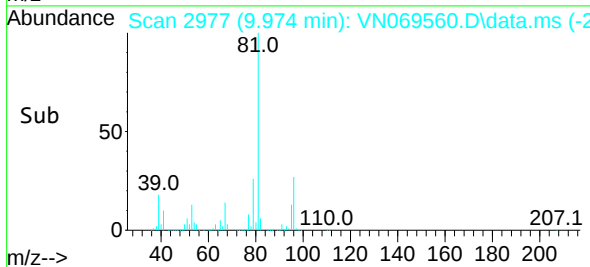
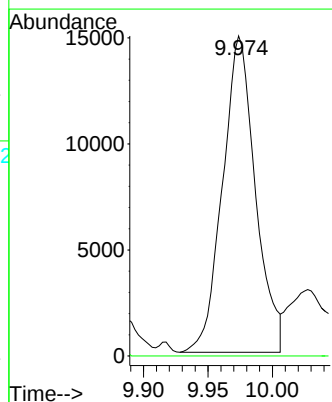
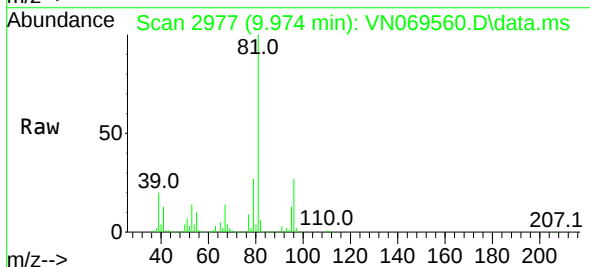
Instrument :
MSVOA_N
ClientSampleId :

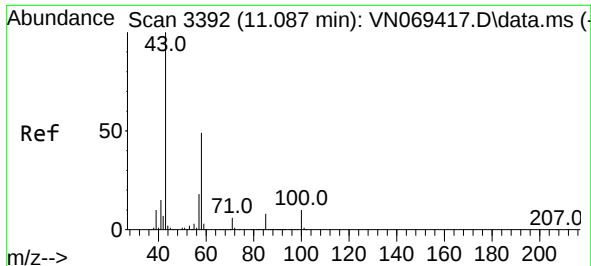
Tgt Ion: 69 Resp: 25471
Ion Ratio Lower Upper
69 100
41 204.9 51.4 77.0#
39 125.6 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 25.931 ug/l
RT: 9.974 min Scan# 2977
Delta R.T. -0.067 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

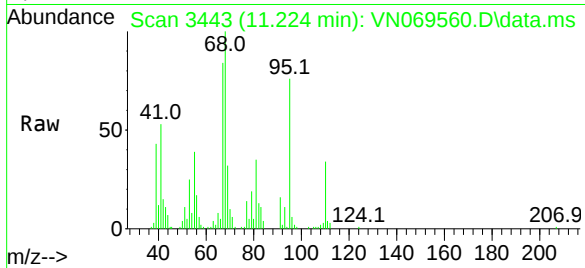
Tgt Ion: 63 Resp: 26562
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



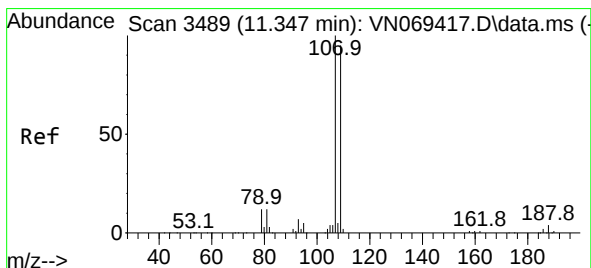
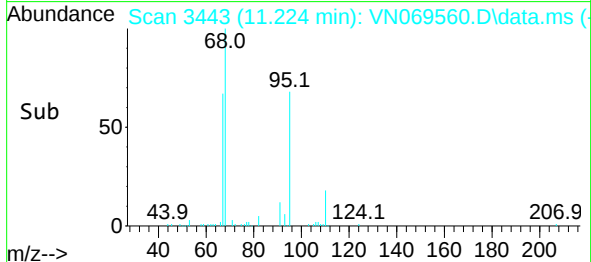
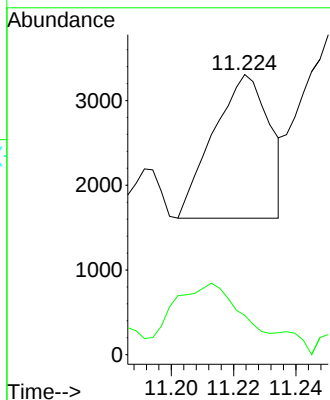


#59
2-Hexanone
Concen: 8.027 ug/l
RT: 11.224 min Scan# 3443
Delta R.T. 0.137 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Instrument :
MSVOA_N
ClientSampleId :

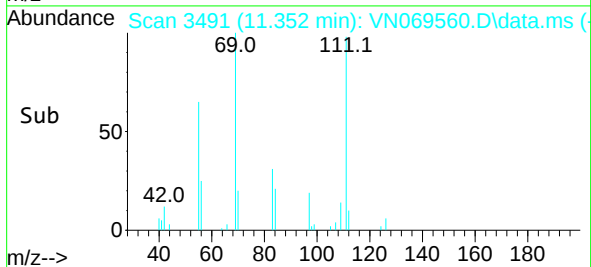
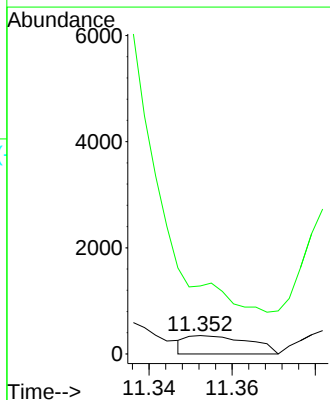
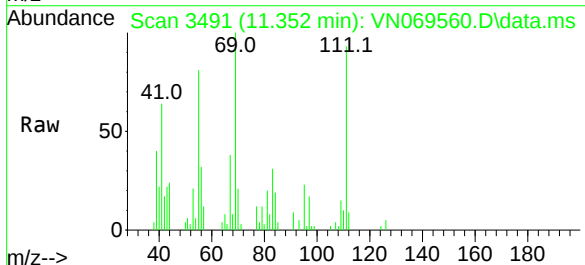


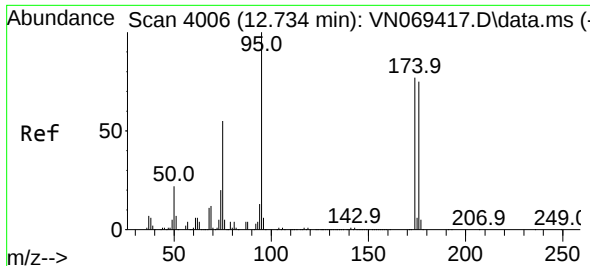
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 40.2 26.9 80.7



#61
1,2-Dibromoethane
Concen: 1.091 ug/l
RT: 11.352 min Scan# 3491
Delta R.T. 0.005 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 107 Resp: 364
Ion Ratio Lower Upper
107 100
109 0.0 75.7 113.5#

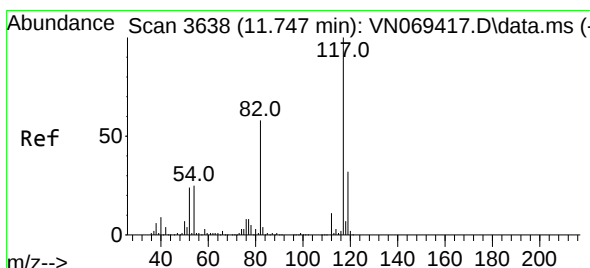
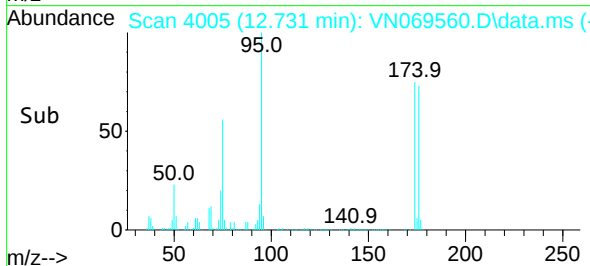
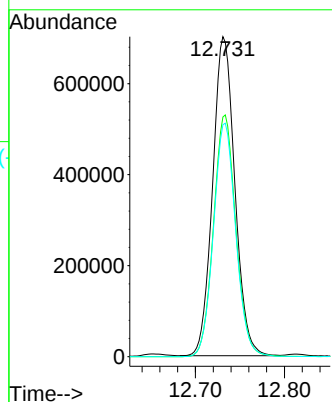
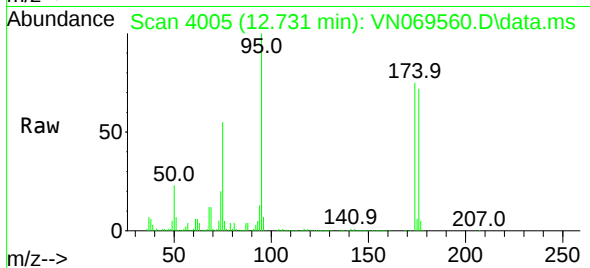




#62
4-Bromofluorobenzene
Concen: 58.053 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

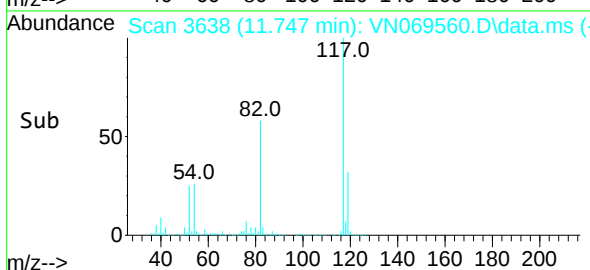
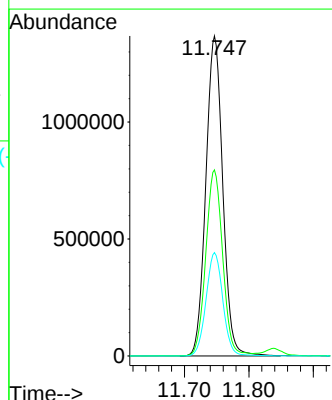
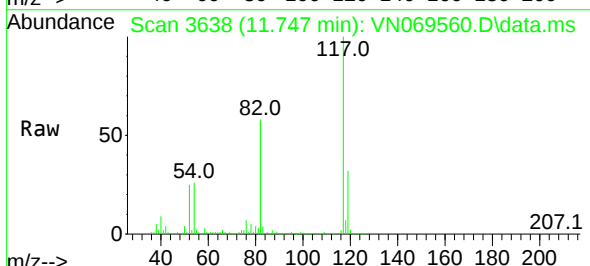
Instrument :
MSVOA_N
ClientSampleId :

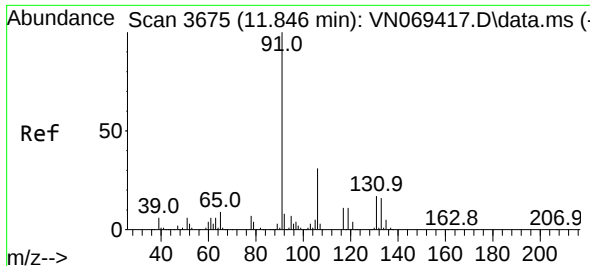
Tgt Ion: 95 Resp: 1215682
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 117 Resp: 2492627
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.3 25.4 38.2

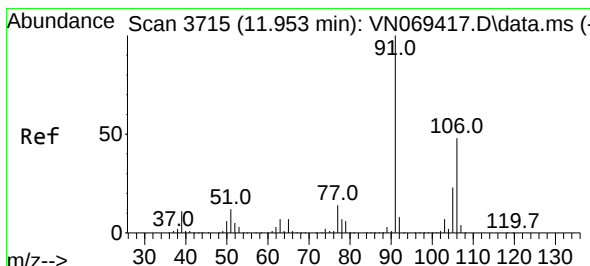
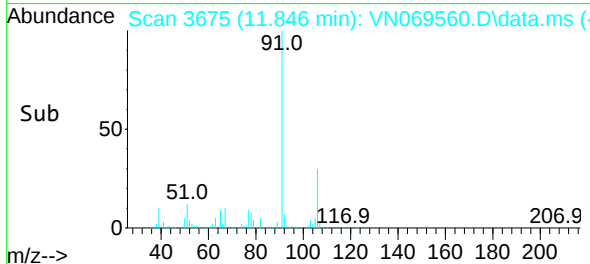
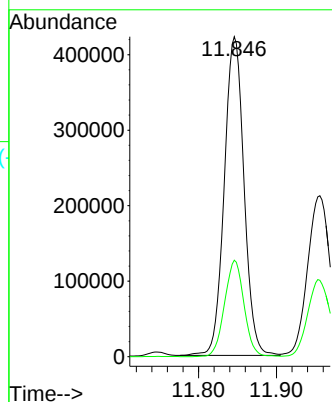
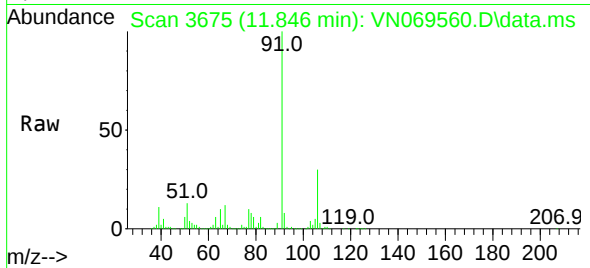




#67
Ethyl Benzene
Concen: 8.669 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

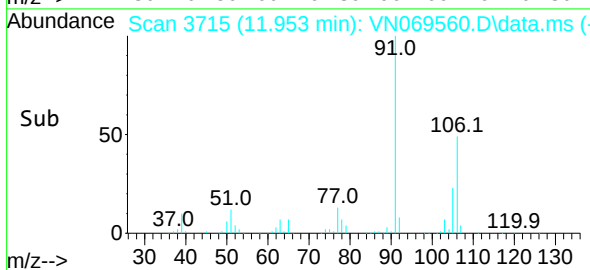
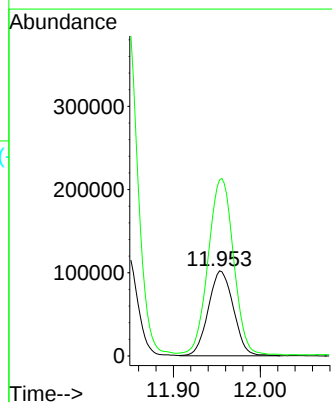
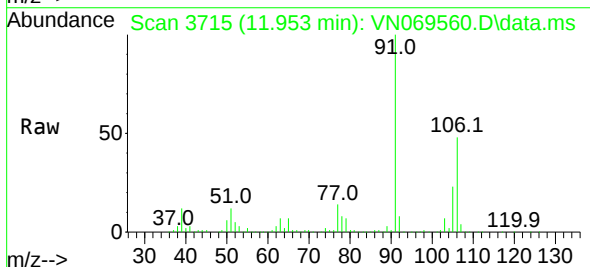
Instrument :
MSVOA_N
ClientSampleId :

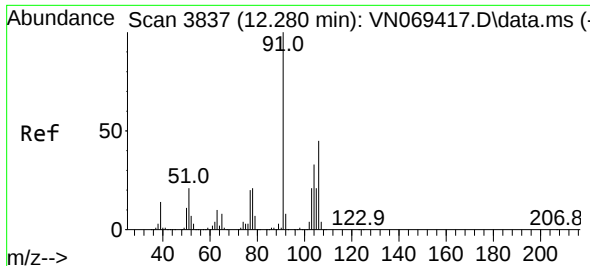
Tgt Ion: 91 Resp: 741799
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 6.508 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion:106 Resp: 204802
Ion Ratio Lower Upper
106 100
91 207.8 160.6 240.8

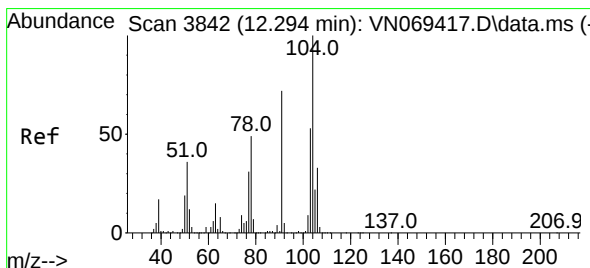
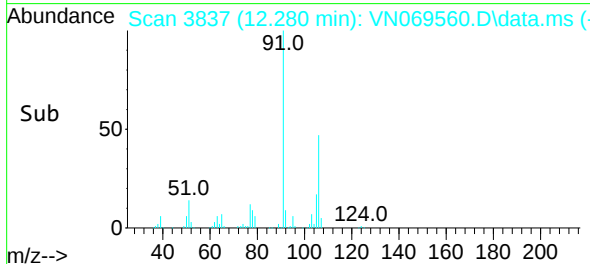
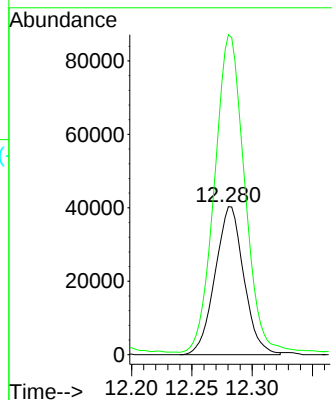
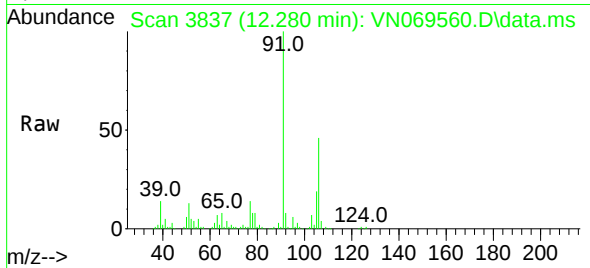




#69
o-Xylene
Concen: 2.130 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

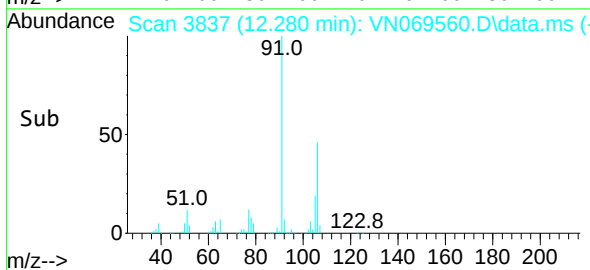
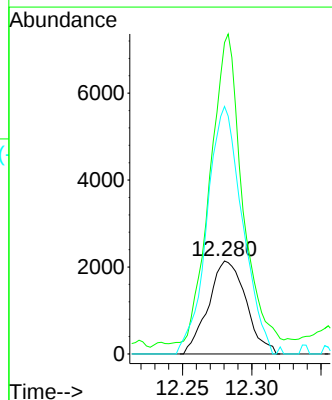
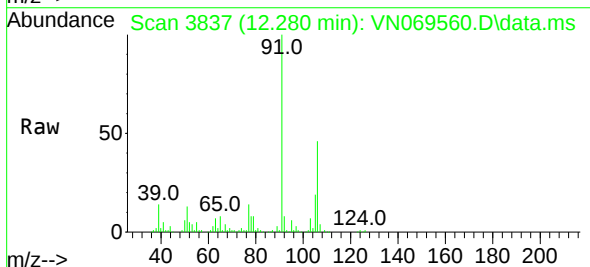
Instrument :
MSVOA_N
ClientSampleId :

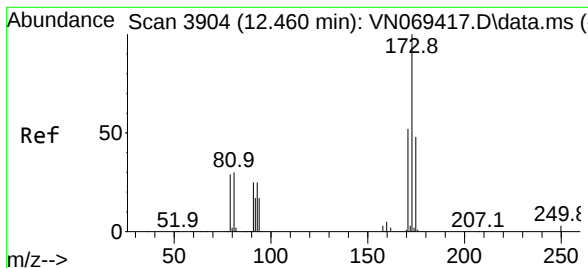
Tgt Ion:106 Resp: 66824
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3



#70
Styrene
Concen: 1.590 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion:104 Resp: 4026
Ion Ratio Lower Upper
104 100
78 279.8 38.7 58.1#
103 251.6 45.0 67.6#





#71

Bromoform

Concen: 3.452 ug/l

RT: 12.709 min Scan# 3904

Delta R.T. 0.249 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

ClientSampleId :

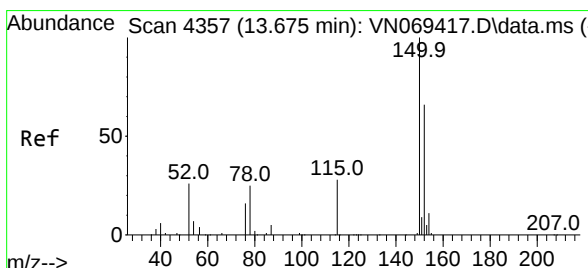
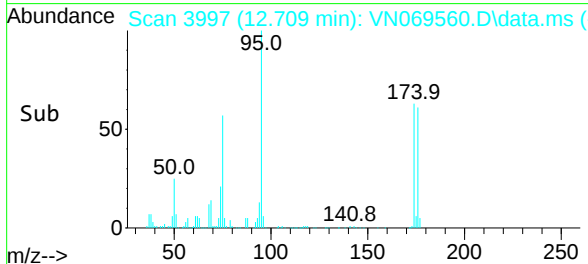
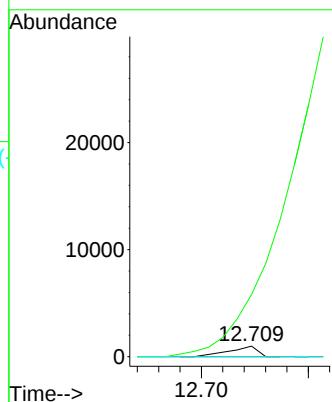
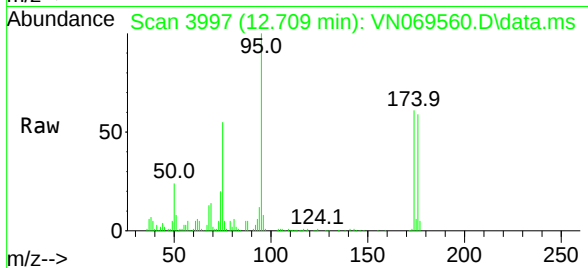
Tgt Ion:173 Resp: 360

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: VN069560.D

Acq: 18 Nov 2021 18:17

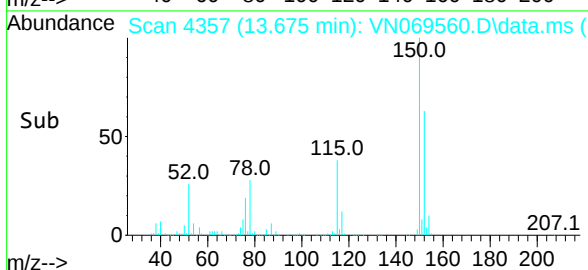
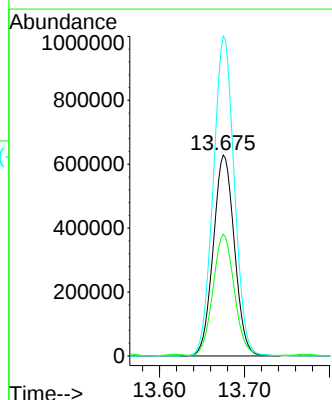
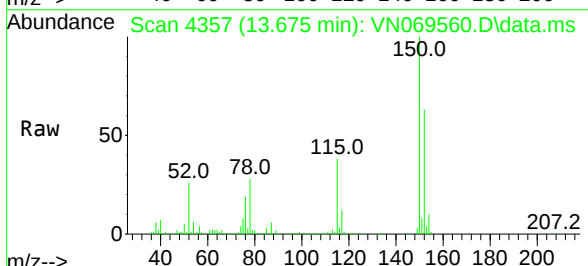
Tgt Ion:152 Resp: 1089158

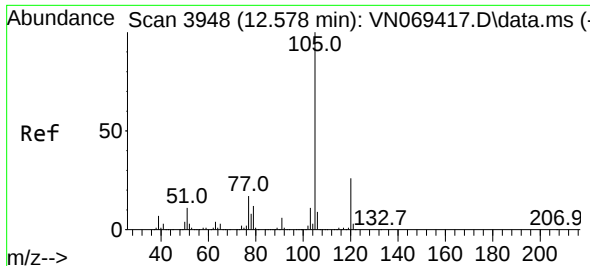
Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 158.4 0.0 344.4

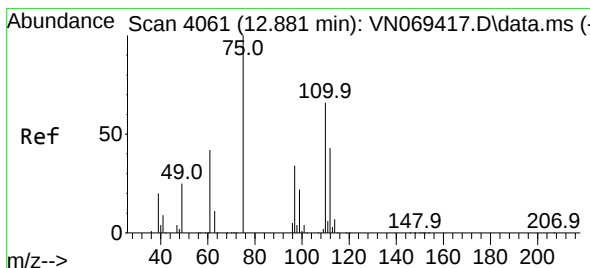
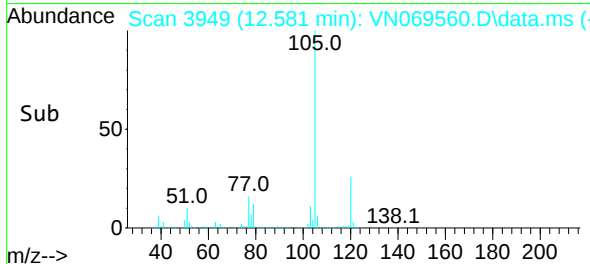
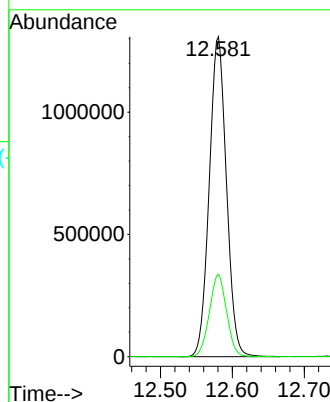
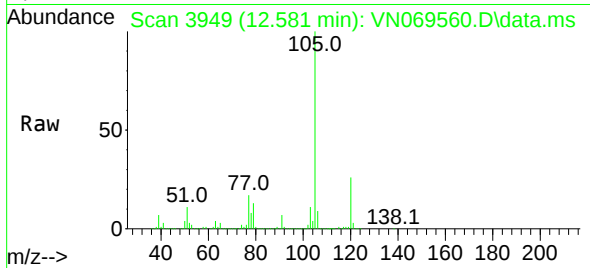




#73
Isopropylbenzene
Concen: 25.024 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

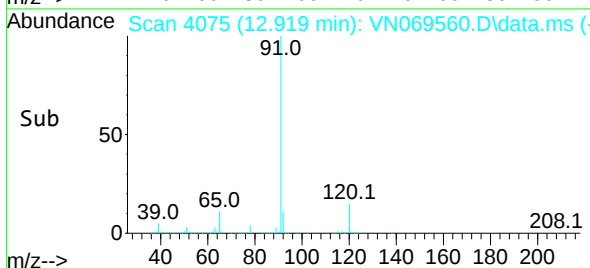
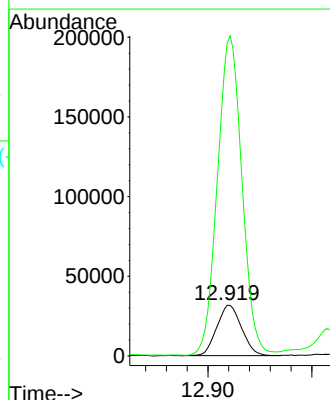
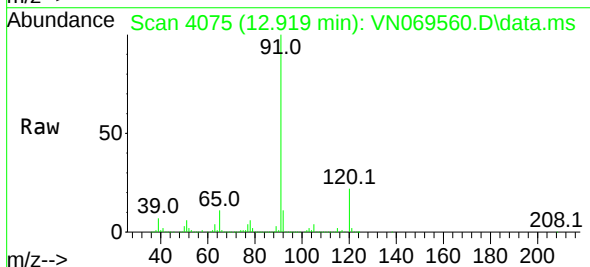
Instrument :
MSVOA_N
ClientSampleId :

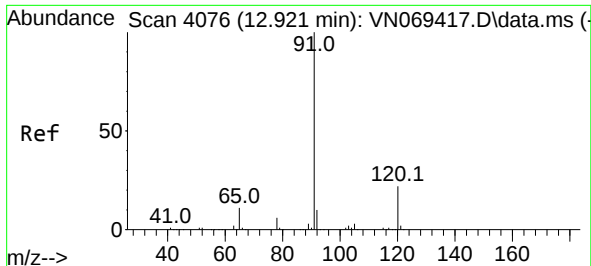
Tgt Ion:105 Resp: 2170095
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#76
1,2,3-Trichloropropane
Concen: 2.090 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. 0.038 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 75 Resp: 52528
Ion Ratio Lower Upper
75 100
77 626.8 82.6 247.8#

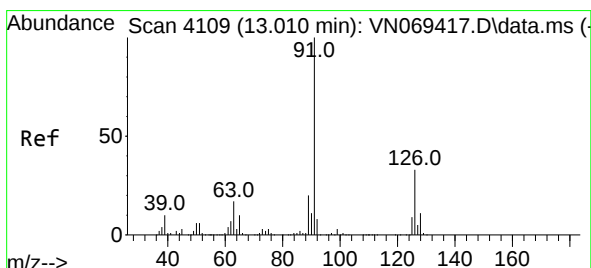
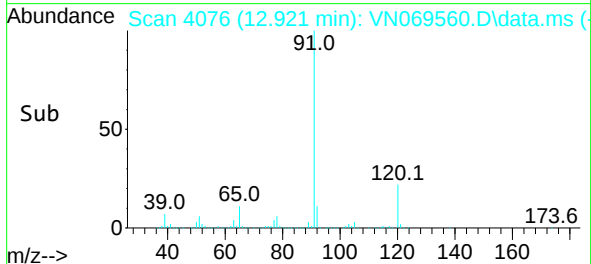
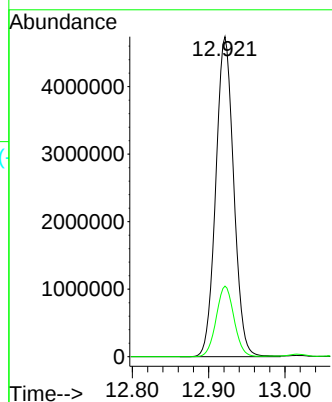
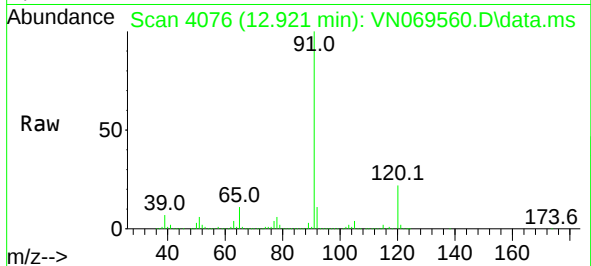




#78
n-propylbenzene
Concen: 79.171 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

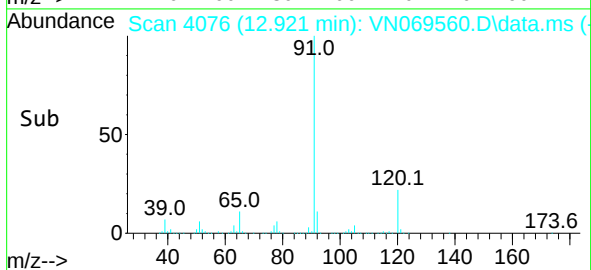
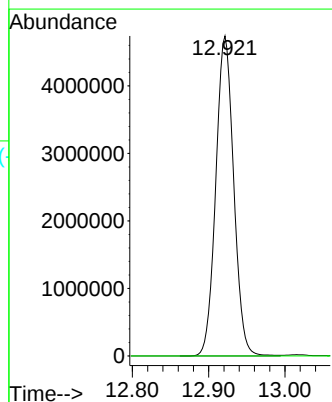
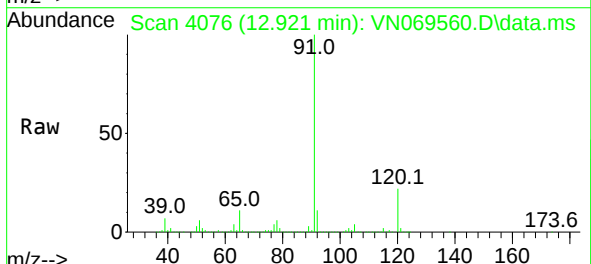
Instrument :
MSVOA_N
ClientSampleId :

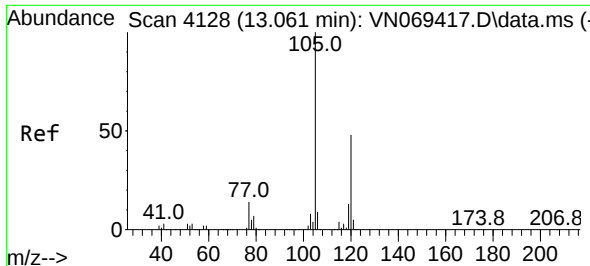
Tgt Ion: 91 Resp: 7725438
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9



#79
2-Chlorotoluene
Concen: 127.867 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.089 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 91 Resp: 7725438
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

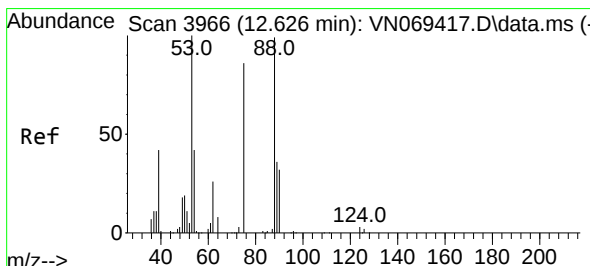
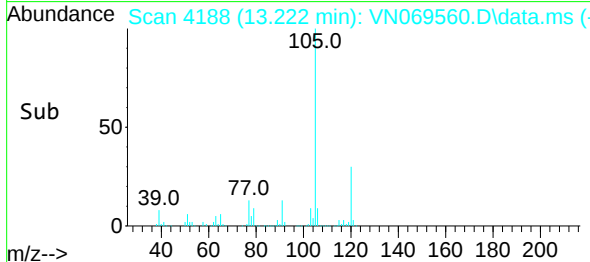
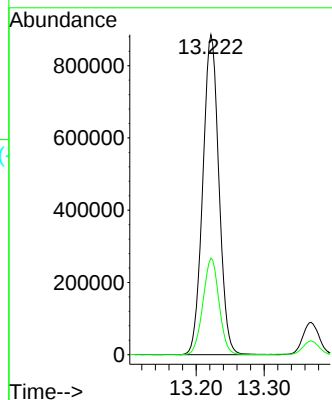
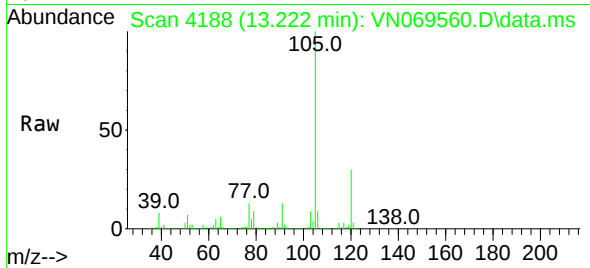




#80
1,3,5-Trimethylbenzene
Concen: 20.830 ug/l
RT: 13.222 min Scan# 41
Delta R.T. 0.161 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

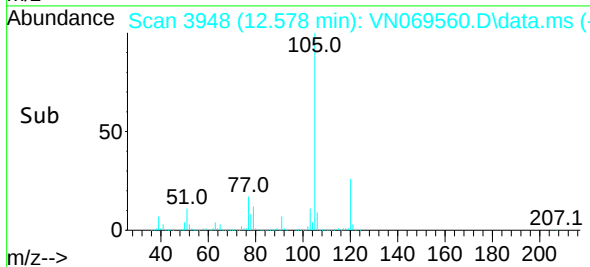
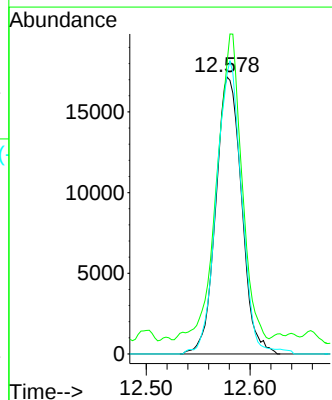
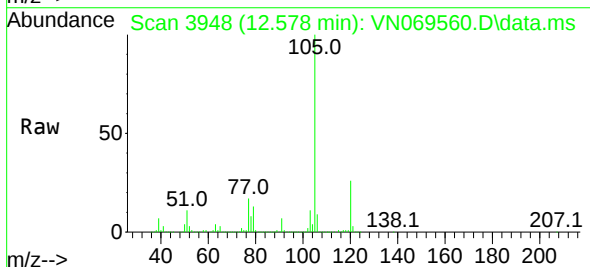
Instrument :
MSVOA_N
ClientSampleId :

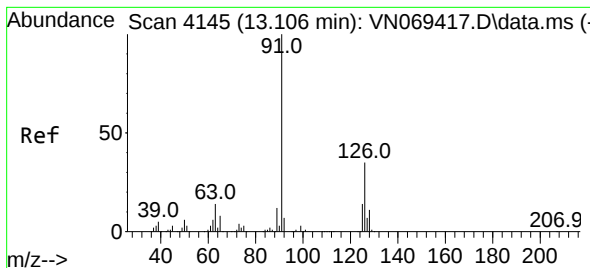
Tgt Ion:105 Resp: 1460325
Ion Ratio Lower Upper
105 100
120 30.1 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 8.886 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.048 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 75 Resp: 29589
Ion Ratio Lower Upper
75 100
53 106.6 90.5 135.7
89 103.5 38.2 57.4#





#82

4-Chlorotoluene

Concen: 134.134 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.185 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

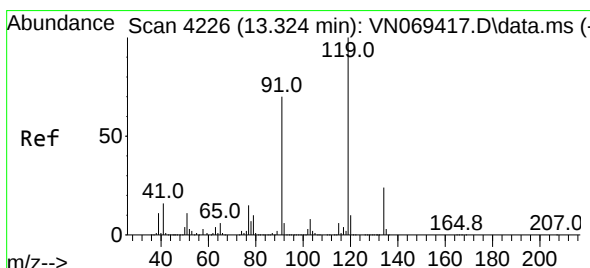
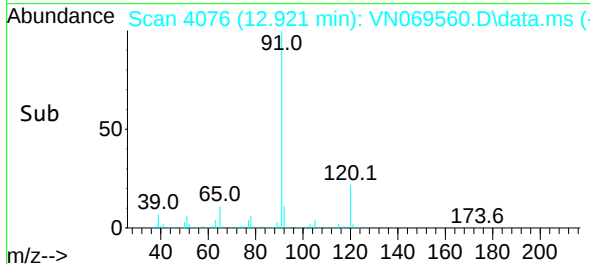
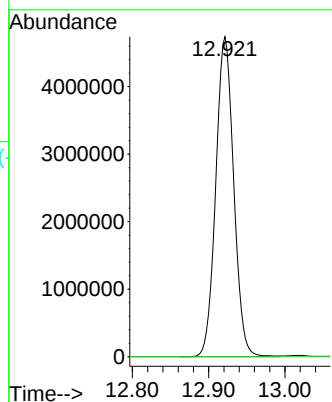
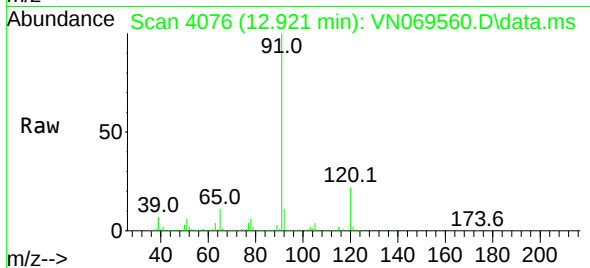
ClientSampleId :

Tgt Ion: 91 Resp: 7725438

Ion Ratio Lower Upper

91 100

126 0.0 18.2 54.6#



#83

tert-Butylbenzene

Concen: 0.332 ug/l

RT: 13.324 min Scan# 4226

Delta R.T. -0.000 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

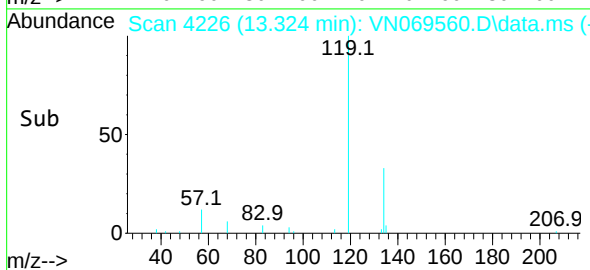
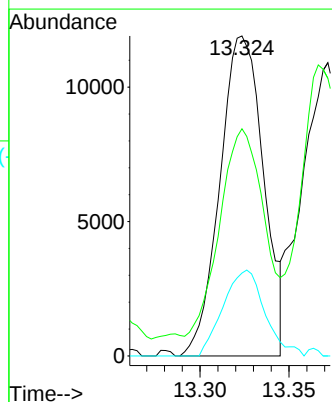
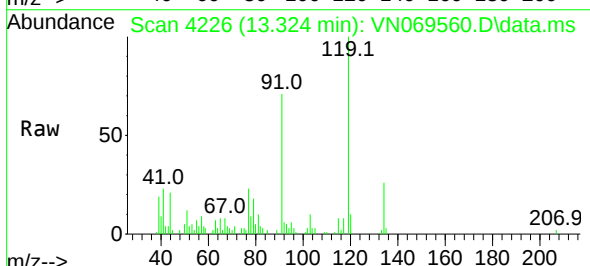
Tgt Ion: 119 Resp: 20379

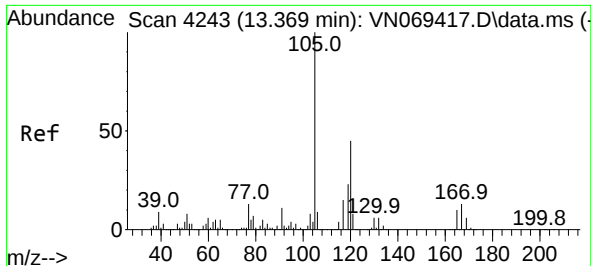
Ion Ratio Lower Upper

119 100

91 0.0 31.5 94.5#

134 0.0 12.4 37.4#

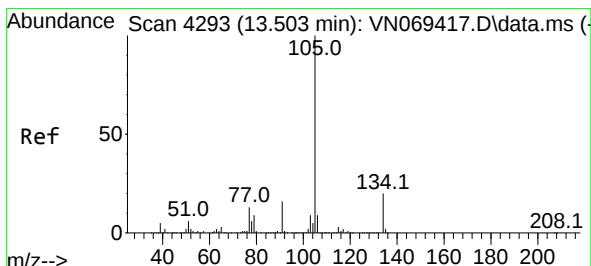
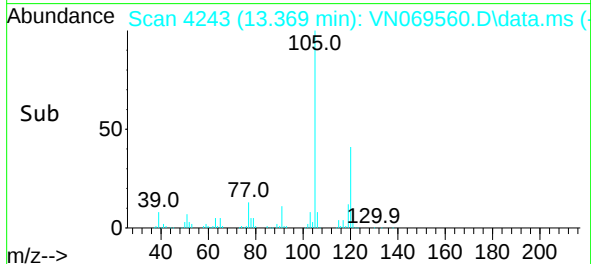
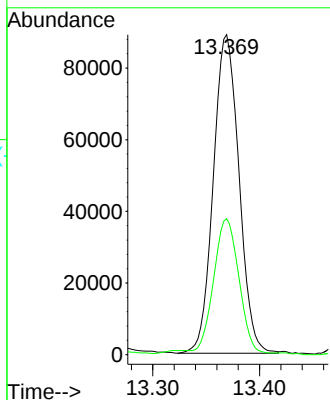
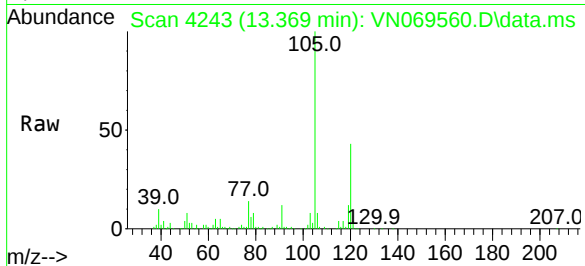




#84
1,2,4-Trimethylbenzene
Concen: 2.198 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

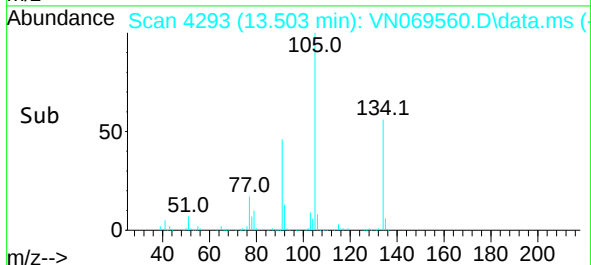
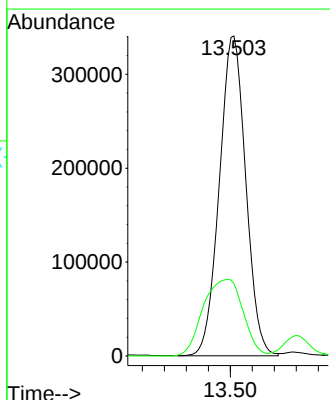
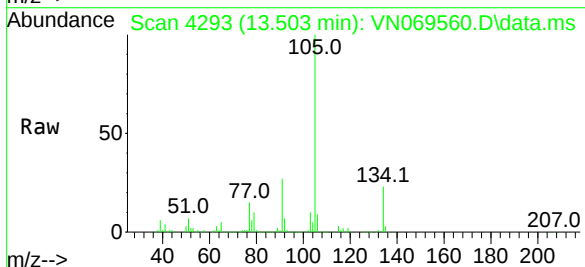
Instrument :
MSVOA_N
ClientSampleId :

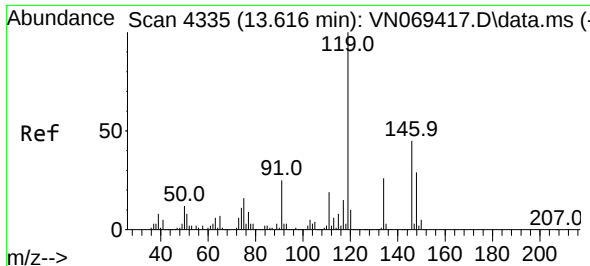
Tgt Ion:105 Resp: 148741
Ion Ratio Lower Upper
105 100
120 41.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 6.609 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion:105 Resp: 567212
Ion Ratio Lower Upper
105 100
134 36.1 10.4 31.1#

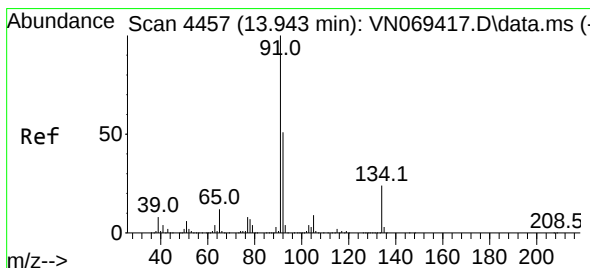
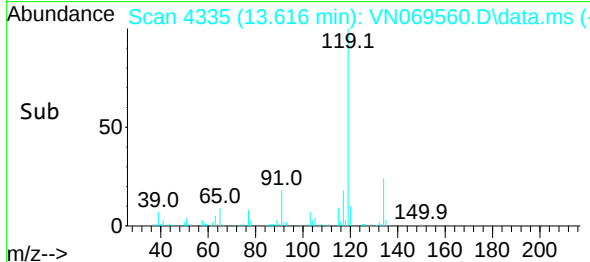
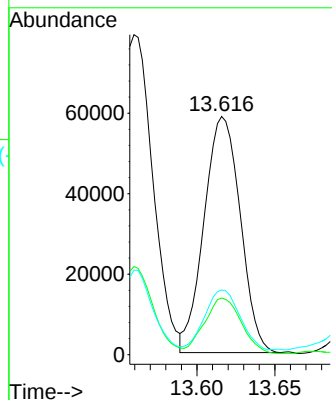
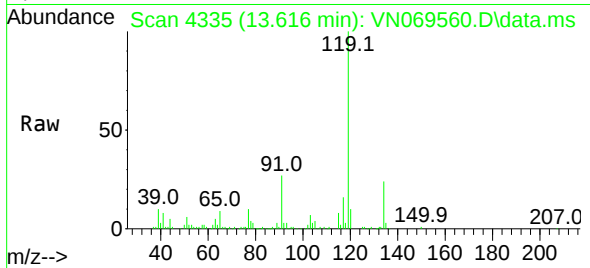




#86
p-Isopropyltoluene
Concen: 1.394 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

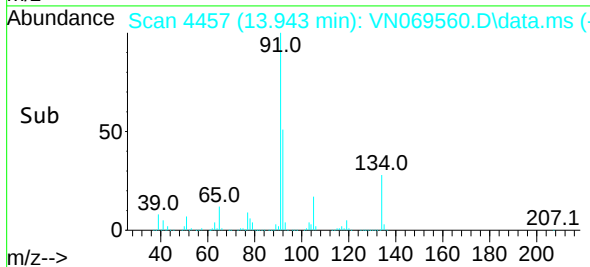
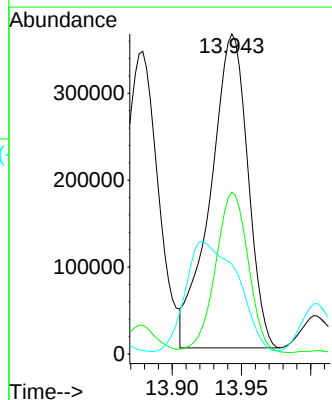
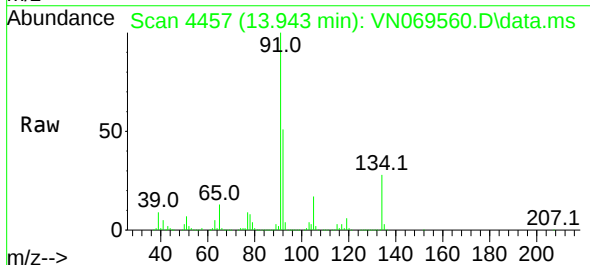
Instrument :
MSVOA_N
ClientSampleId :

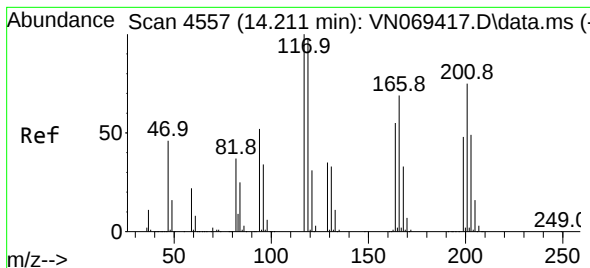
Tgt Ion:119 Resp: 94976
Ion Ratio Lower Upper
119 100
134 23.8 13.6 40.7
91 24.2 11.4 34.1



#89
n-Butylbenzene
Concen: 11.913 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

Tgt Ion: 91 Resp: 676780
Ion Ratio Lower Upper
91 100
92 45.2 25.4 76.0
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 28.496 ug/l

RT: 14.217 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

Instrument :

MSVOA_N

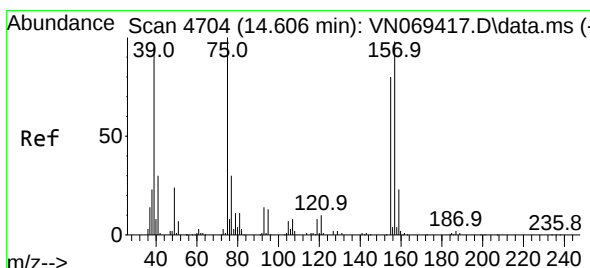
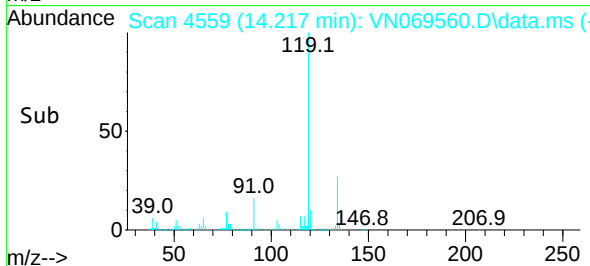
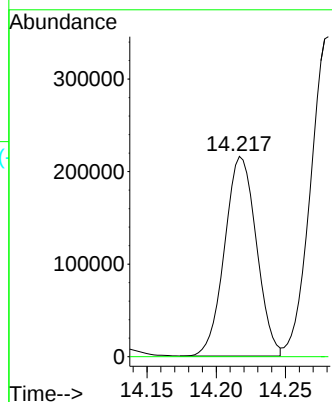
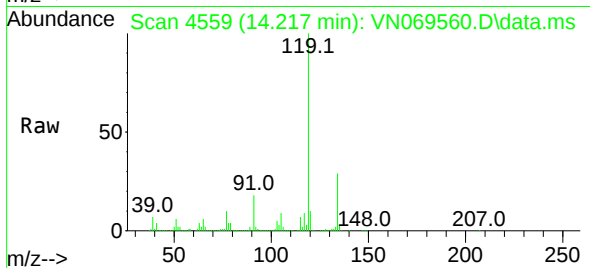
ClientSampleId :

Tgt Ion:117 Resp: 344665

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.089 ug/l

RT: 14.622 min Scan# 4710

Delta R.T. 0.016 min

Lab File: VN069560.D

Acq: 18 Nov 2021 18:17

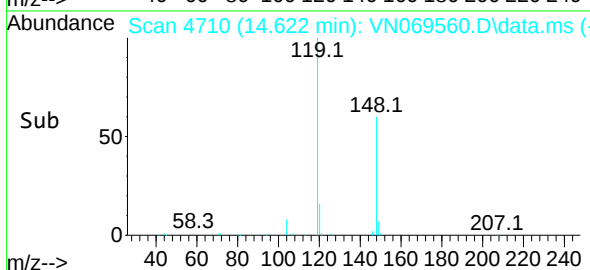
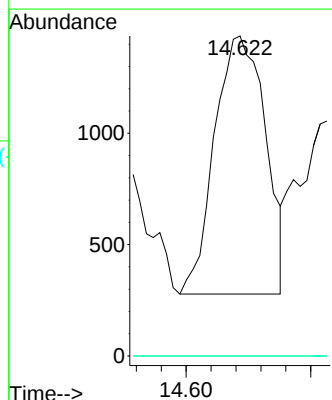
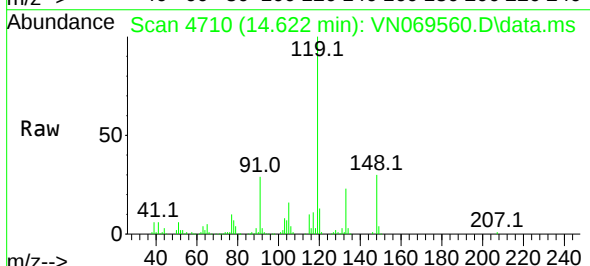
Tgt Ion: 75 Resp: 1645

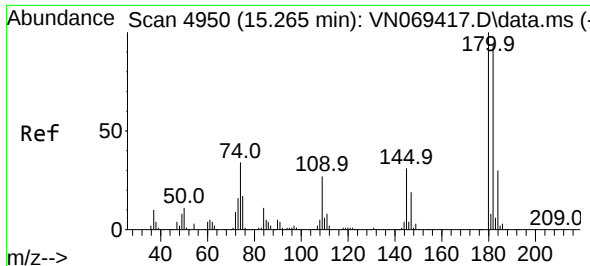
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

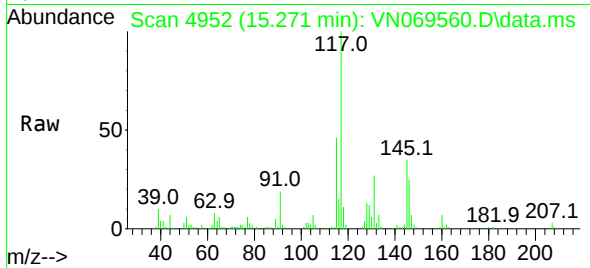
157 0.0 60.6 181.7#



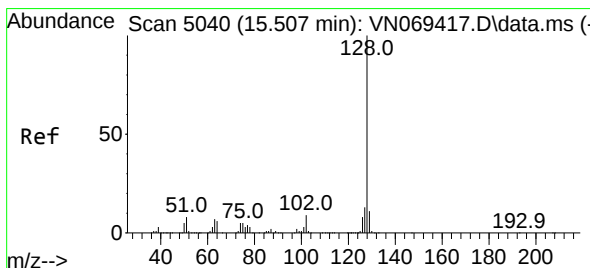
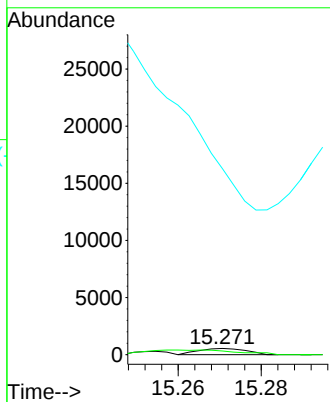
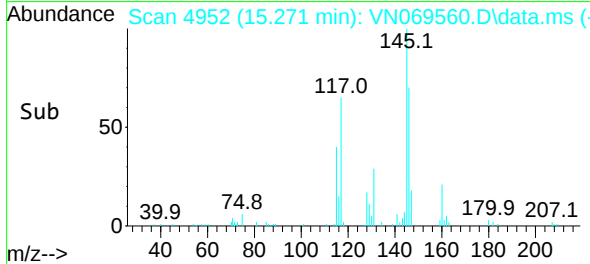


#93
1,2,4-Trichlorobenzene
Concen: 3.137 ug/l
RT: 15.271 min Scan# 4950
Delta R.T. 0.006 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17

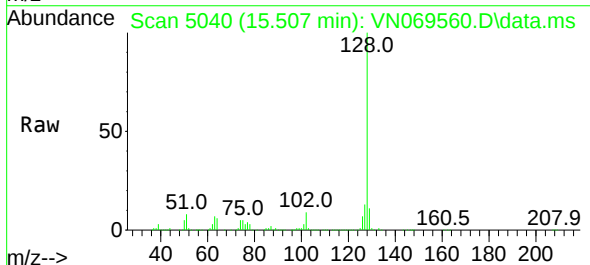
Instrument :
MSVOA_N
ClientSampleId :



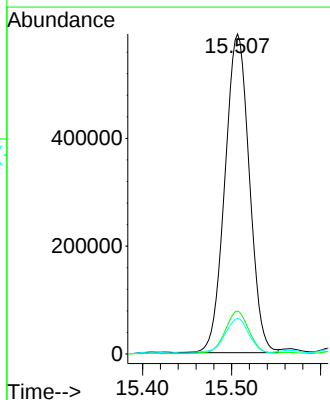
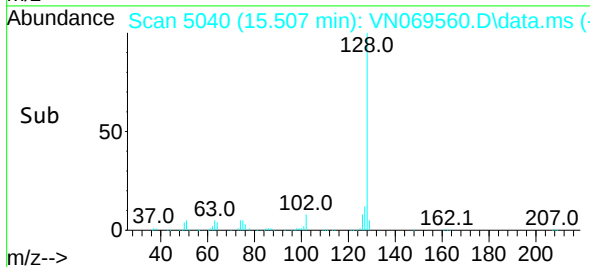
Tgt Ion:180 Resp: 436
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#

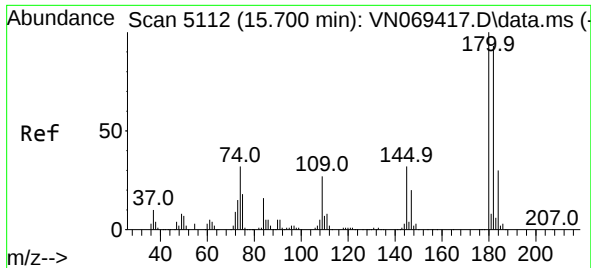


#95
Naphthalene
Concen: 25.701 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069560.D
Acq: 18 Nov 2021 18:17



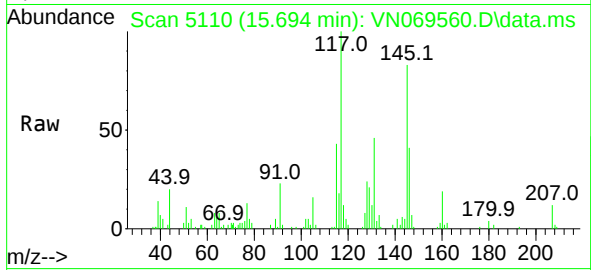
Tgt Ion:128 Resp: 1127858
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.213 ug/l
 RT: 15.694 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN069560.D
 Acq: 18 Nov 2021 18:17

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 755
 Ion Ratio Lower Upper
 180 100
 182 57.1 47.4 142.2
 145 0.0 15.0 45.1#

