

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069697.D
 Acq On : 1 Dec 2021 18:03
 Operator : JC/MD
 Sample : M4892-03DL 4X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 07:26:50 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	8.086	168	1536691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2666955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2733429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1182577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1132344	50.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.640%	
35) Dibromofluoromethane	8.021	113	772597	48.302	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.600%	
50) Toluene-d8	10.441	98	3423204	54.415	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.731	95	1352016	58.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.000%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.374	59	20956	5.219	ug/l #	71
13) Acrolein	3.993	56	18145	25.990	ug/l #	1
14) Allyl chloride	4.959	41	28398	1.031	ug/l #	17
15) Acrylonitrile	5.613	53	9028	0.878	ug/l #	10
16) Acetone	4.261	43	67784	5.638	ug/l #	56
18) Methyl Acetate	5.082	43	307064	7.858	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	13098	0.248	ug/l #	1
22) Diisopropyl ether	6.495	45	21144	0.356	ug/l #	87
23) Vinyl Acetate	6.477	43	22499	0.490	ug/l #	72
25) 2-Butanone	7.327	43	6027	0.370	ug/l #	72
30) Chloroform	8.094	83	12771	0.412	ug/l	94
31) Cyclohexane	8.094	56	347874	11.428	ug/l #	89
36) 1,1-Dichloropropene	8.086	75	128298	5.717	ug/l #	50
38) Carbon Tetrachloride	8.086	117	159735	7.373	ug/l #	16
39) Methylcyclohexane	9.459	83	131900	4.725	ug/l	89
40) Benzene	8.461	78	5008770	72.311	ug/l	99
42) 1,2-Dichloroethane	8.461	62	50529	1.863	ug/l	83
43) Isopropyl Acetate	8.552	43	22224	0.456	ug/l #	55
48) Methyl methacrylate	9.641	41	18491	0.807	ug/l #	71
52) Toluene	10.505	92	593554	13.755	ug/l	98
53) t-1,3-Dichloropropene	10.505	75	7527	2.888	ug/l #	1
54) cis-1,3-Dichloropropene	10.312	75	93	1.736	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	13380	0.769	ug/l #	22
56) Ethyl methacrylate	10.784	69	2523	2.127	ug/l #	72
58) 2-Chloroethyl Vinyl ether	9.969	63	6865	23.510	ug/l #	45
59) 2-Hexanone	11.213	43	1738	8.005	ug/l	67
60) Dibromochloromethane	10.980	129	25	2.419	ug/l #	11
61) 1,2-Dibromoethane	11.403	107	350	1.089	ug/l #	1
67) Ethyl Benzene	11.846	91	3744254	39.902	ug/l	96
68) m/p-Xylenes	11.956	106	3258166	94.407	ug/l	94
69) o-Xylene	12.280	106	589196	17.125	ug/l	93
70) Styrene	12.280	104	31163	2.009	ug/l #	1
71) Bromoform	12.701	173	46	3.431	ug/l #	29
73) Isopropylbenzene	12.578	105	357249	3.794	ug/l	100
76) 1,2,3-Trichloropropane	12.731	75	748098	27.412	ug/l #	1
78) n-propylbenzene	12.919	91	736630	6.953	ug/l	96

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

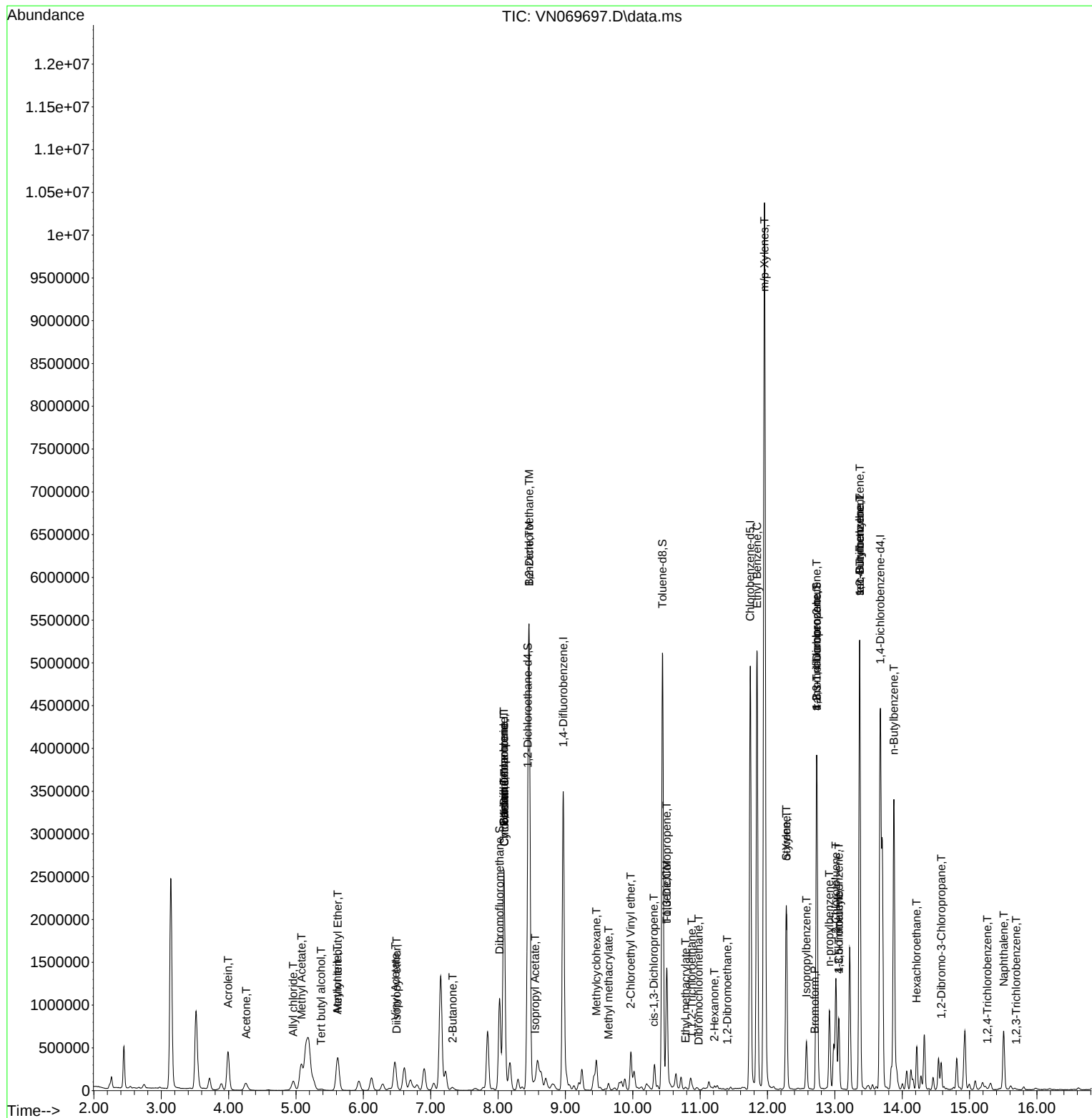
79) 2-Chlorotoluene	13.015	91	100080	1.526	ug/l	#	39
80) 1,3,5-Trimethylbenzene	13.058	105	447002	5.872	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.731	75	748098	77.939	ug/l	#	5
82) 4-Chlorotoluene	13.058	91	47183	0.755	ug/l	#	38
83) tert-Butylbenzene	13.369	119	364335	5.462	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.369	105	2995175	40.759	ug/l		97
85) sec-Butylbenzene	13.369	105	2995175	32.144	ug/l	#	56
89) n-Butylbenzene	13.876	91	351670	5.701	ug/l	#	43
90) Hexachloroethane	14.214	117	27990	4.132	ug/l	#	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	1771	2.086	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.265	180	1854	3.207	ug/l	#	67
95) Naphthalene	15.507	128	616153	15.143	ug/l		100
96) 1,2,3-Trichlorobenzene	15.692	180	426	3.192	ug/l	#	1

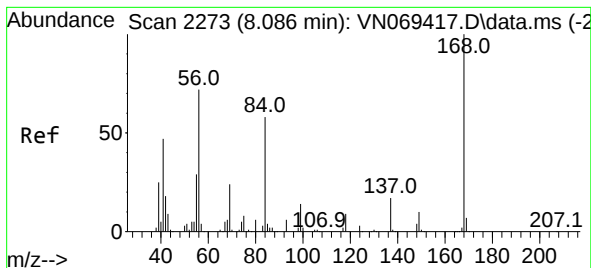
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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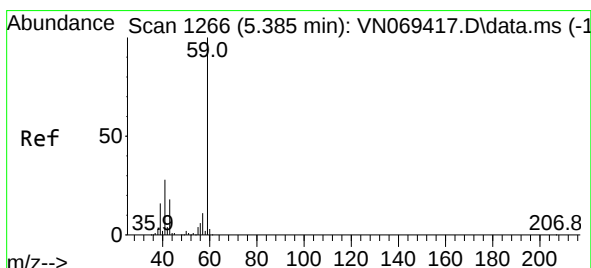
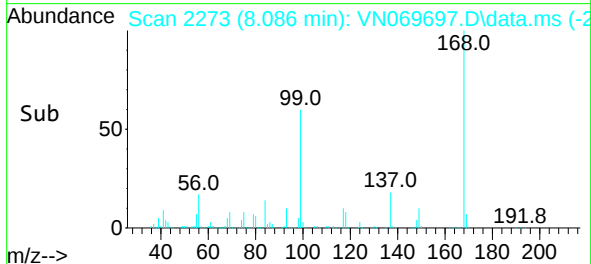
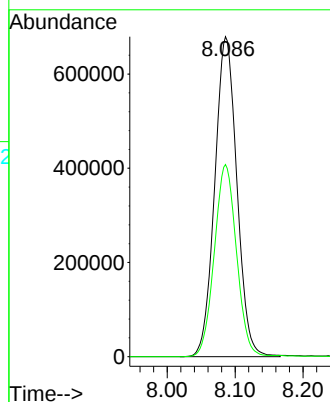
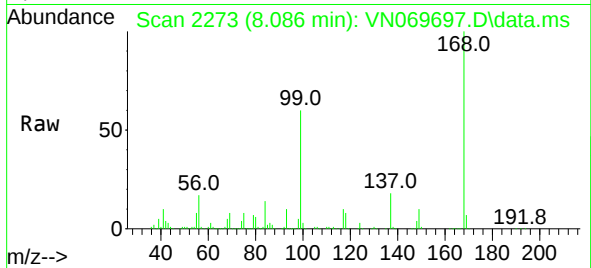




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

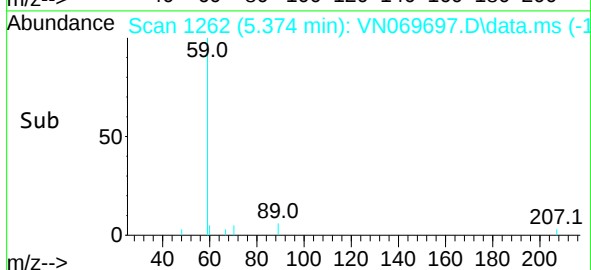
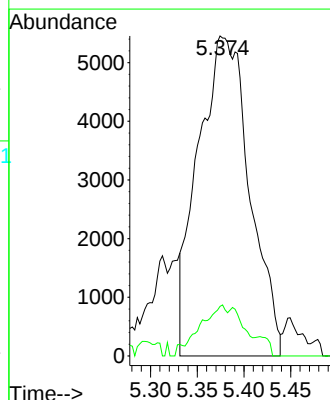
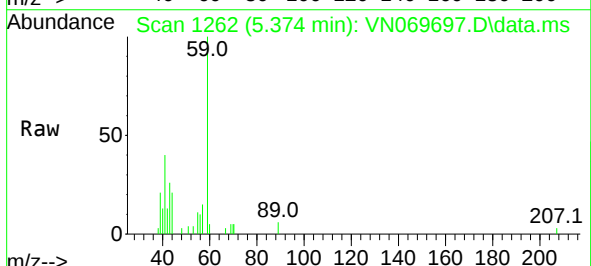
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MSVOA_N
ClientSampleId :

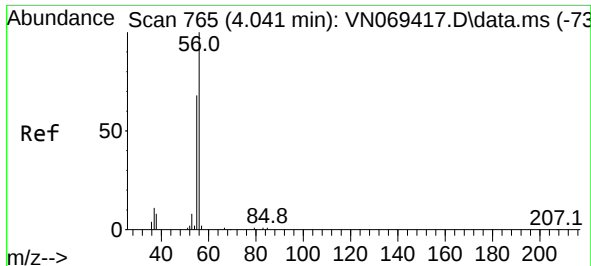
Tgt Ion:168 Resp: 1536691
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 5.219 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.011 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 59 Resp: 20956
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

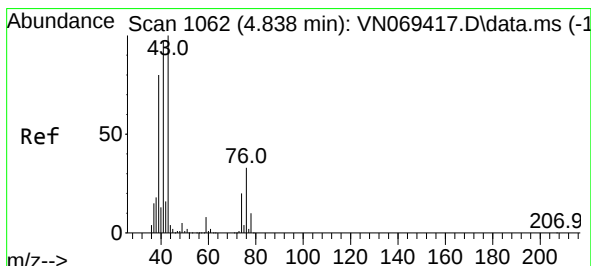
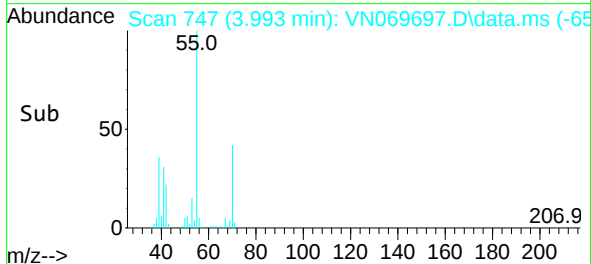
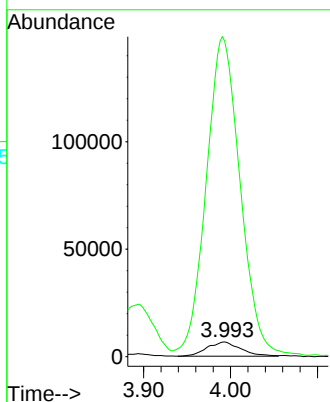
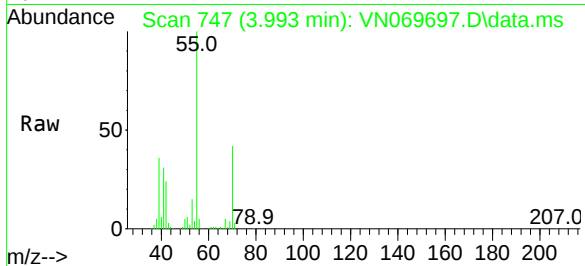




#13
Acrolein
Concen: 25.990 ug/l
RT: 3.993 min Scan# 74
Delta R.T. -0.048 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

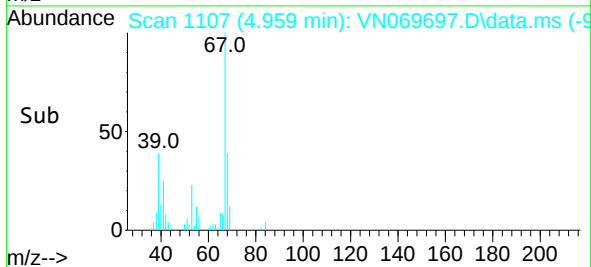
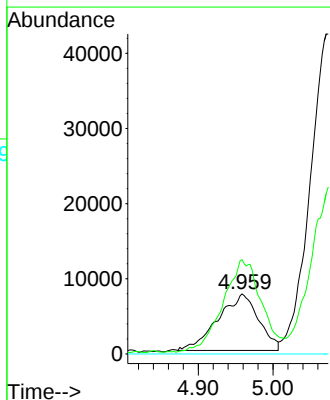
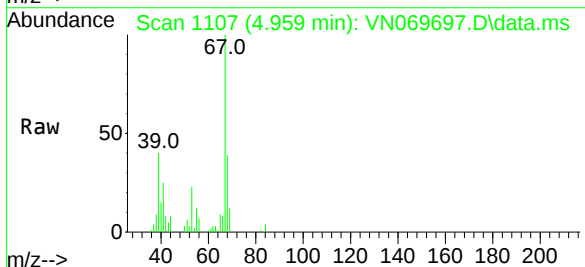
Instrument :
MSVOA_N
ClientSampleId :

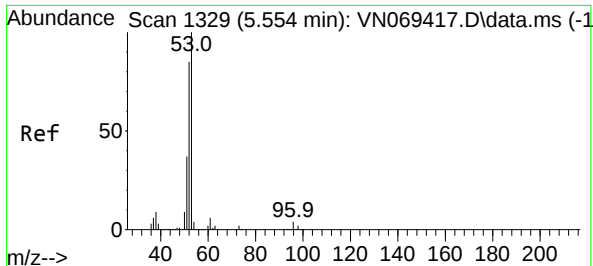
Tgt Ion: 56 Resp: 18145
Ion Ratio Lower Upper
56 100
55 2216.4 56.6 85.0#



#14
Allyl chloride
Concen: 1.031 ug/l
RT: 4.959 min Scan# 1107
Delta R.T. 0.121 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 41 Resp: 28398
Ion Ratio Lower Upper
41 100
39 157.0 61.2 91.8#
76 0.0 26.0 39.0#

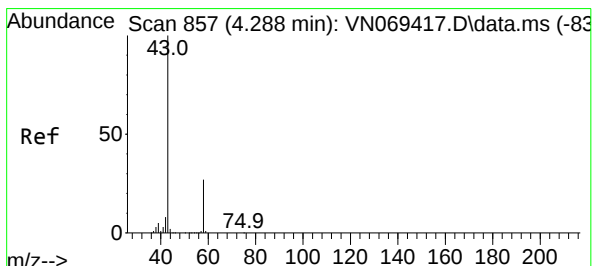
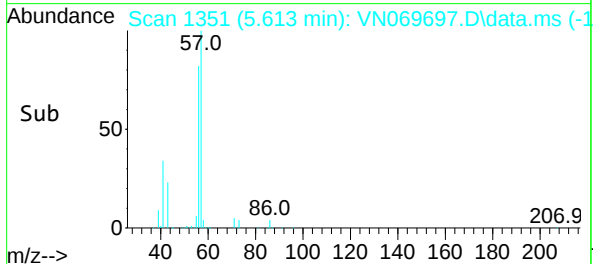
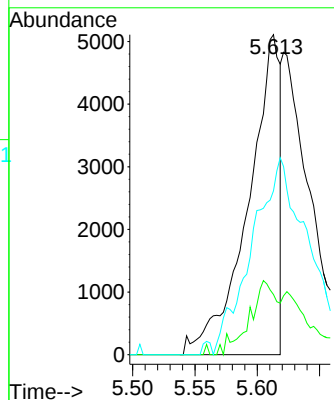
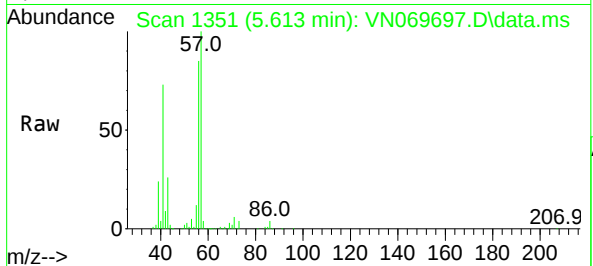




#15
Acrylonitrile
Concen: 0.878 ug/l
RT: 5.613 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

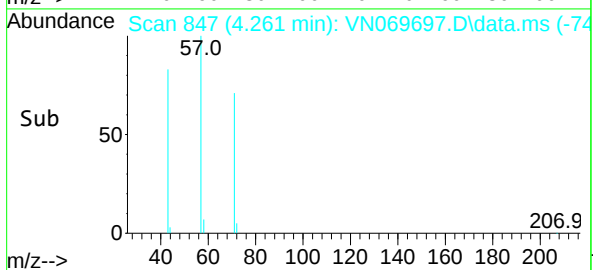
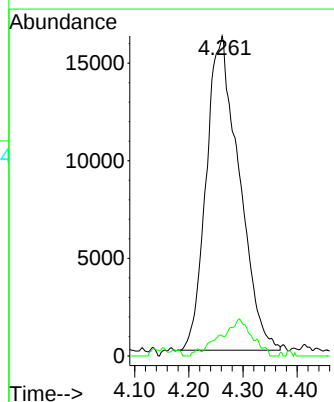
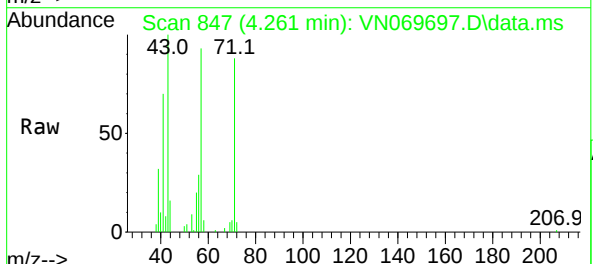
Instrument :
MSVOA_N
ClientSampleId :

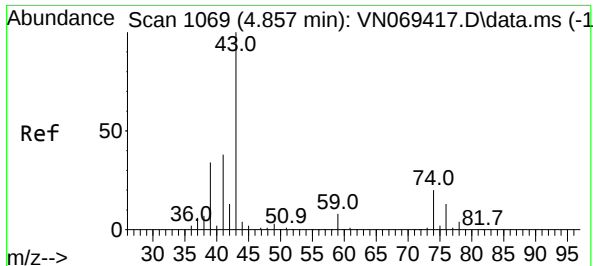
Tgt Ion: 53 Resp: 9028
Ion Ratio Lower Upper
53 100
52 13.2 66.2 99.2#
51 108.1 29.6 44.4#



#16
Acetone
Concen: 5.638 ug/l
RT: 4.261 min Scan# 847
Delta R.T. -0.027 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 43 Resp: 67784
Ion Ratio Lower Upper
43 100
58 5.3 23.1 34.7#





#18

Methyl Acetate

Concen: 7.858 ug/l

RT: 5.082 min Scan# 1153

Delta R.T. 0.225 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

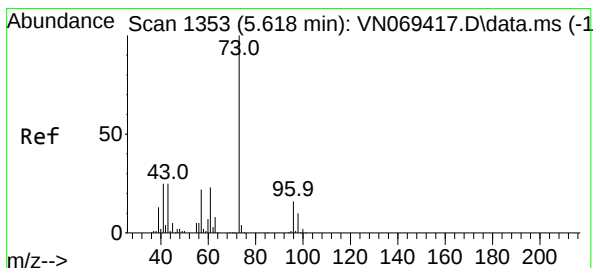
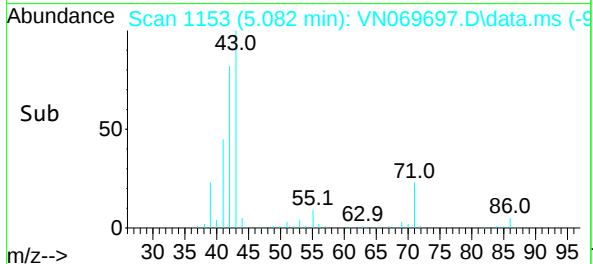
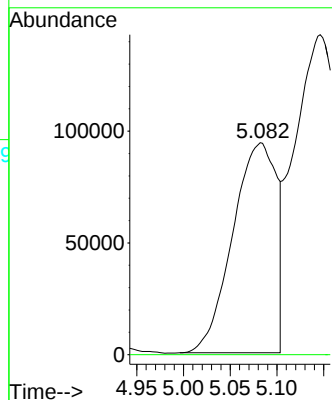
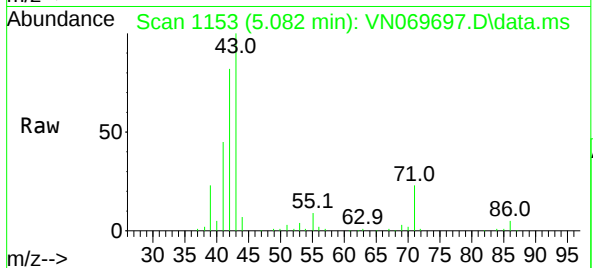
ClientSampleId :

Tgt Ion: 43 Resp: 307064

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.248 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.003 min

Lab File: VN069697.D

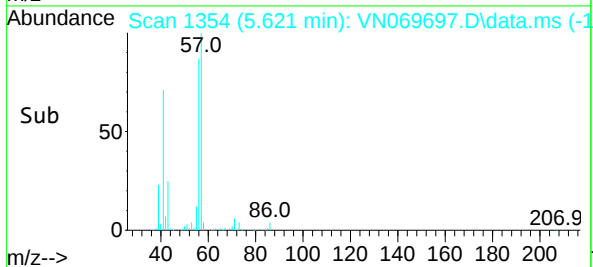
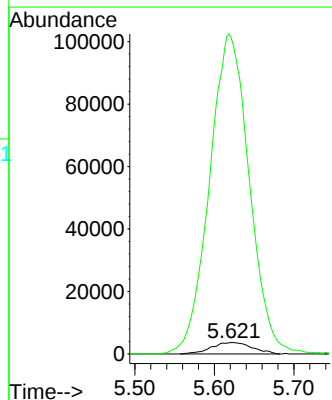
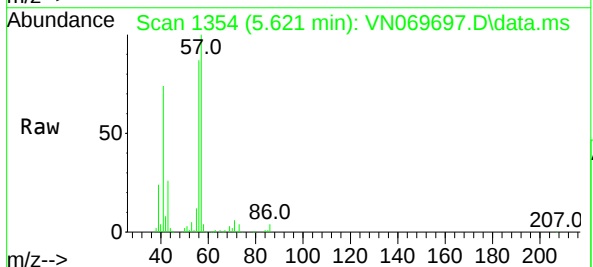
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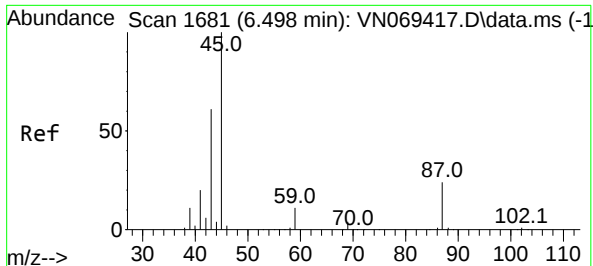
Tgt Ion: 73 Resp: 13098

Ion Ratio Lower Upper

73 100

57 2690.5 16.8 25.2#

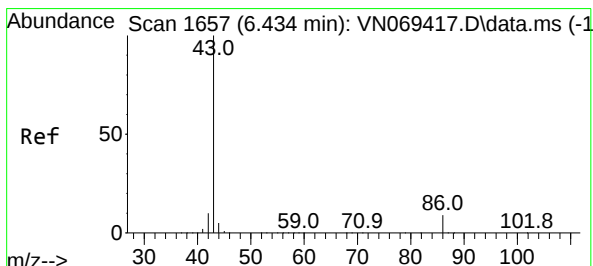
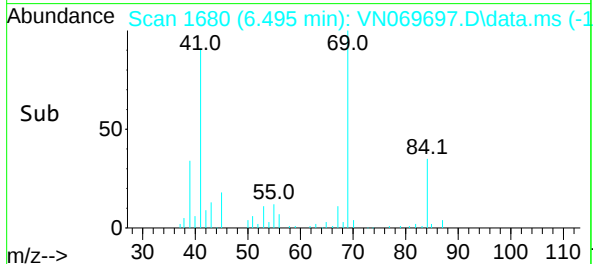
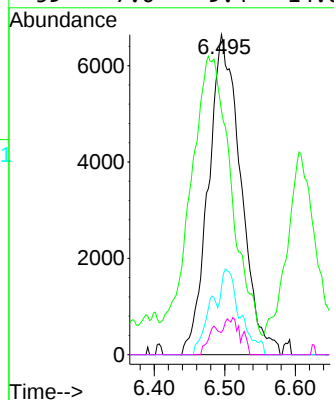
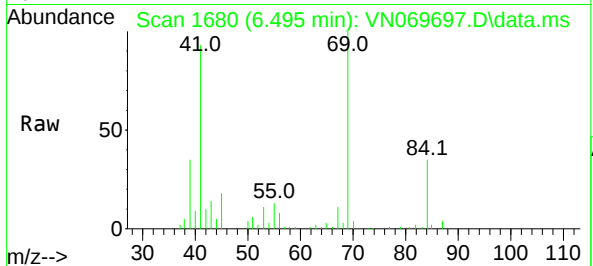




#22
Diisopropyl ether
Concen: 0.356 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

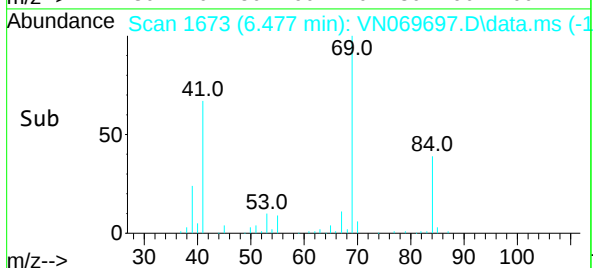
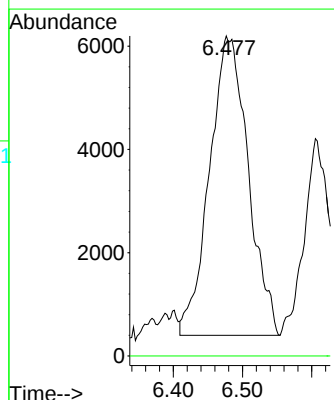
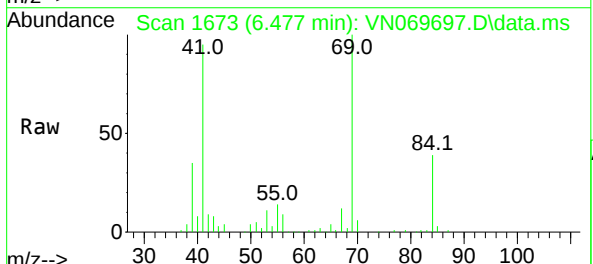
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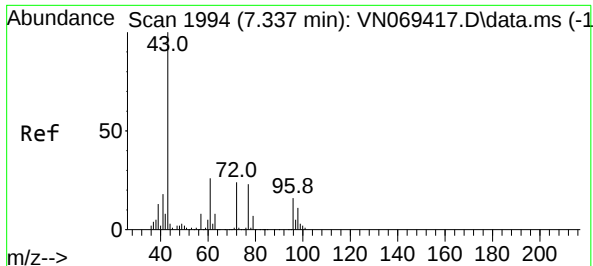
Tgt Ion: 45 Resp: 21144
Ion Ratio Lower Upper
45 100
43 54.4 51.7 77.5
87 20.9 23.2 34.8#
59 7.0 9.4 14.0#



#23
Vinyl Acetate
Concen: 0.490 ug/l
RT: 6.477 min Scan# 1673
Delta R.T. 0.043 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 43 Resp: 22499
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 0.370 ug/l

RT: 7.327 min Scan# 1994

Delta R.T. -0.010 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

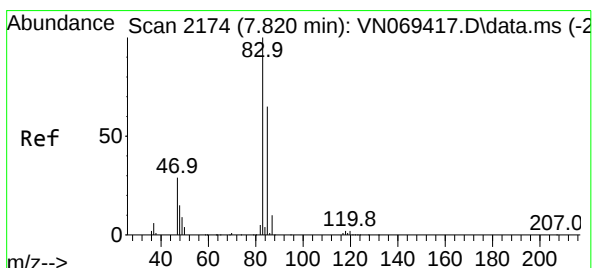
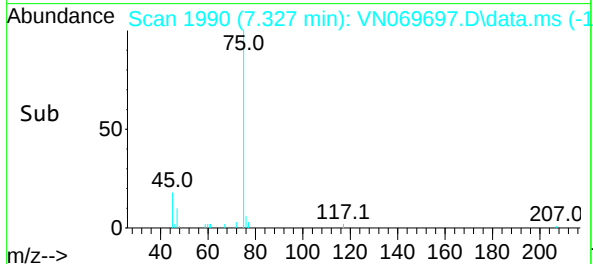
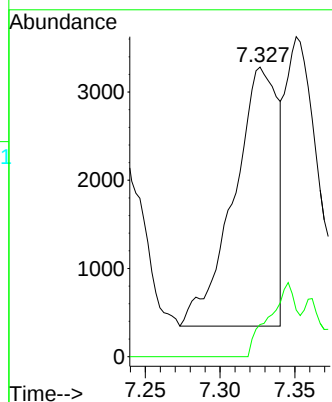
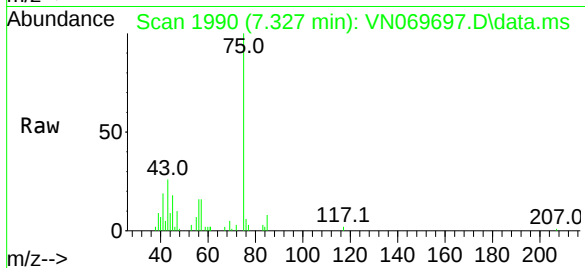
ClientSampleId :

Tgt Ion: 43 Resp: 6027

Ion Ratio Lower Upper

43 100

72 12.4 21.7 32.5#



#30

Chloroform

Concen: 0.412 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. 0.274 min

Lab File: VN069697.D

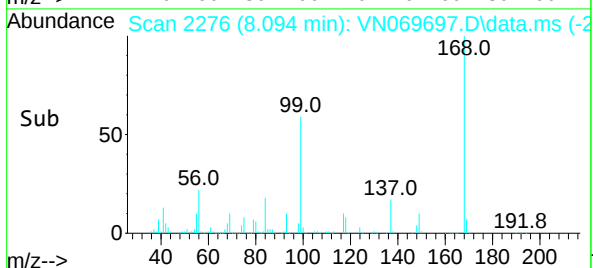
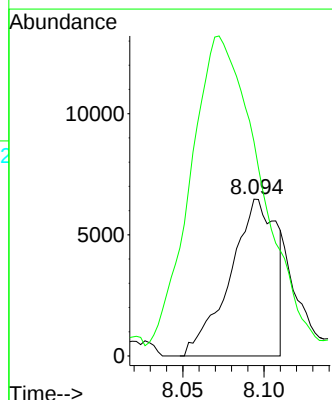
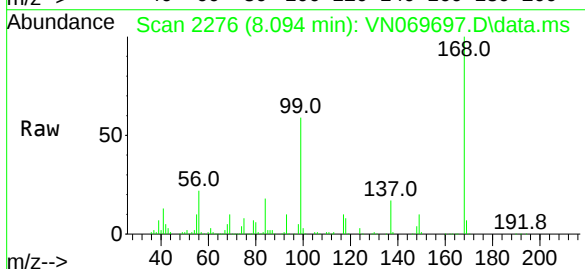
Acq: 1 Dec 2021 18:03

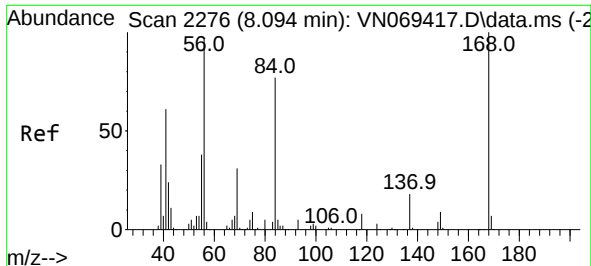
Tgt Ion: 83 Resp: 12771

Ion Ratio Lower Upper

83 100

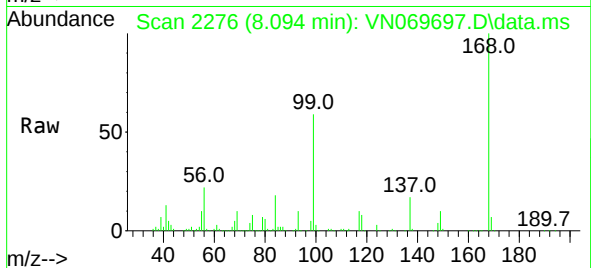
85 69.5 51.9 77.9



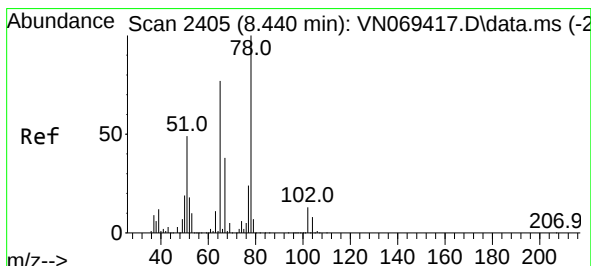
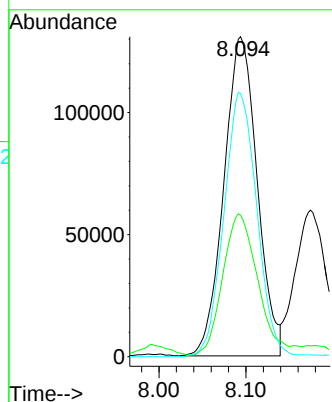
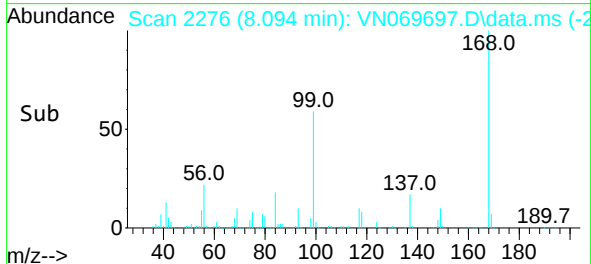


#31
Cyclohexane
Concen: 11.428 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

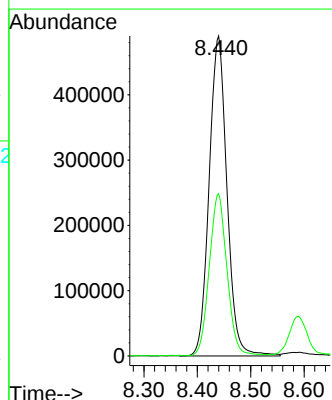
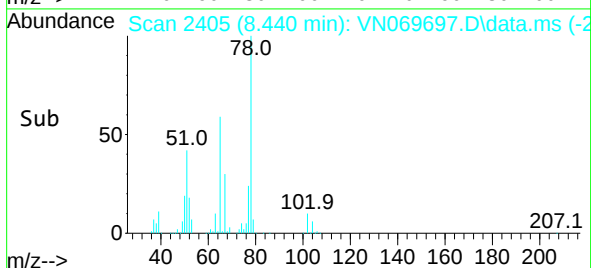
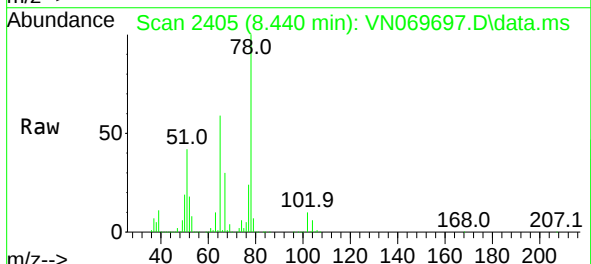


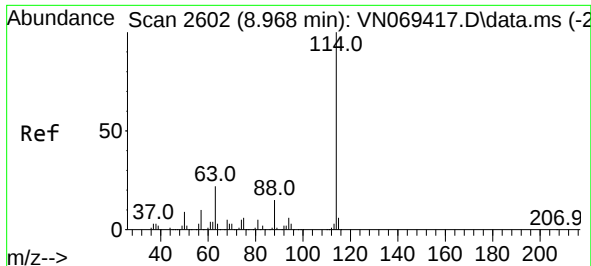
Tgt Ion: 56 Resp: 347874
Ion Ratio Lower Upper
56 100
69 43.2 27.1 40.7#
84 82.5 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 50.821 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

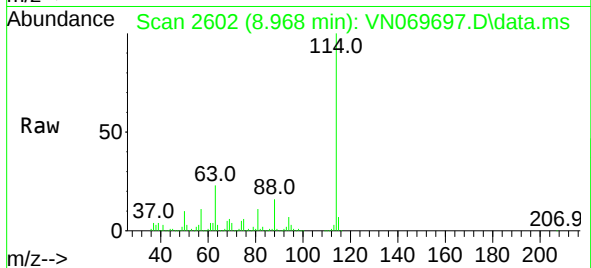
Tgt Ion: 65 Resp: 1132344
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0



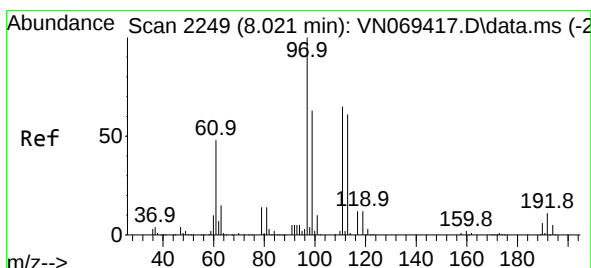
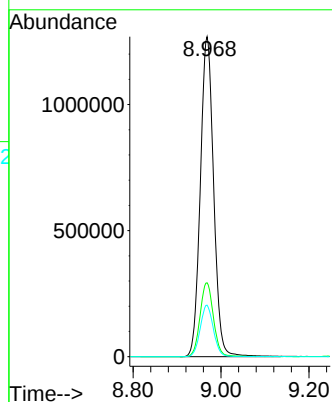
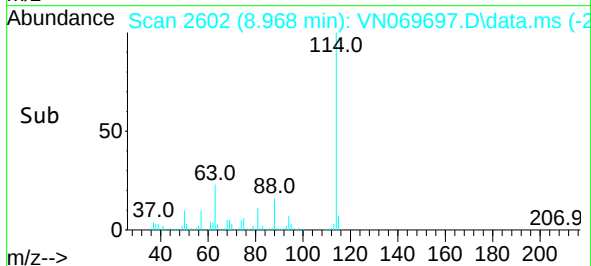


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

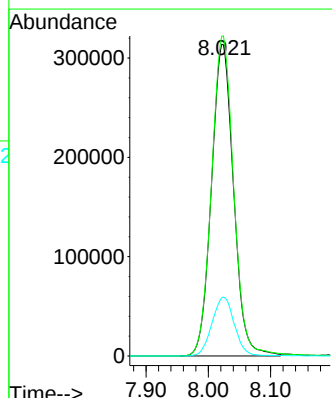
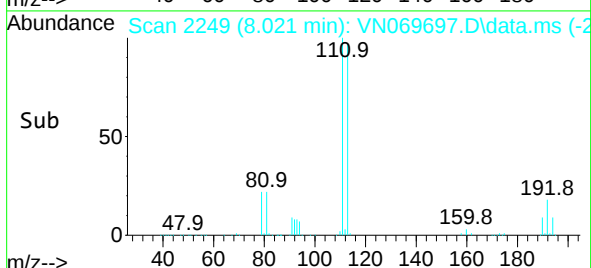
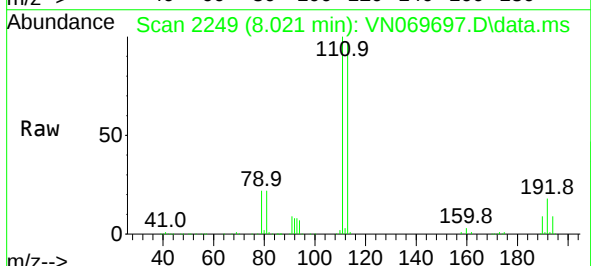


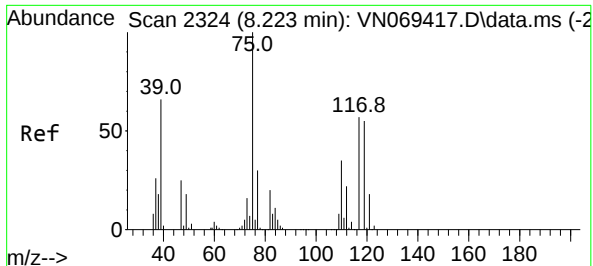
Tgt Ion:114 Resp: 2666955
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

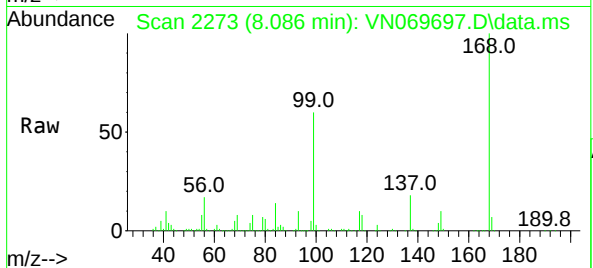
Tgt Ion:113 Resp: 772597
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3



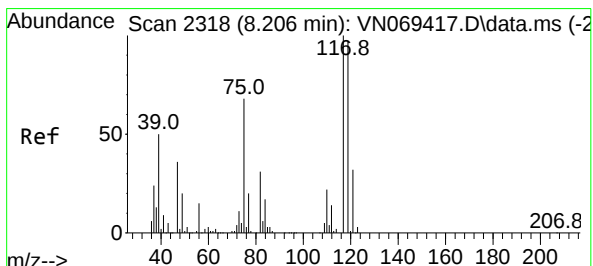
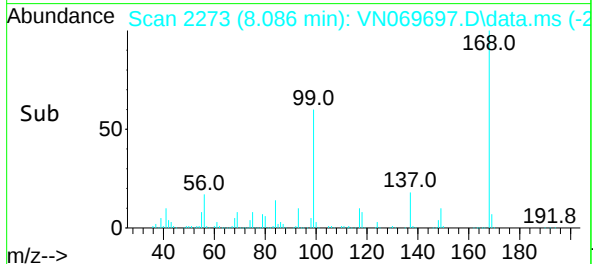
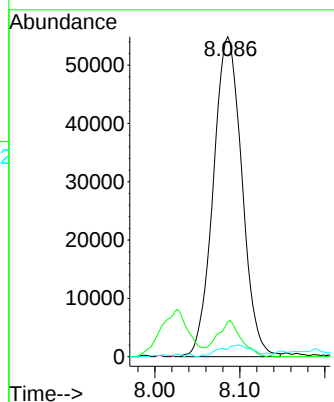


#36
 1,1-Dichloropropene
 Concen: 5.717 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :

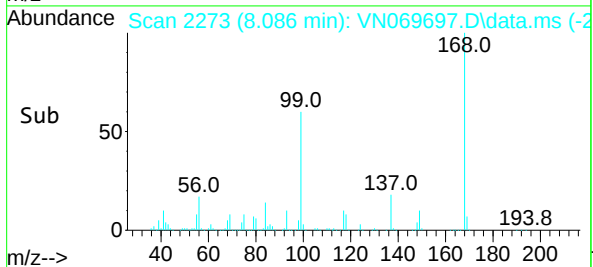
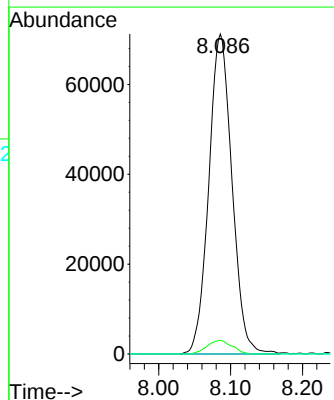
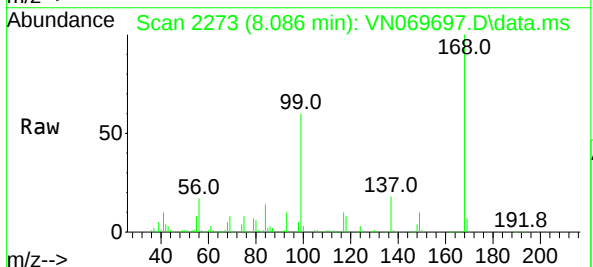


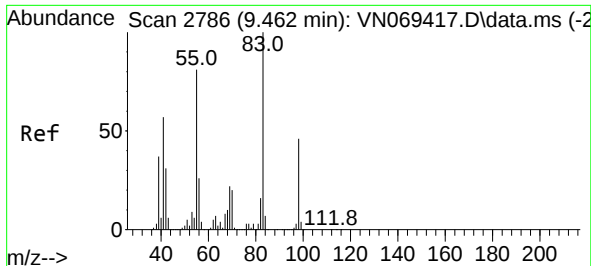
Tgt Ion: 75 Resp: 128298
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.373 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Tgt Ion: 117 Resp: 159735
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.1 114.1#
 121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 4.725 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

ClientSampleId :

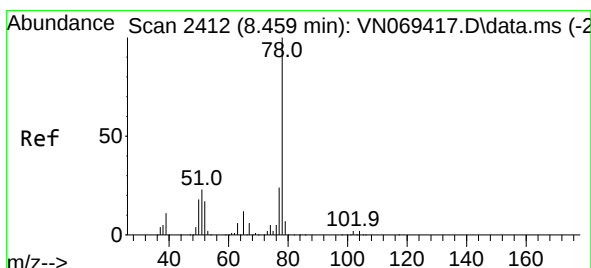
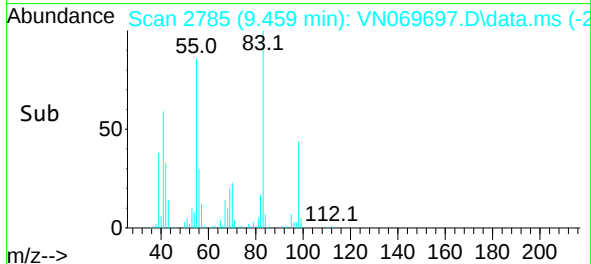
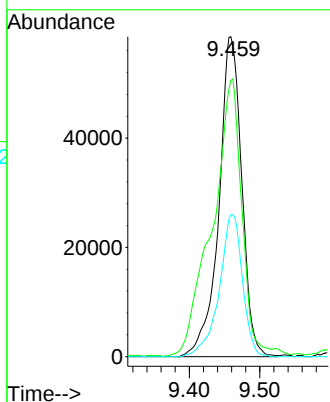
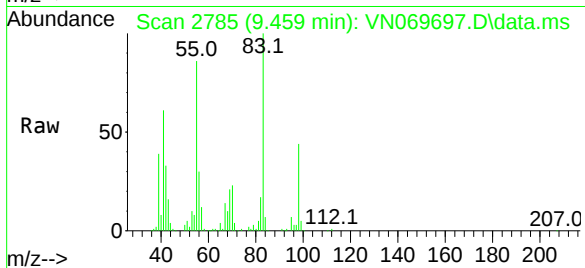
Tgt Ion: 83 Resp: 131900

Ion Ratio Lower Upper

83 100

55 84.9 58.1 87.1

98 44.3 38.4 57.6



#40

Benzene

Concen: 72.311 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069697.D

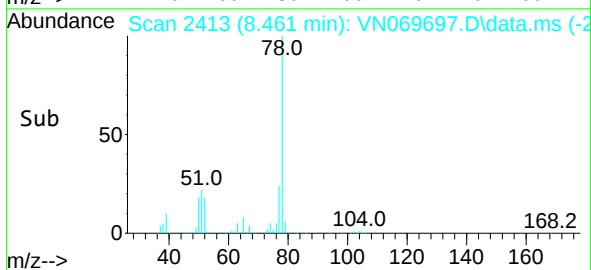
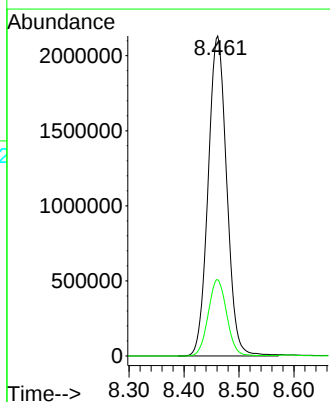
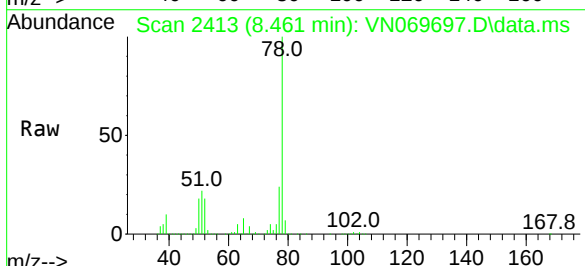
Acq: 1 Dec 2021 18:03

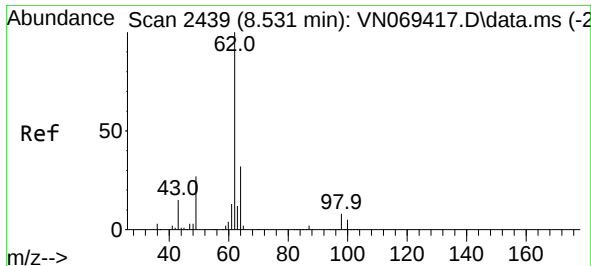
Tgt Ion: 78 Resp: 5008770

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8





#42

1,2-Dichloroethane

Concen: 1.863 ug/l

RT: 8.461 min Scan# 2441

Delta R.T. -0.070 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

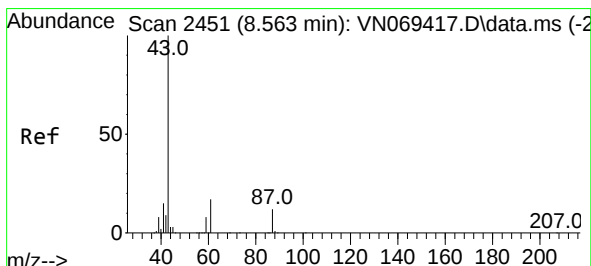
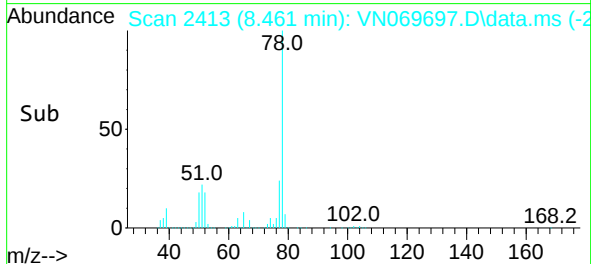
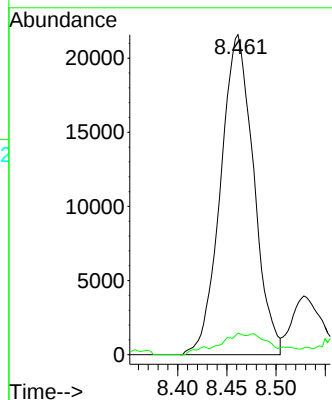
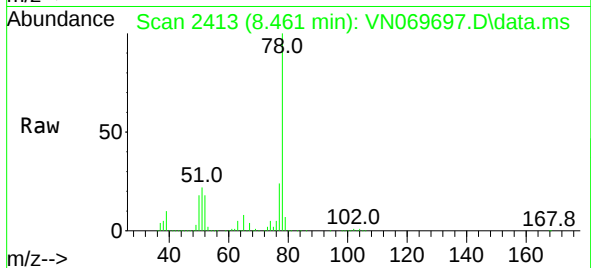
ClientSampleId :

Tgt Ion: 62 Resp: 50529

Ion Ratio Lower Upper

62 100

98 2.7 0.0 17.6



#43

Isopropyl Acetate

Concen: 0.456 ug/l

RT: 8.552 min Scan# 2447

Delta R.T. -0.011 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

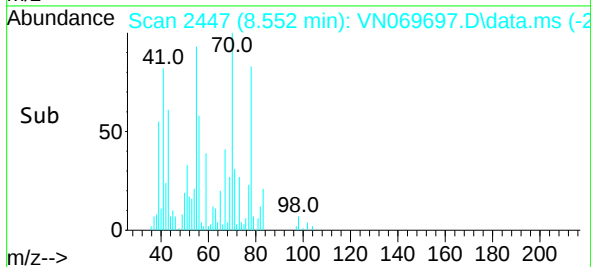
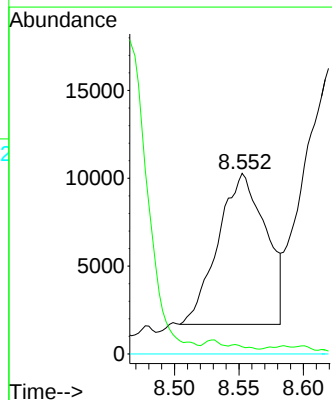
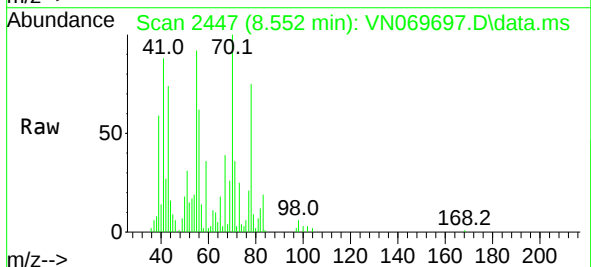
Tgt Ion: 43 Resp: 22224

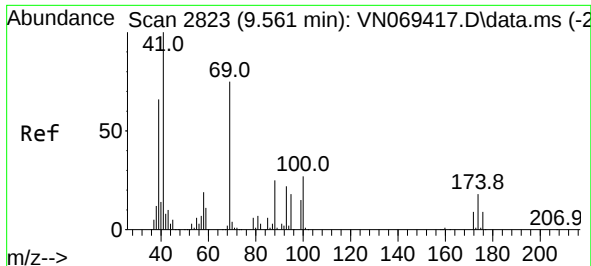
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#

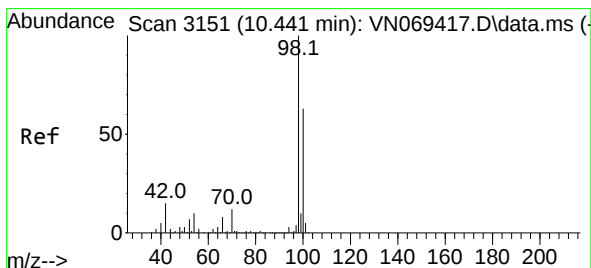
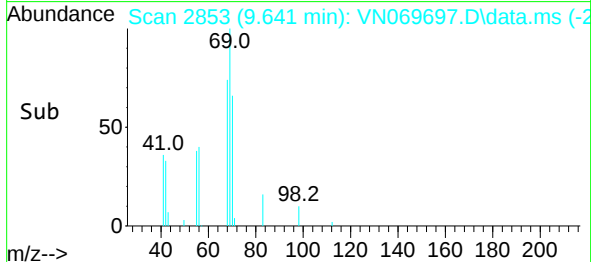
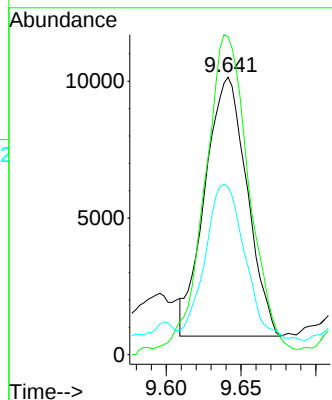
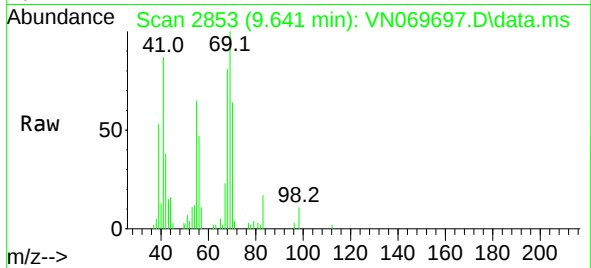




#48
Methyl methacrylate
Concen: 0.807 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.080 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

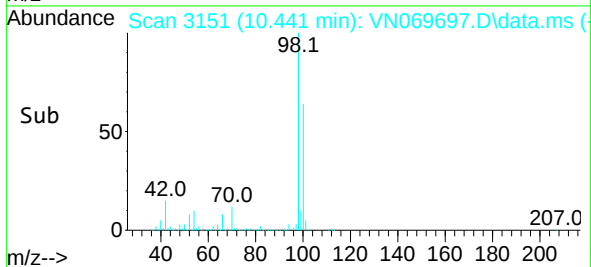
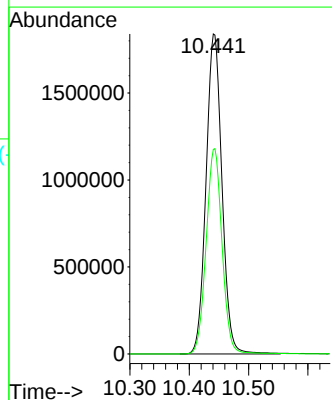
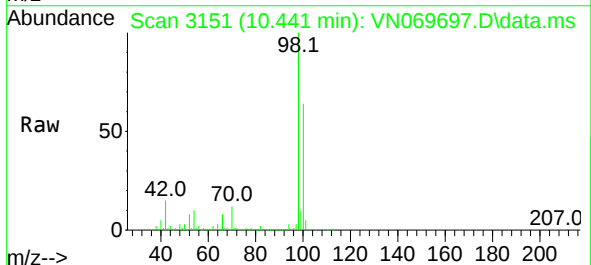
Instrument :
MSVOA_N
ClientSampleId :

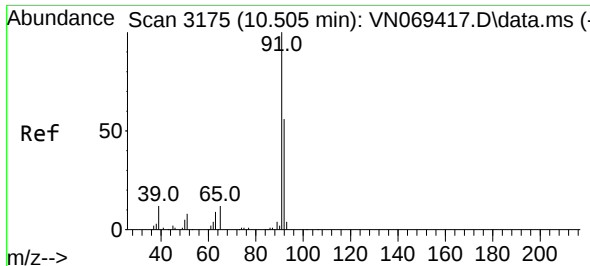
Tgt Ion: 41 Resp: 18491
Ion Ratio Lower Upper
41 100
69 126.3 72.4 108.6#
39 58.4 58.4 87.6



#50
Toluene-d8
Concen: 54.415 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 98 Resp: 3423204
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

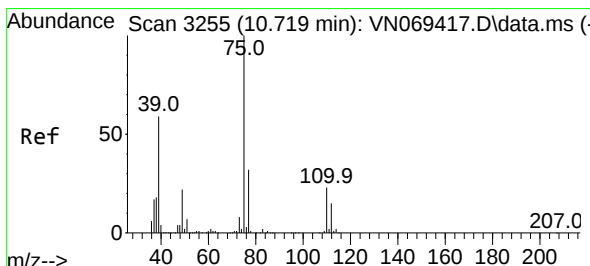
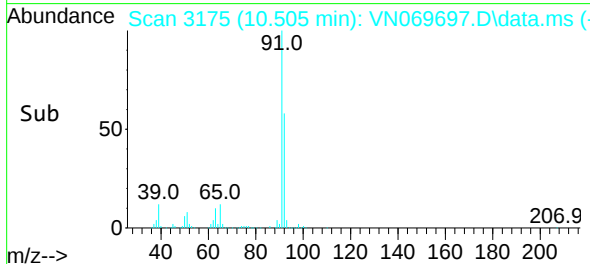
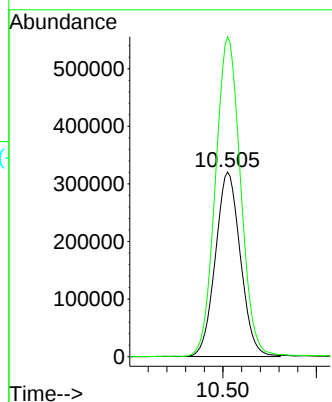
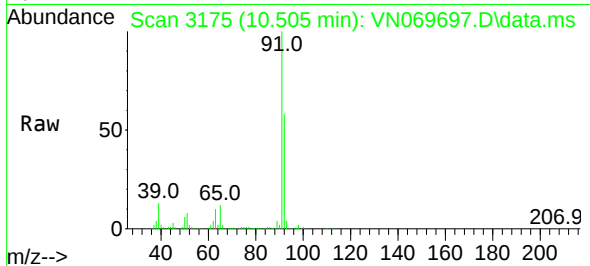




#52
Toluene
Concen: 13.755 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

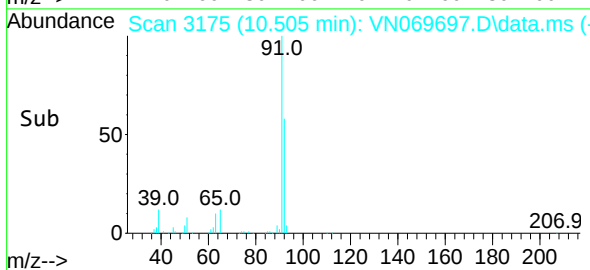
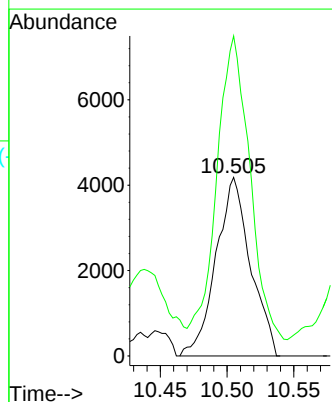
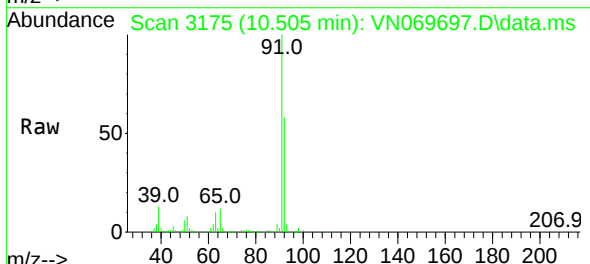
Instrument :
MSVOA_N
ClientSampleId :

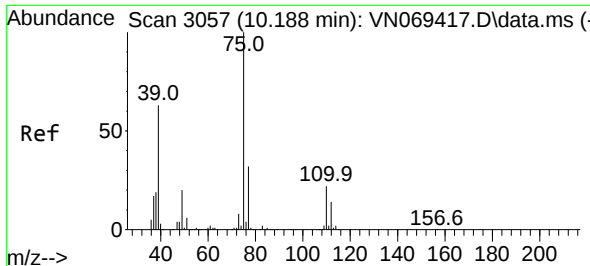
Tgt Ion: 92 Resp: 593554
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.888 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.214 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

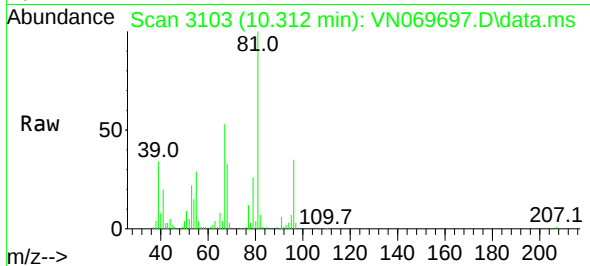
Tgt Ion: 75 Resp: 7527
Ion Ratio Lower Upper
75 100
77 167.1 25.6 38.4#



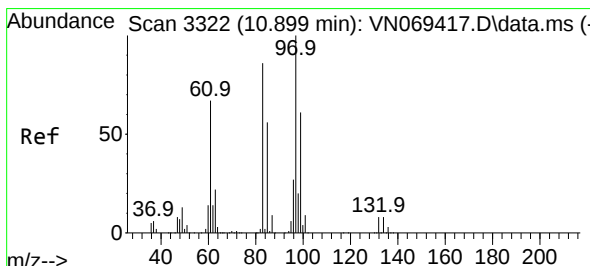
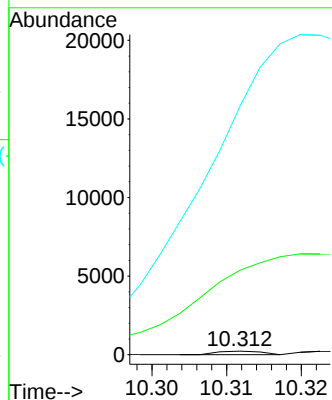
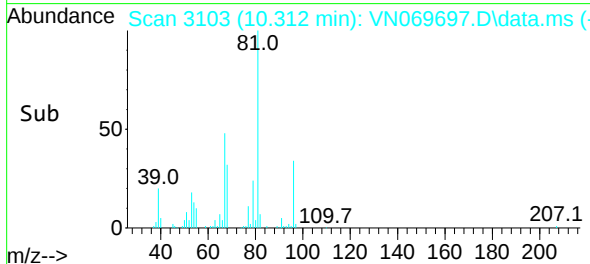


#54
 cis-1,3-Dichloropropene
 Concen: 1.736 ug/l
 RT: 10.312 min Scan# 3103
 Delta R.T. 0.124 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :

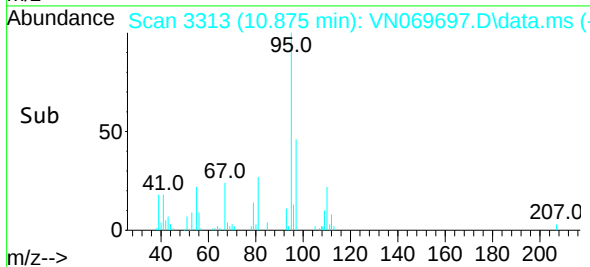
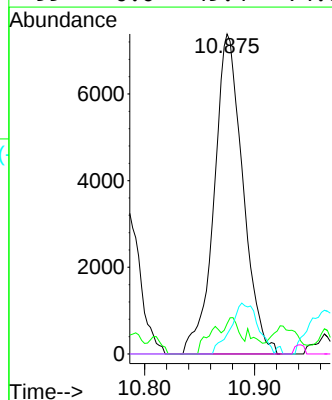
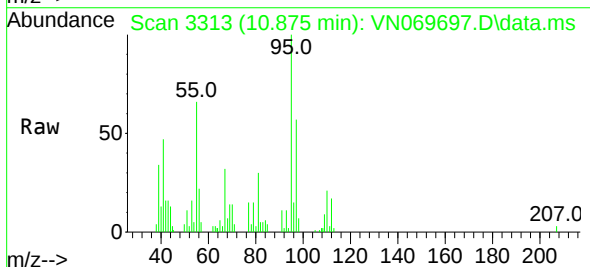


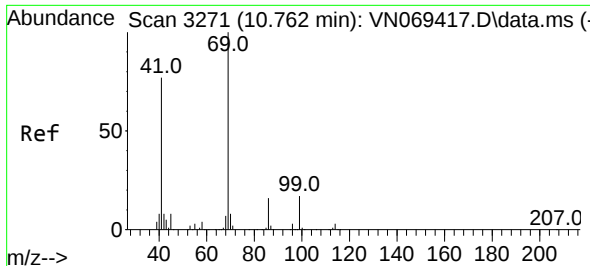
Tgt Ion: 75 Resp: 93
 Ion Ratio Lower Upper
 75 100
 77 1232.7 26.4 39.6#
 39 3295.1 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.769 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. -0.024 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

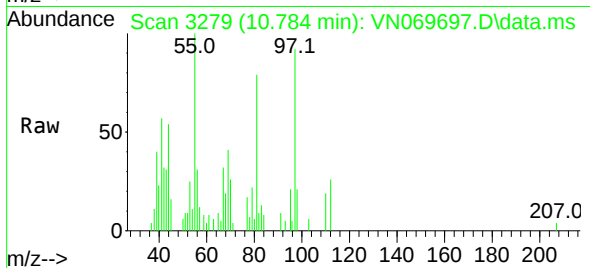
Tgt Ion: 97 Resp: 13380
 Ion Ratio Lower Upper
 97 100
 83 9.5 67.8 101.6#
 85 6.1 45.4 68.2#
 99 0.0 49.4 74.0#



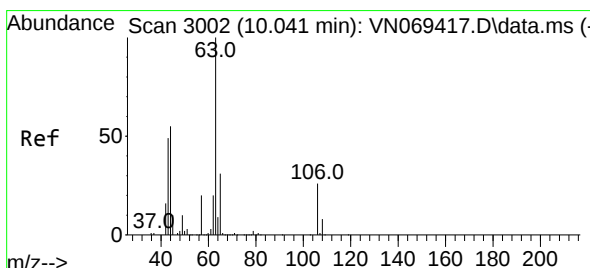
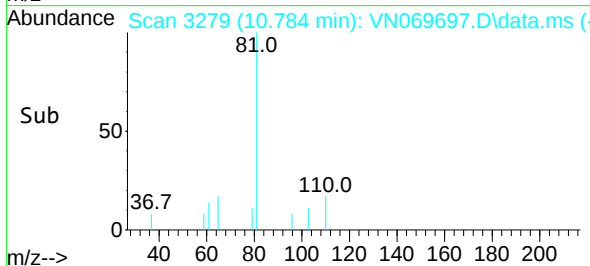
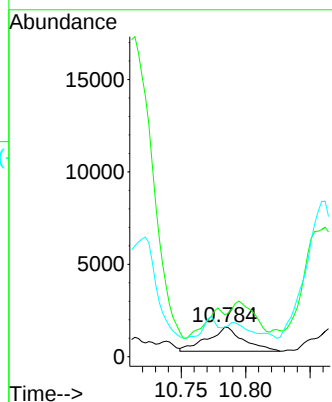


#56
Ethyl methacrylate
Concen: 2.127 ug/l
RT: 10.784 min Scan# 31
Delta R.T. 0.022 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

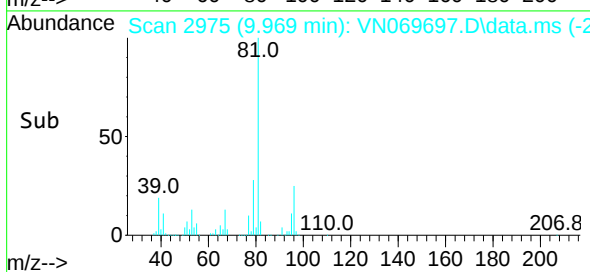
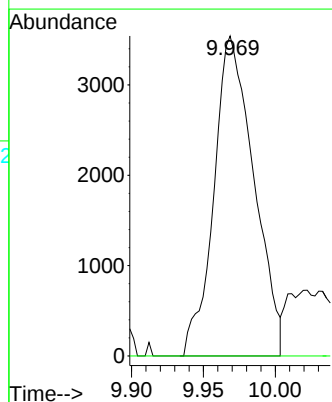
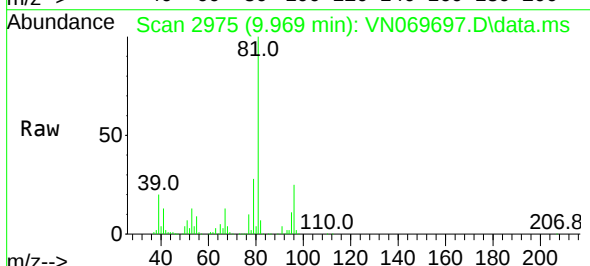


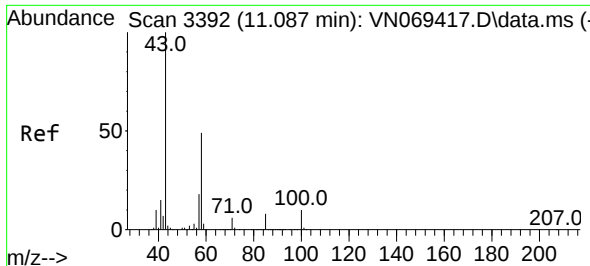
Tgt Ion: 69 Resp: 2523
Ion Ratio Lower Upper
69 100
41 64.6 51.4 77.0
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 23.510 ug/l
RT: 9.969 min Scan# 2975
Delta R.T. -0.072 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 63 Resp: 6865
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

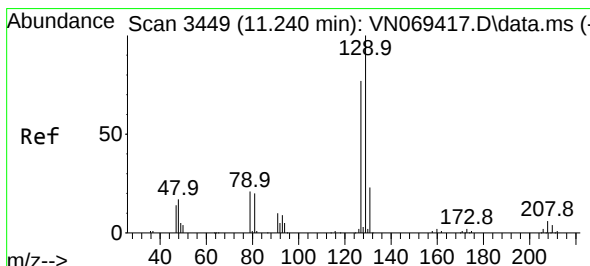
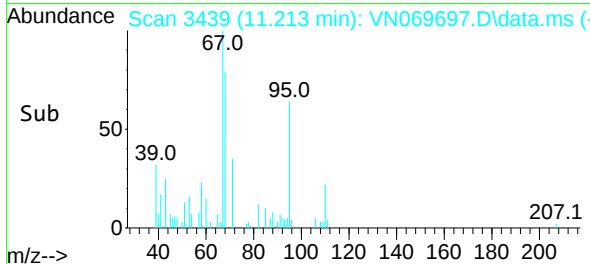
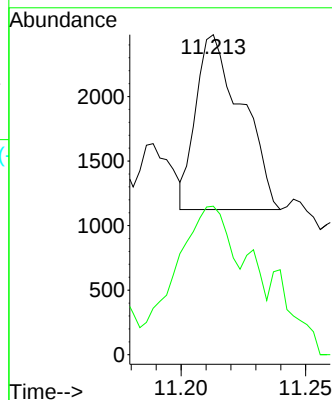
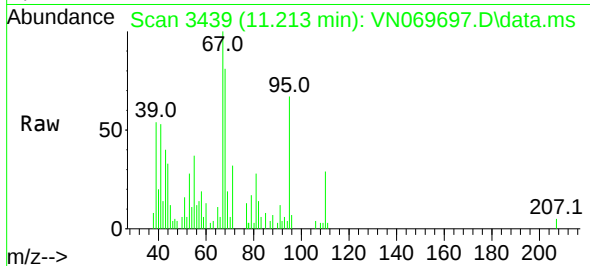




#59
2-Hexanone
Concen: 8.005 ug/l
RT: 11.213 min Scan# 34
Delta R.T. 0.126 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

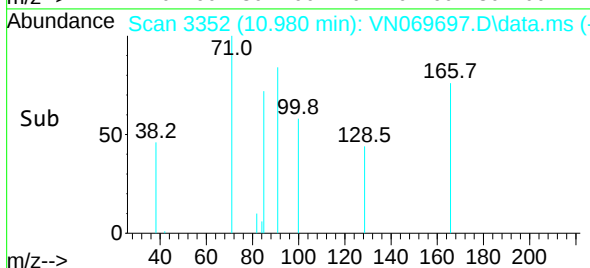
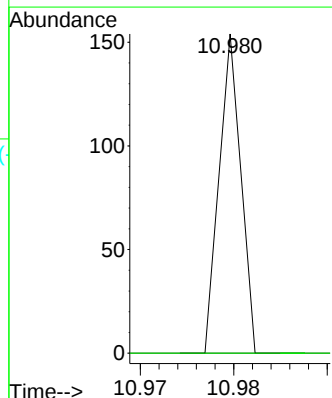
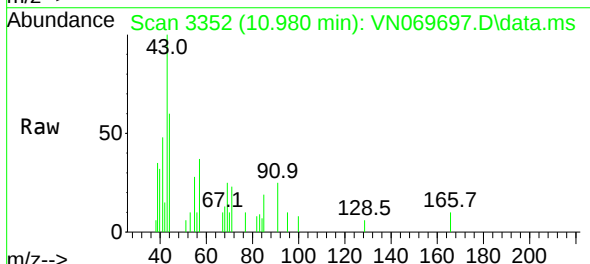
Instrument :
MSVOA_N
ClientSampleId :

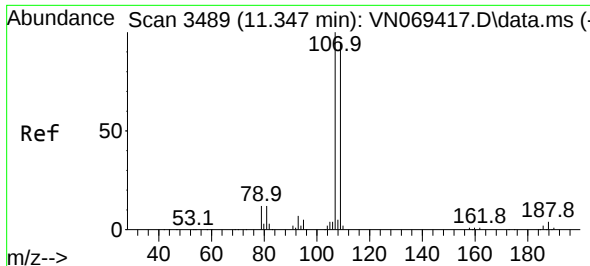
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
58 77.3 26.9 80.7



#60
Dibromochloromethane
Concen: 2.419 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

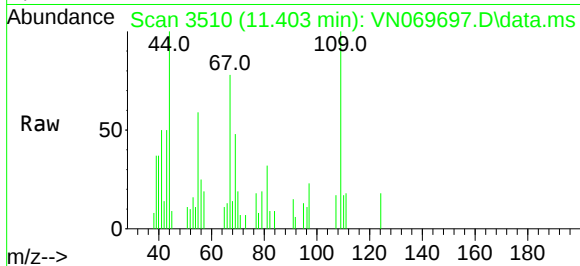
Tgt Ion: 129 Resp: 25
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



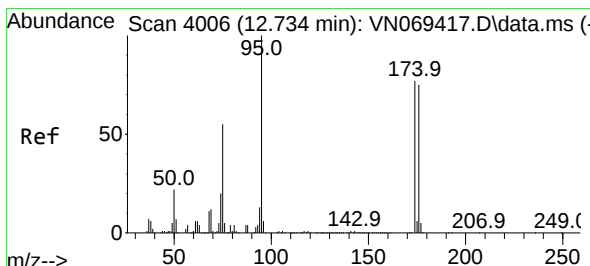
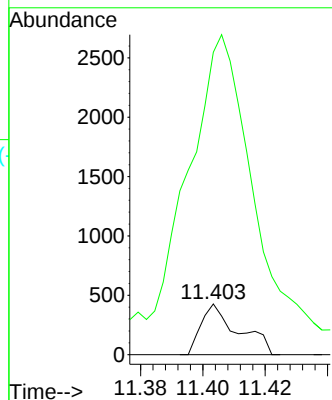
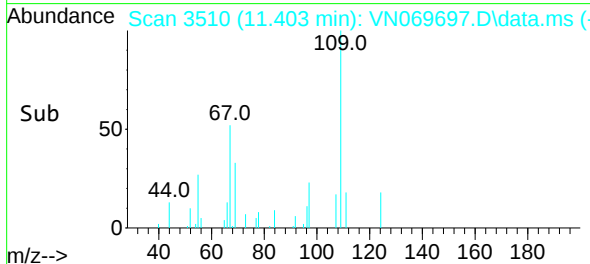


#61
1,2-Dibromoethane
Concen: 1.089 ug/l
RT: 11.403 min Scan# 310
Delta R.T. 0.056 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

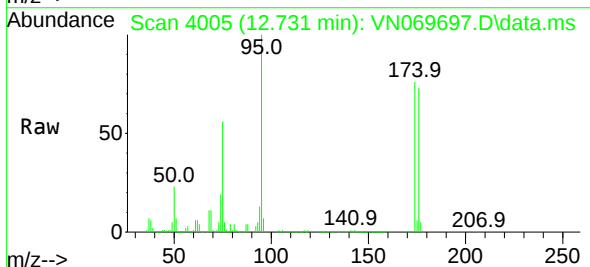
Instrument :
MSVOA_N
ClientSampleId :



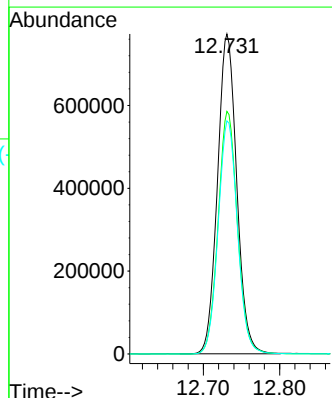
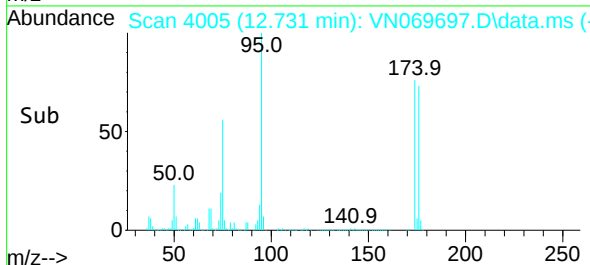
Tgt Ion:107 Resp: 350
Ion Ratio Lower Upper
107 100
109 1240.6 75.7 113.5#

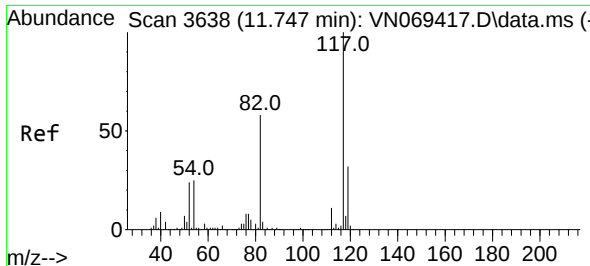


#62
4-Bromofluorobenzene
Concen: 58.502 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03



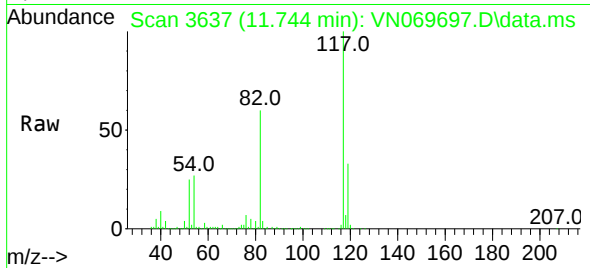
Tgt Ion: 95 Resp: 1352016
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.3 0.0 181.4





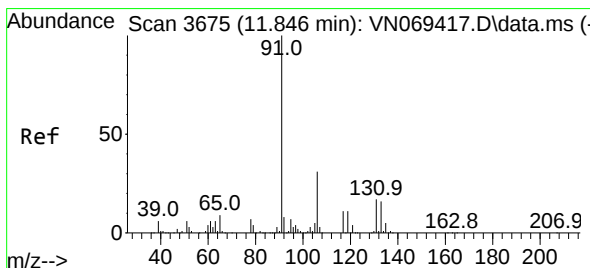
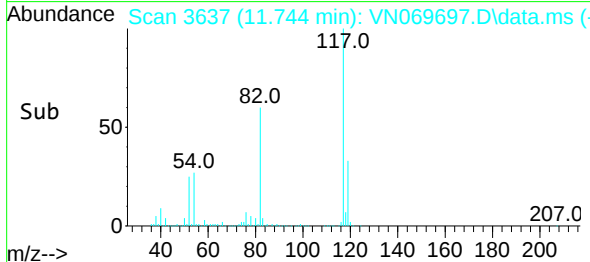
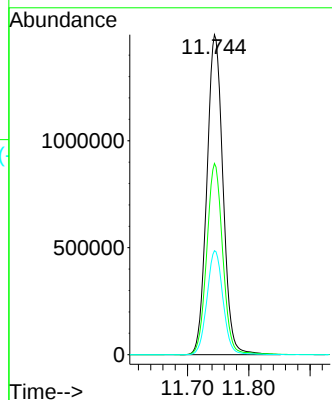
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2733429

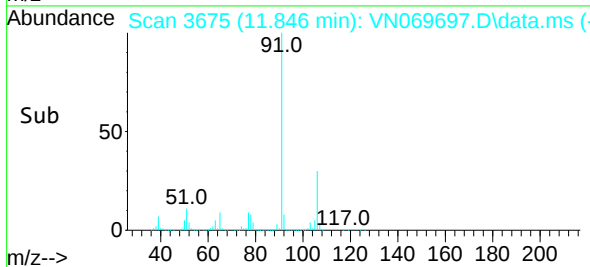
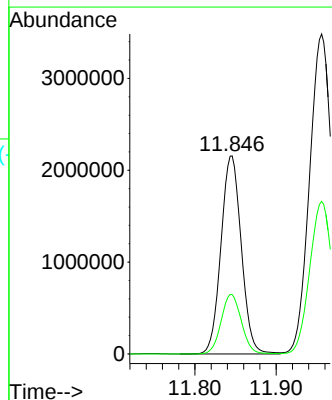
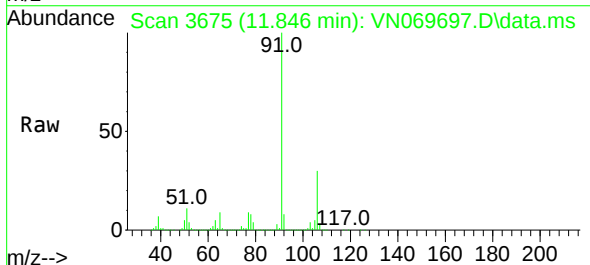
Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.4	63.6
119	32.5	25.4	38.2

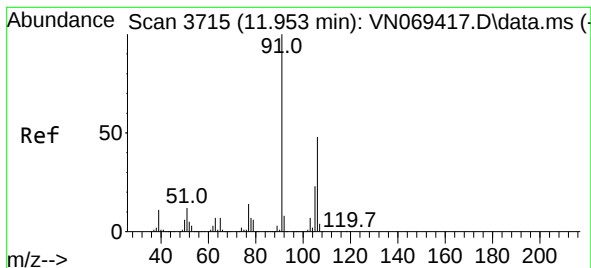


#67
Ethyl Benzene
Concen: 39.902 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 91 Resp: 3744254

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.7	38.5





#68

m/p-Xylenes

Concen: 94.407 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

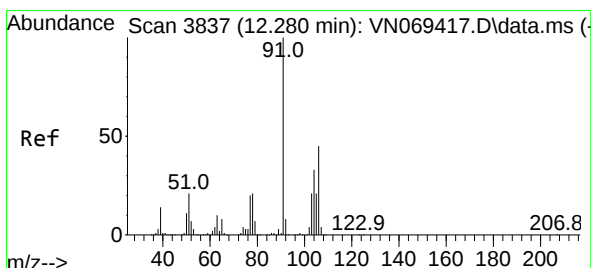
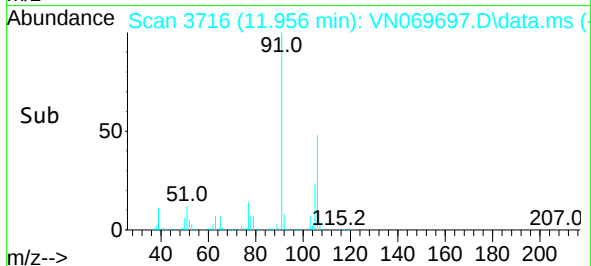
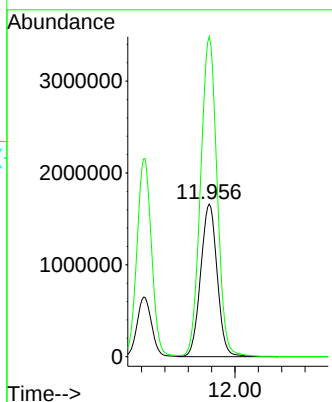
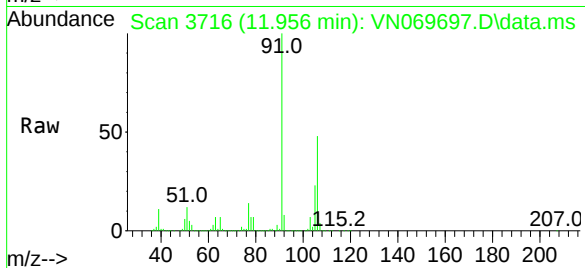
ClientSampleId :

Tgt Ion:106 Resp: 3258166

Ion Ratio Lower Upper

106 100

91 210.2 160.6 240.8



#69

o-Xylene

Concen: 17.125 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. 0.000 min

Lab File: VN069697.D

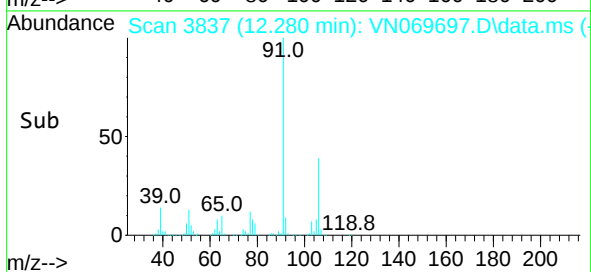
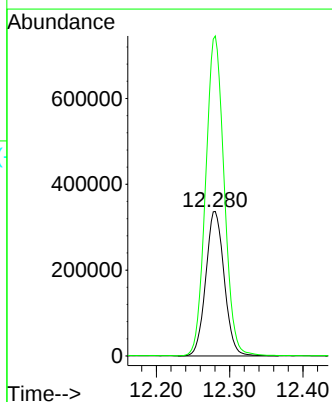
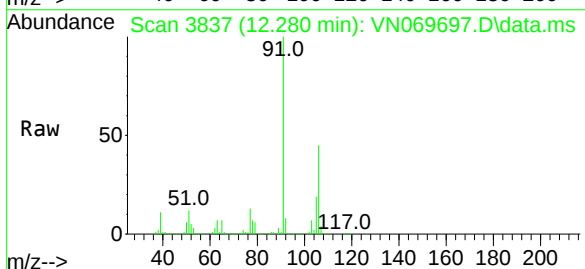
Acq: 1 Dec 2021 18:03

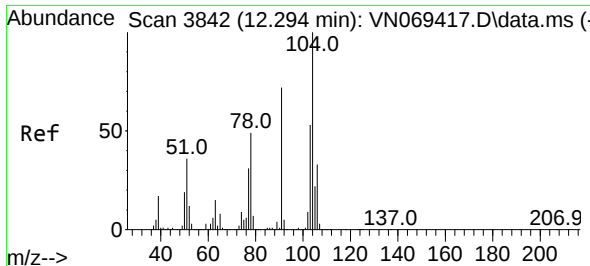
Tgt Ion:106 Resp: 589196

Ion Ratio Lower Upper

106 100

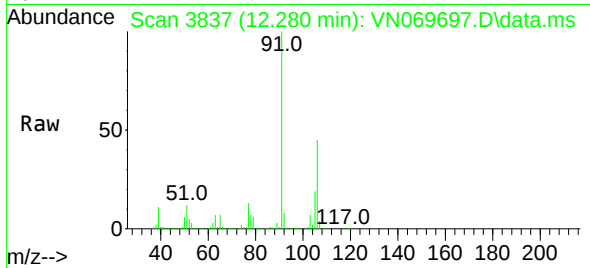
91 221.9 105.8 317.3



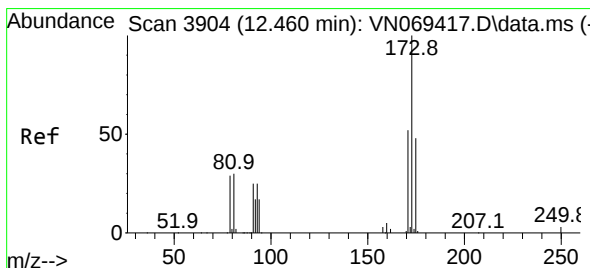
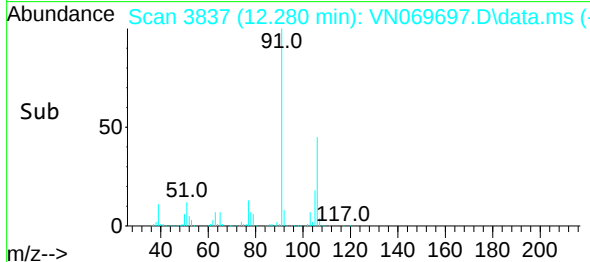
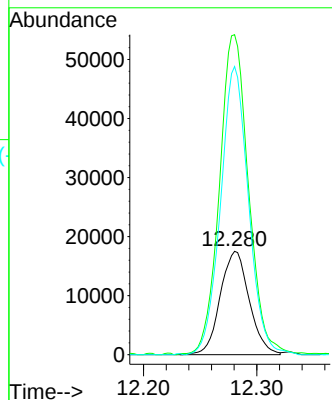


#70
Styrene
Concen: 2.009 ug/l
RT: 12.280 min Scan# 31163
Delta R.T. -0.014 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

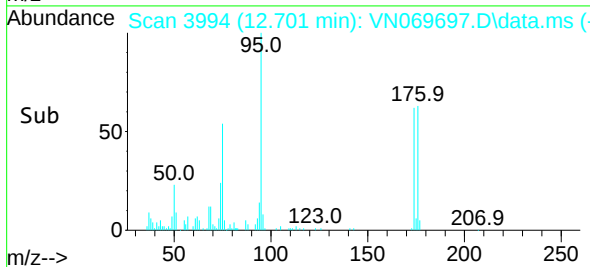
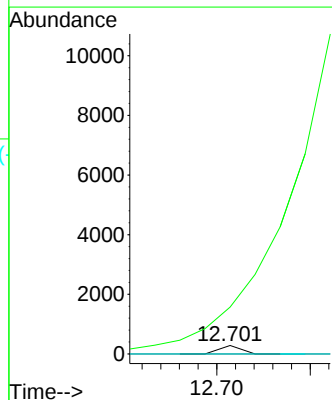
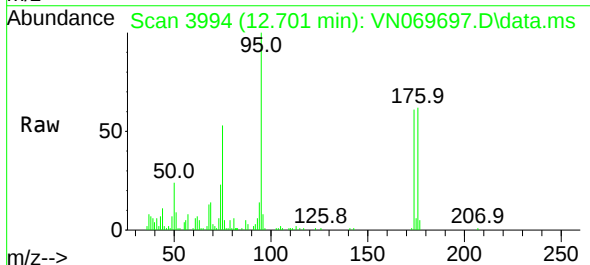


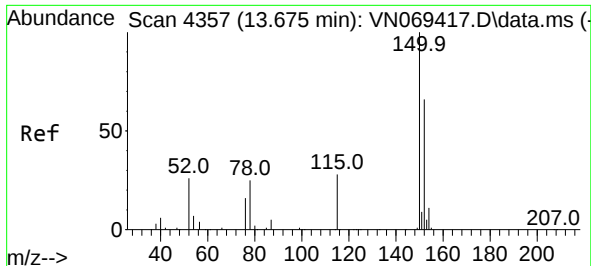
Tgt Ion:104 Resp: 31163
Ion Ratio Lower Upper
104 100
78 309.9 38.7 58.1#
103 268.4 45.0 67.6#



#71
Bromoform
Concen: 3.431 ug/l
RT: 12.701 min Scan# 3994
Delta R.T. 0.241 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

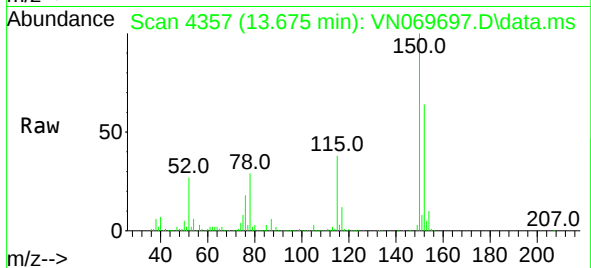
Tgt Ion:173 Resp: 46
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





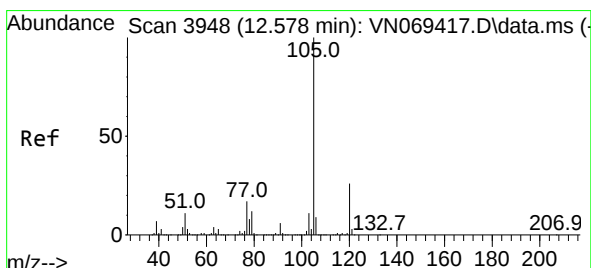
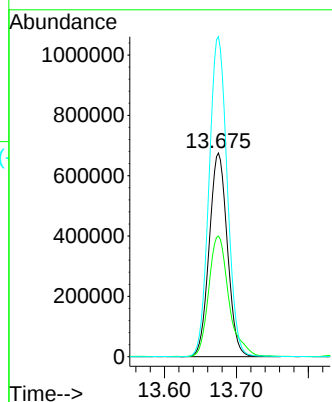
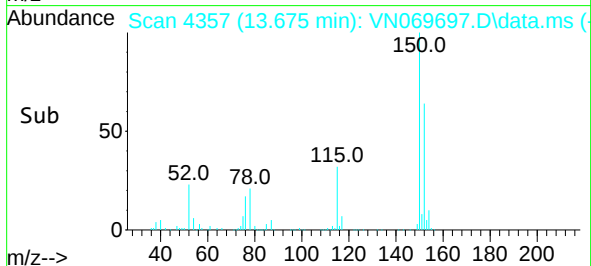
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :

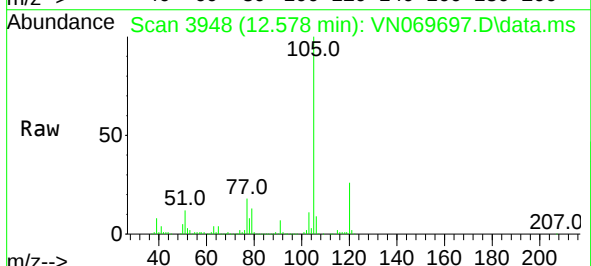


Tgt Ion:152 Resp: 1182577

Ion	Ratio	Lower	Upper
152	100		
115	65.8	27.5	82.5
150	157.7	0.0	344.4

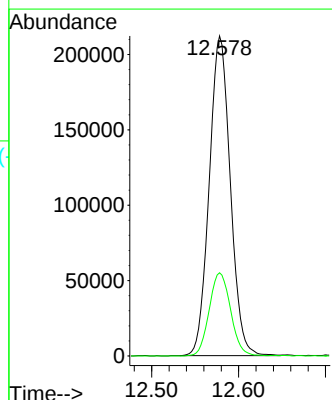
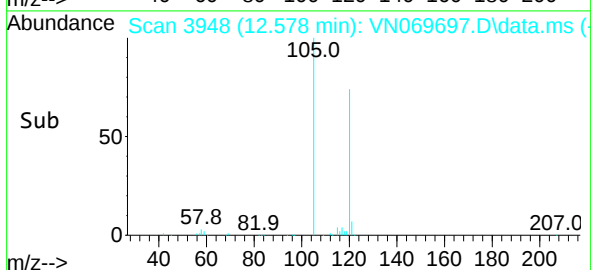


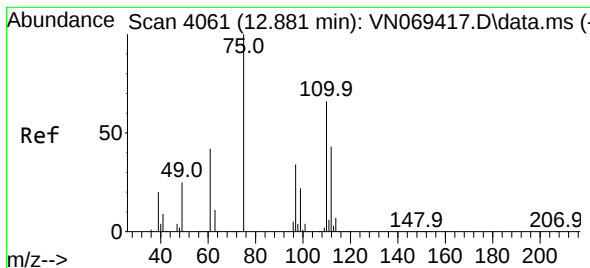
#73
 Isopropylbenzene
 Concen: 3.794 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. 0.000 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03



Tgt Ion:105 Resp: 357249

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.1





#76

1,2,3-Trichloropropane

Concen: 27.412 ug/l

RT: 12.731 min Scan# 40

Delta R.T. -0.150 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

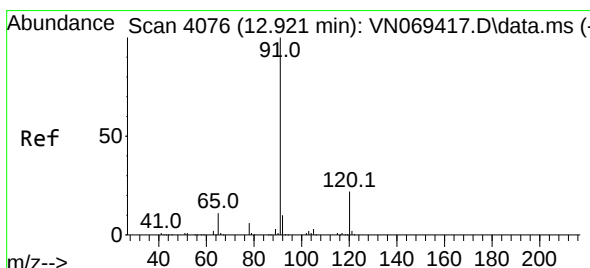
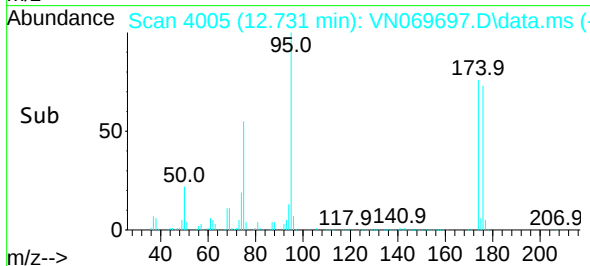
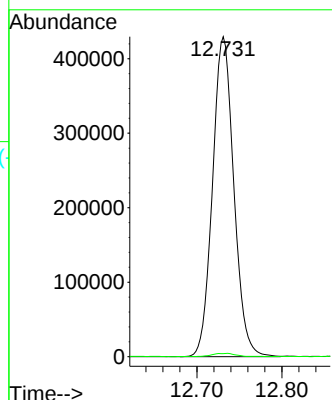
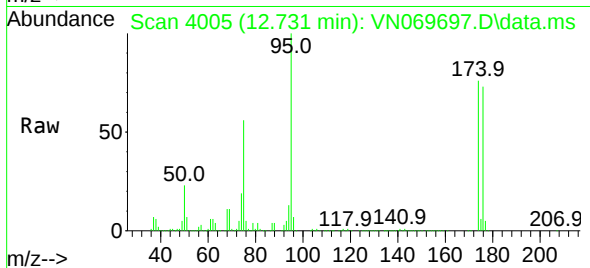
ClientSampleId :

Tgt Ion: 75 Resp: 748098

Ion Ratio Lower Upper

75 100

77 1.0 82.6 247.8#



#78

n-propylbenzene

Concen: 6.953 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.002 min

Lab File: VN069697.D

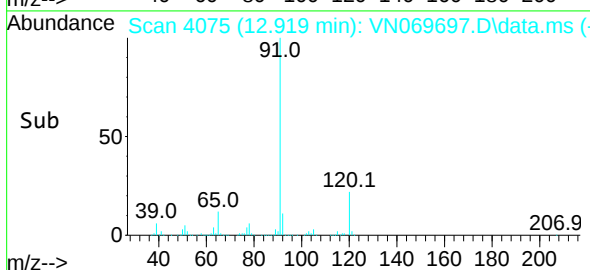
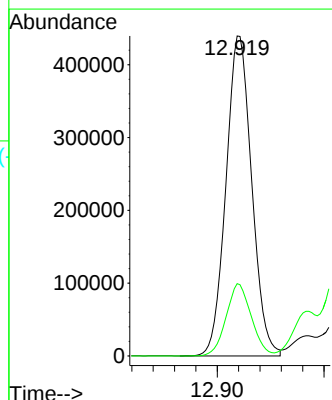
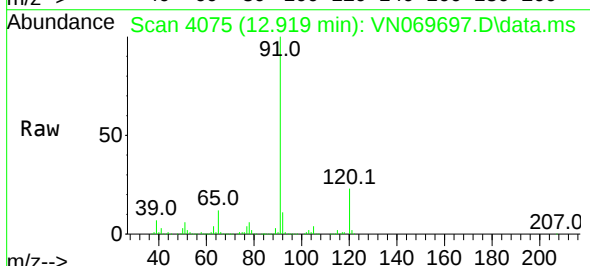
Acq: 1 Dec 2021 18:03

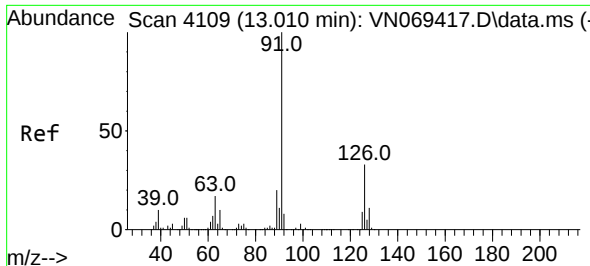
Tgt Ion: 91 Resp: 736630

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.9

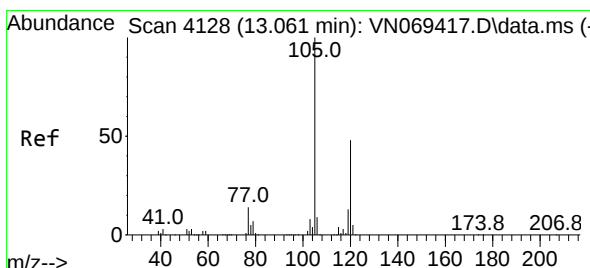
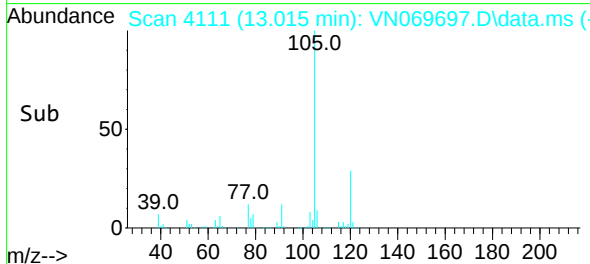
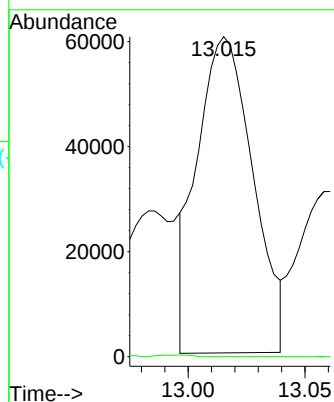
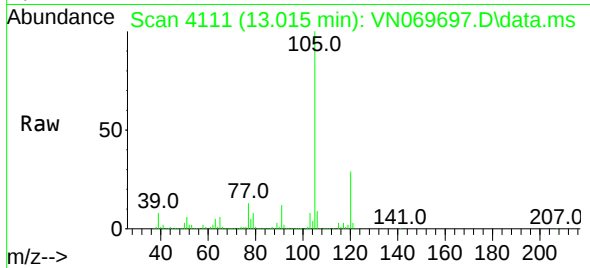




#79
2-Chlorotoluene
Concen: 1.526 ug/l
RT: 13.015 min Scan# 4109
Delta R.T. 0.005 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

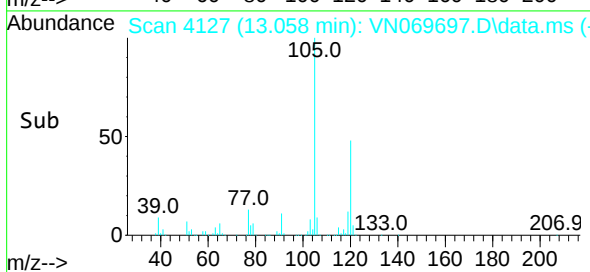
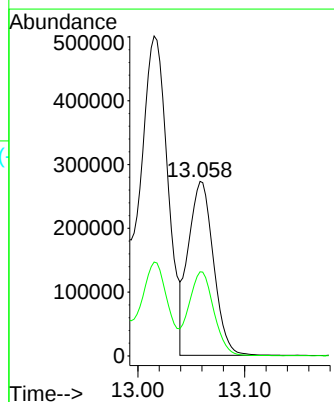
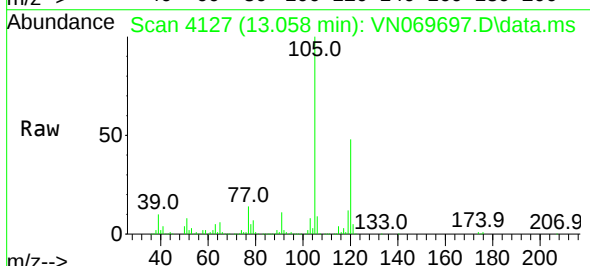
Instrument :
MSVOA_N
ClientSampleId :

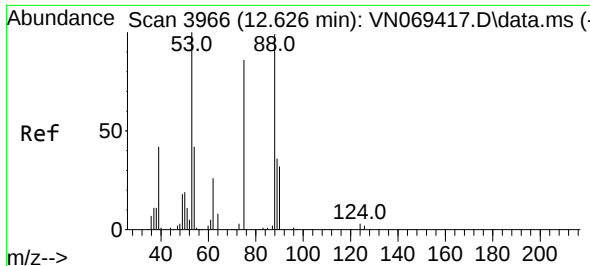
Tgt Ion: 91 Resp: 100080
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 5.872 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

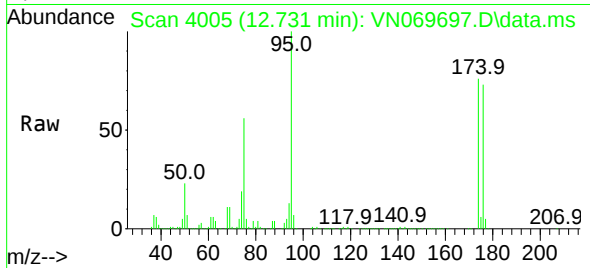
Tgt Ion: 105 Resp: 447002
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6



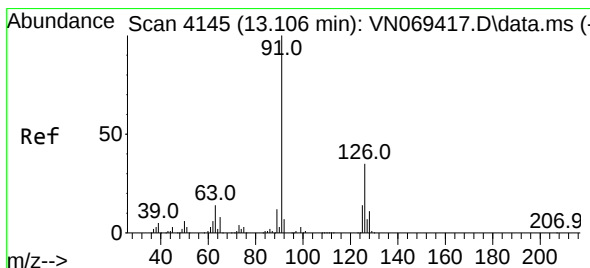
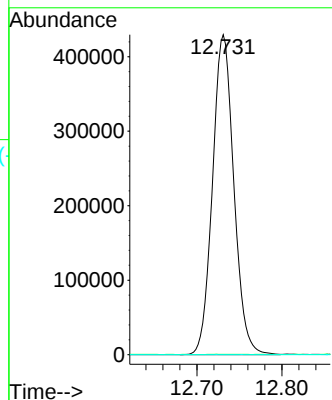
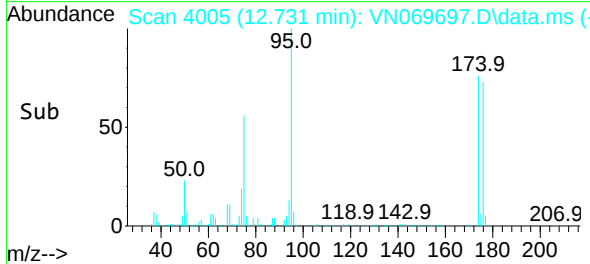


#81
trans-1,4-Dichloro-2-butene
Concen: 77.939 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

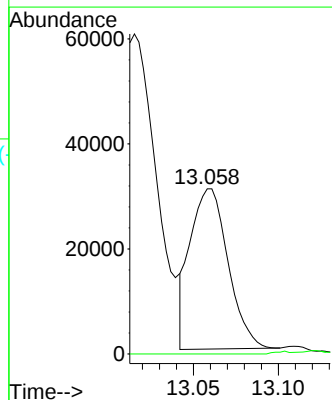
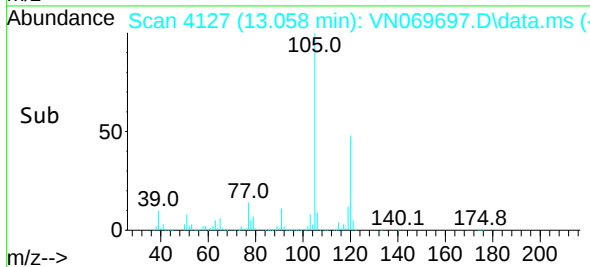
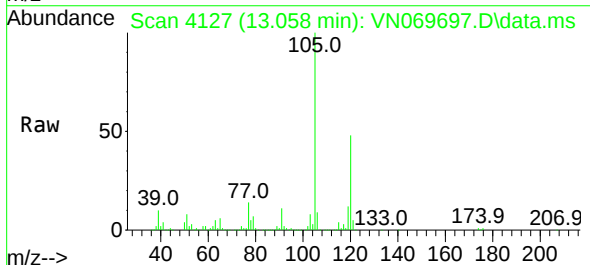


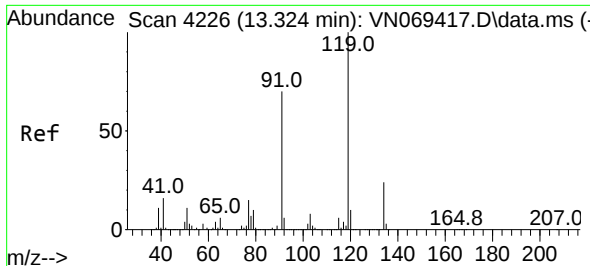
Tgt Ion: 75 Resp: 748098
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.755 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.048 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion: 91 Resp: 47183
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

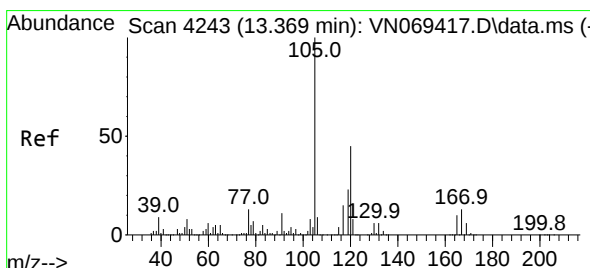
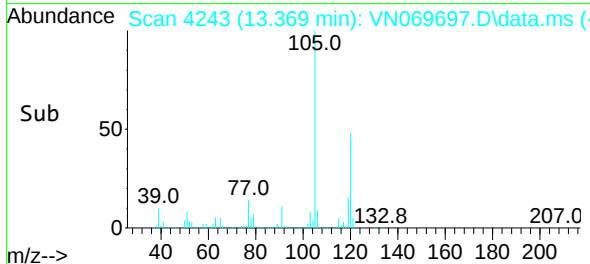
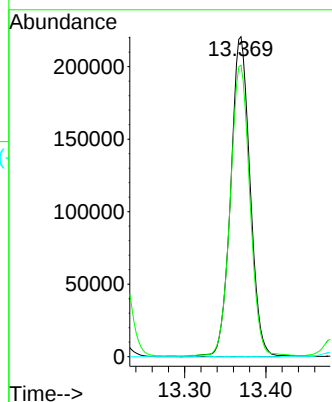
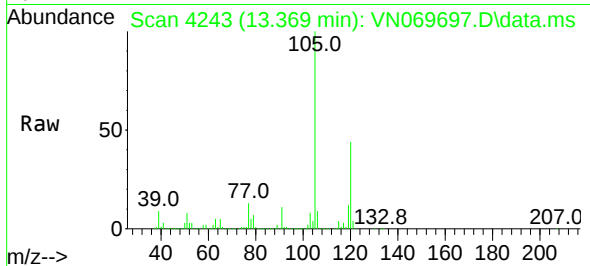




#83
tert-Butylbenzene
Concen: 5.462 ug/l
RT: 13.369 min Scan# 421
Delta R.T. 0.045 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

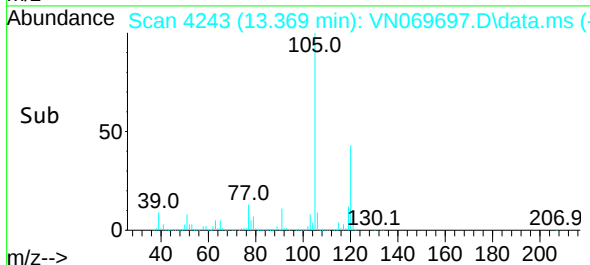
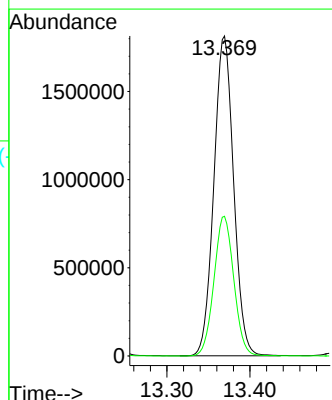
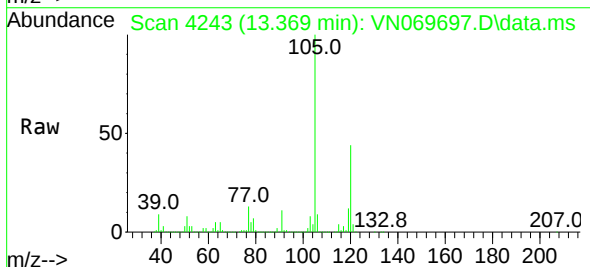
Instrument :
MSVOA_N
ClientSampleId :

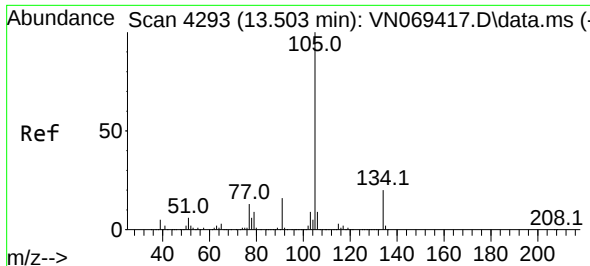
Tgt Ion:119 Resp: 364335
Ion Ratio Lower Upper
119 100
91 92.2 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 40.759 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

Tgt Ion:105 Resp: 2995175
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4

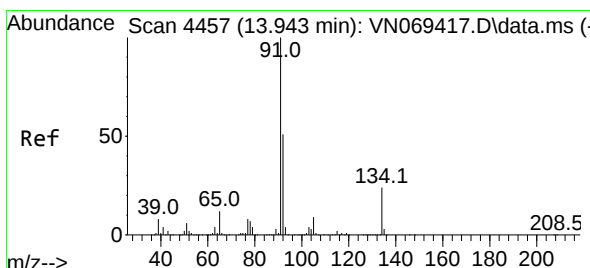
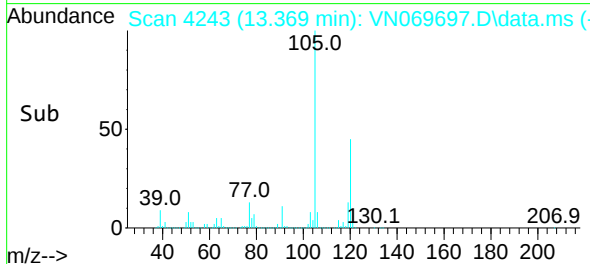
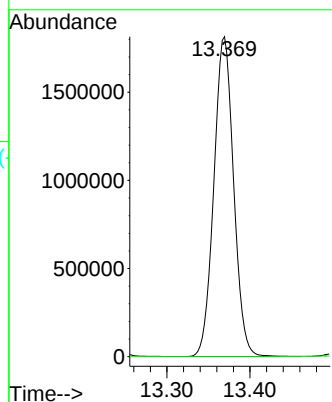
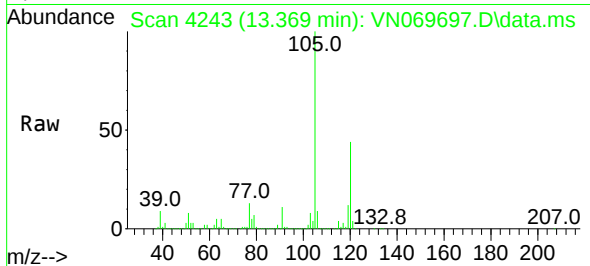




#85
 sec-Butylbenzene
 Concen: 32.144 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. -0.134 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

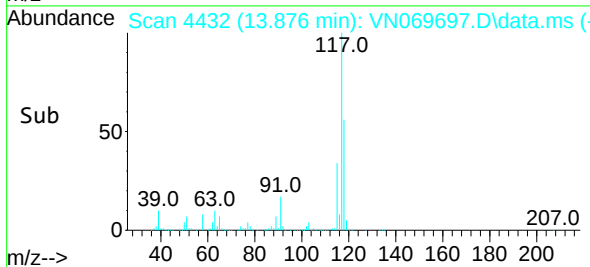
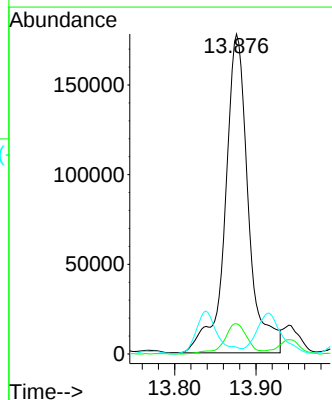
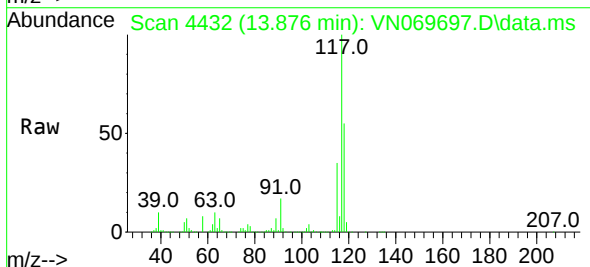
Instrument :
 MSVOA_N
 ClientSampleId :

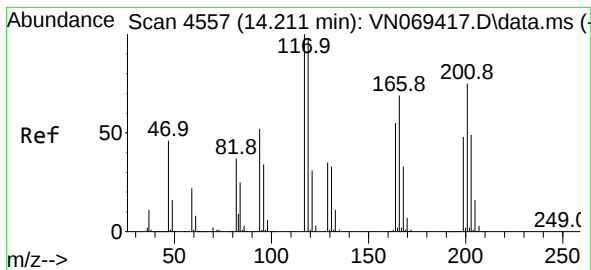
Tgt Ion:105 Resp: 2995175
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 5.701 ug/l
 RT: 13.876 min Scan# 4432
 Delta R.T. -0.067 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Tgt Ion: 91 Resp: 351670
 Ion Ratio Lower Upper
 91 100
 92 9.6 25.4 76.0#
 134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 4.132 ug/l

RT: 14.214 min Scan# 4

Delta R.T. 0.003 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

Instrument :

MSVOA_N

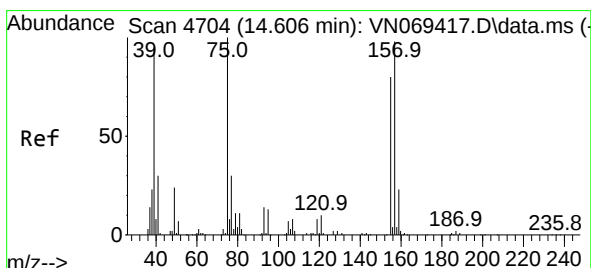
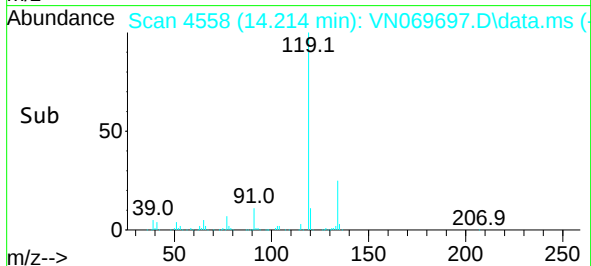
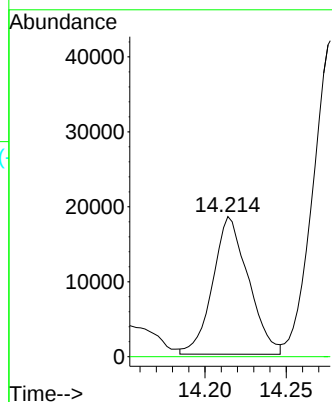
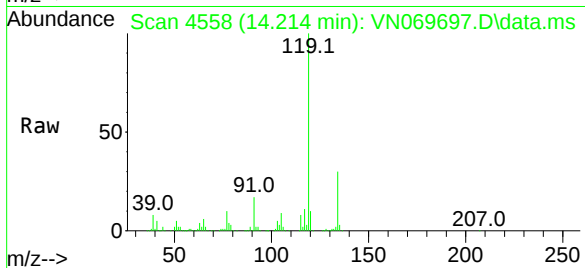
ClientSampleId :

Tgt Ion:117 Resp: 27990

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.086 ug/l

RT: 14.579 min Scan# 4694

Delta R.T. -0.027 min

Lab File: VN069697.D

Acq: 1 Dec 2021 18:03

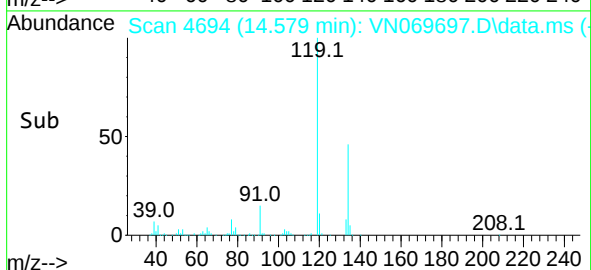
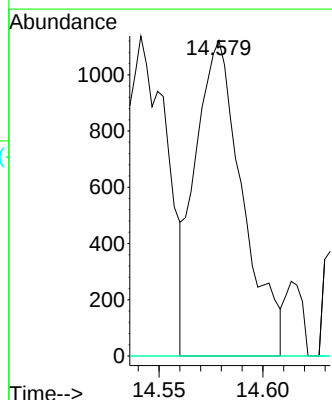
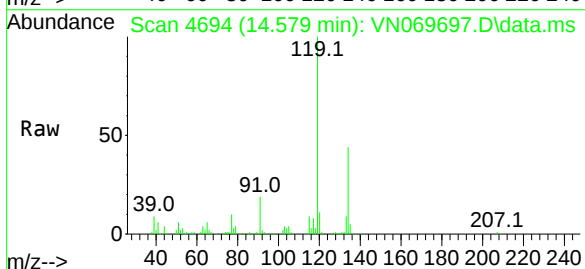
Tgt Ion: 75 Resp: 1771

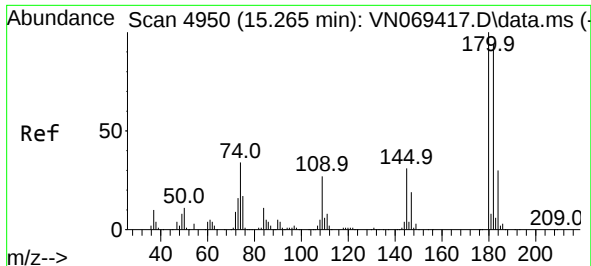
Ion Ratio Lower Upper

75 100

155 0.0 46.9 140.7#

157 0.0 60.6 181.7#

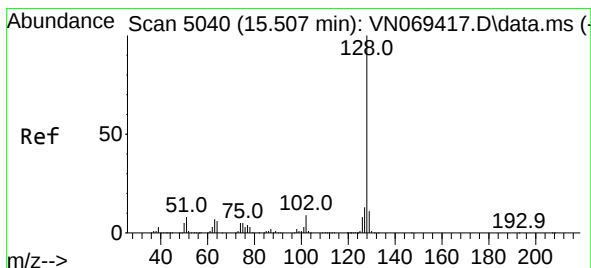
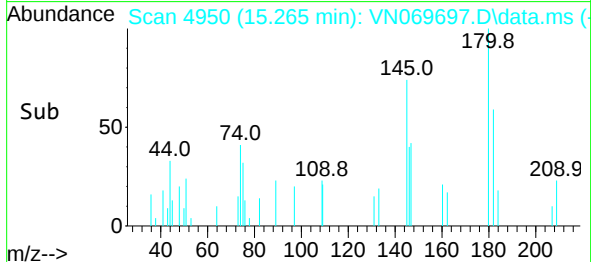
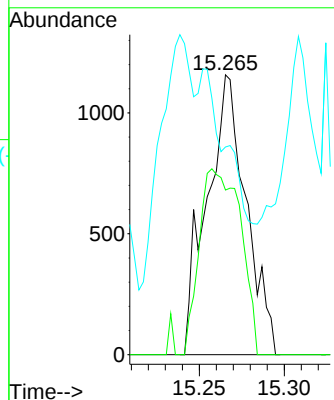
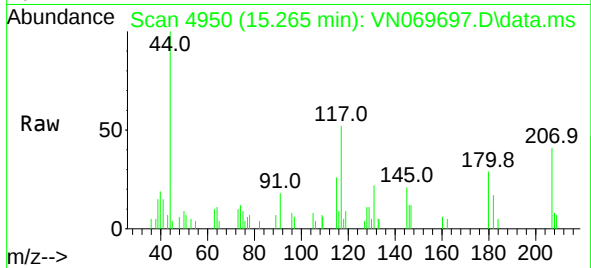




#93
1,2,4-Trichlorobenzene
Concen: 3.207 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

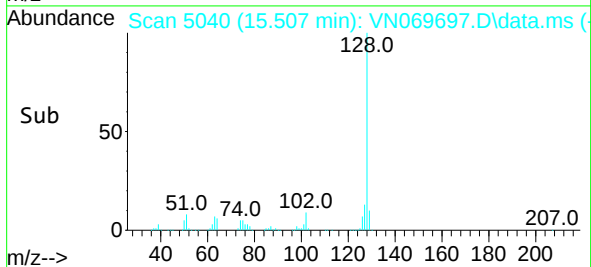
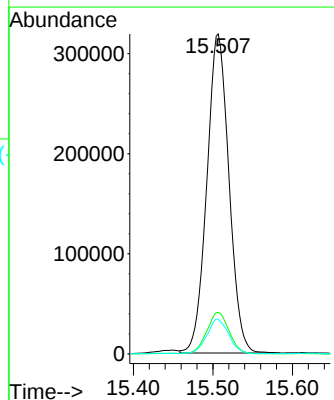
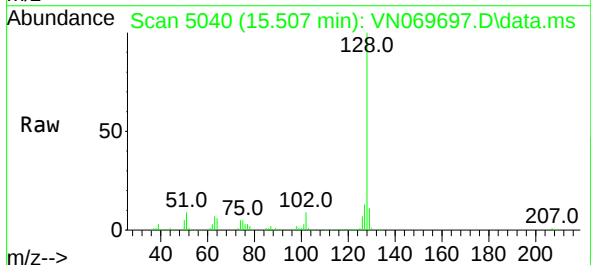
Instrument :
MSVOA_N
ClientSampleId :

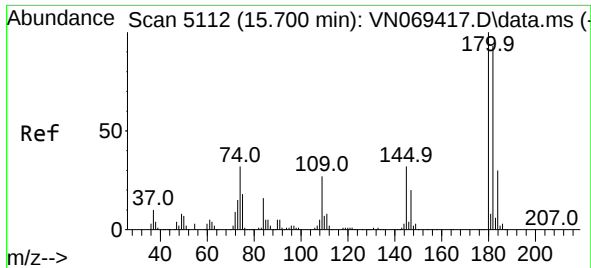
Tgt Ion:180 Resp: 1854
Ion Ratio Lower Upper
180 100
182 70.0 48.3 144.9
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 15.143 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069697.D
Acq: 1 Dec 2021 18:03

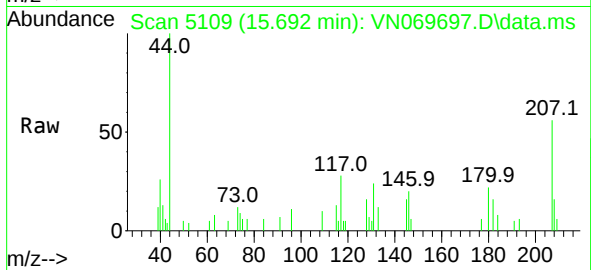
Tgt Ion:128 Resp: 616153
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.192 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN069697.D
 Acq: 1 Dec 2021 18:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 426
 Ion Ratio Lower Upper
 180 100
 182 428.2 47.4 142.2#
 145 281.5 15.0 45.1#

