

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069691.D
 Acq On : 1 Dec 2021 14:58
 Operator : JC/MD
 Sample : PB141086TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 07:25:48 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	1420442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.968	114	2464403	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.744	117	2510732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	949373	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.440	65	1045082	50.743	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.480%	
35) Dibromofluoromethane		8.024	113	728323	49.276	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.560%	
50) Toluene-d8		10.440	98	3134495	53.921	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.840%	
62) 4-Bromofluorobenzene		12.731	95	1161862	54.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.820%	
Target Compounds							
						Qvalue	
11) Tert butyl alcohol		5.382	59	9058	2.441	ug/l #	93
13) Acrolein		4.041	56	1514	Below Cal	#	77
16) Acetone		4.296	43	96797	8.711	ug/l	97
18) Methyl Acetate		4.859	43	12170	0.337	ug/l #	65
20) Methylene Chloride		5.098	84	66823	4.241	ug/l #	83
25) 2-Butanone		7.345	43	131439	8.735	ug/l	90
29) Tetrahydrofuran		7.697	42	10542	1.142	ug/l #	66
31) Cyclohexane		8.083	56	36337	1.291	ug/l #	33
36) 1,1-Dichloropropene		8.088	75	119470	5.761	ug/l #	49
37) Ethyl Acetate		7.345	43	131439	4.689	ug/l #	69
38) Carbon Tetrachloride		8.088	117	147553	7.370	ug/l #	16
43) Isopropyl Acetate		8.563	43	155766	3.460	ug/l #	86
48) Methyl methacrylate		9.545	41	46563	2.198	ug/l #	10
49) 1,4-Dioxane		9.574	88	936	41.201	ug/l #	27
51) 4-Methyl-2-Pentanone		10.331	43	33741	1.161	ug/l #	83
52) Toluene		10.502	92	14917	0.374	ug/l	96
53) t-1,3-Dichloropropene		10.711	75	489	2.655	ug/l #	71
54) cis-1,3-Dichloropropene		10.242	75	205877	8.909	ug/l #	71
56) Ethyl methacrylate		10.765	69	3168	2.153	ug/l #	24
57) 1,3-Dichloropropane		11.089	76	121578	4.304	ug/l #	43
58) 2-Chloroethyl Vinyl ether		10.038	63	138	22.786	ug/l #	45
59) 2-Hexanone		11.089	43	2219124	95.505	ug/l #	49
60) Dibromochloromethane		11.240	129	453	2.442	ug/l #	24
61) 1,2-Dibromoethane		11.352	107	466	1.097	ug/l #	60
70) Styrene		12.294	104	4783	1.602	ug/l	93
71) Bromoform		12.463	173	293	3.447	ug/l #	29
74) N-amyl acetate		12.390	43	18781	0.586	ug/l #	92
76) 1,2,3-Trichloropropane		12.731	75	645952	29.483	ug/l #	1
80) 1,3,5-Trimethylbenzene		13.058	105	13733	0.225	ug/l	95
81) trans-1,4-Dichloro-2-b...		12.731	75	645952	83.390	ug/l #	5
87) 1,3-Dichlorobenzene		13.616	146	7914	0.264	ug/l	94
88) 1,4-Dichlorobenzene		13.616	146	7914	0.269	ug/l	94
89) n-Butylbenzene		13.943	91	19474	0.393	ug/l	96
90) Hexachloroethane		14.214	117	121	2.173	ug/l	55
91) 1,2-Dichlorobenzene		13.986	146	8082	0.283	ug/l	93
92) 1,2-Dibromo-3-Chloropr...		14.603	75	1773	2.157	ug/l	60

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Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

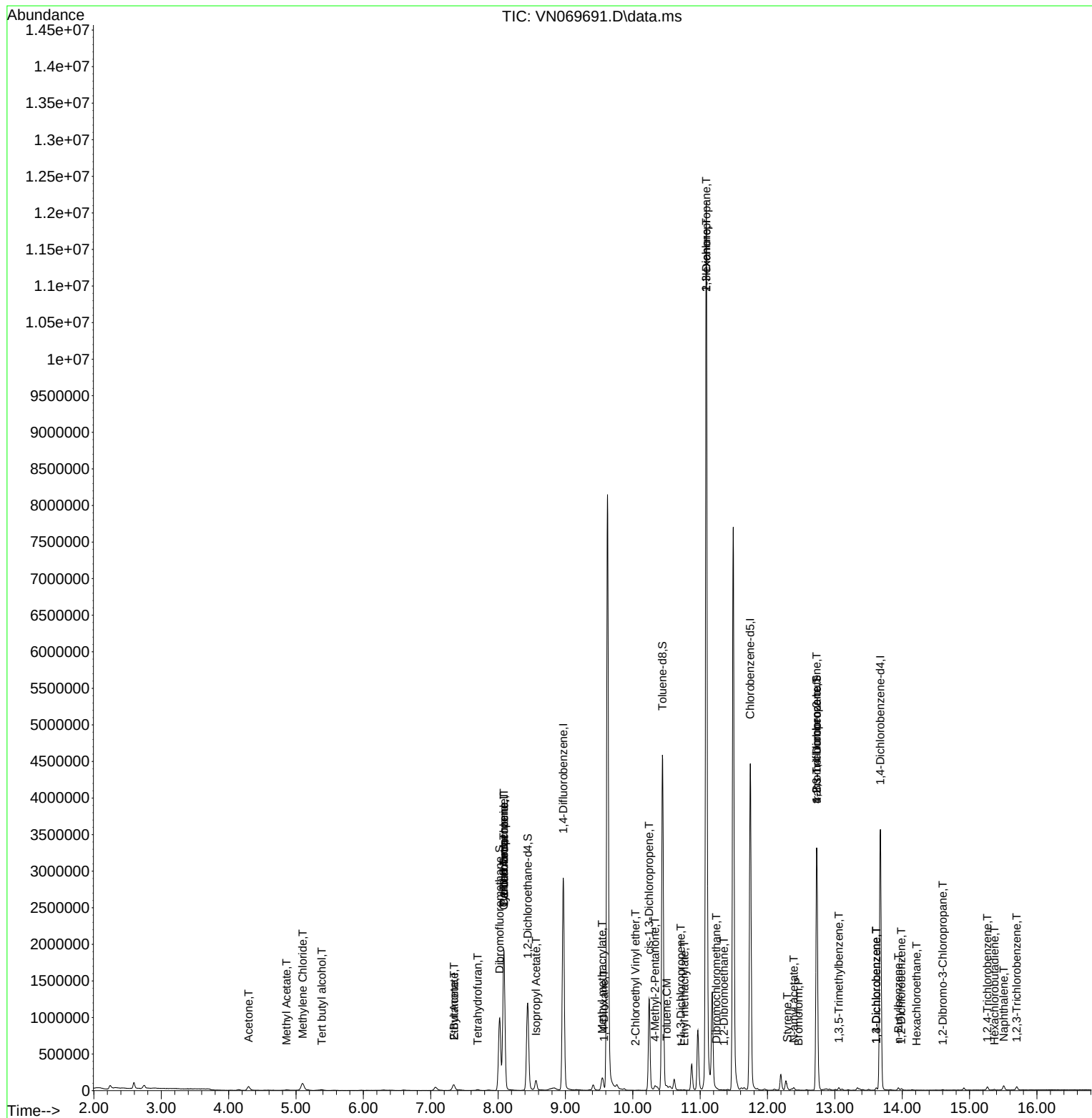
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.265	180	12889	3.922	ug/l	95
94) Hexachlorobutadiene	15.370	225	1734	0.234	ug/l	85
95) Naphthalene	15.507	128	54355	5.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	15176	4.164	ug/l	98

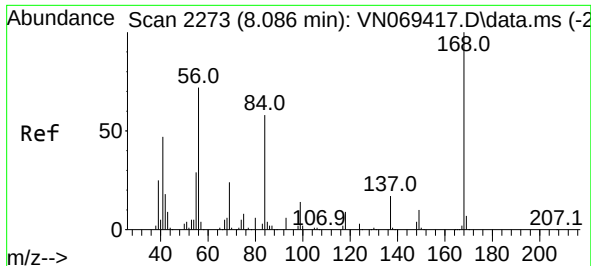
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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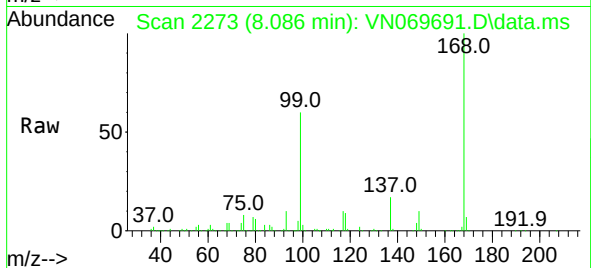
Quant Time: Dec 02 07:25:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
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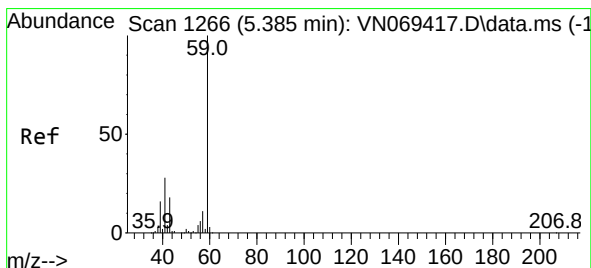
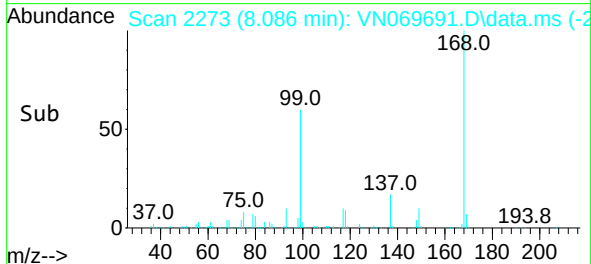
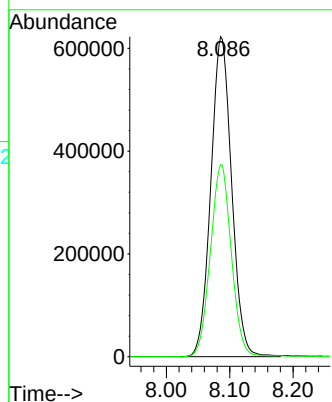


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

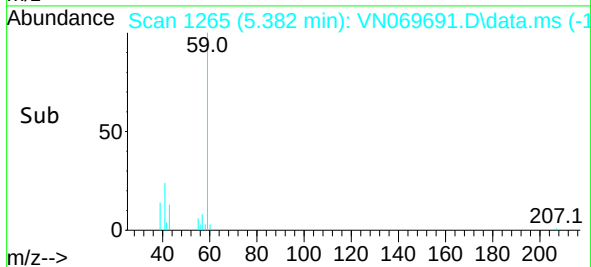
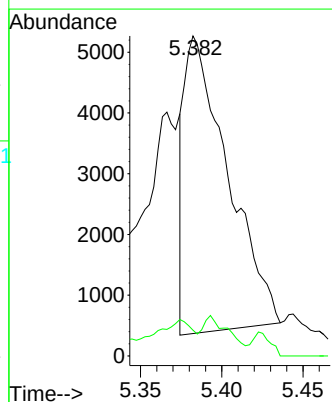
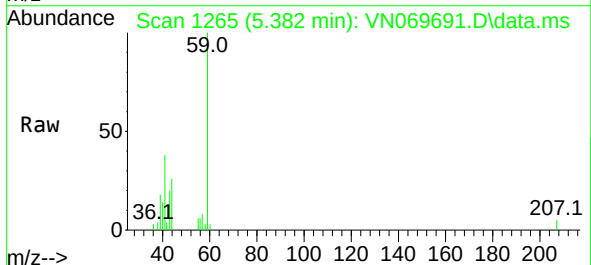


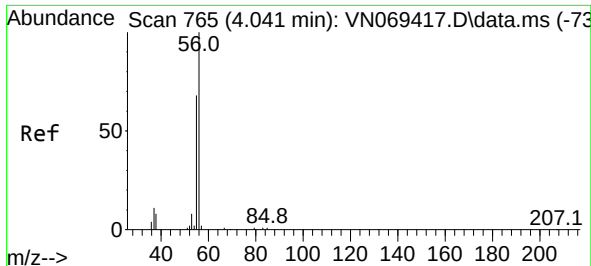
Tgt Ion:168 Resp: 1420442
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.441 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 59 Resp: 9058
Ion Ratio Lower Upper
59 100
57 8.3 8.7 13.1#

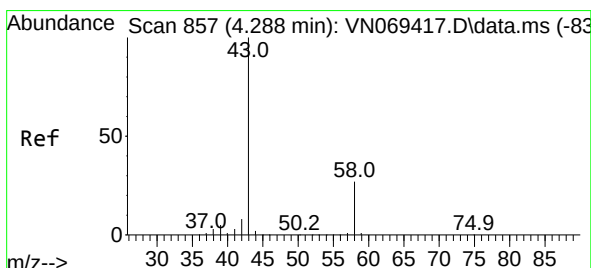
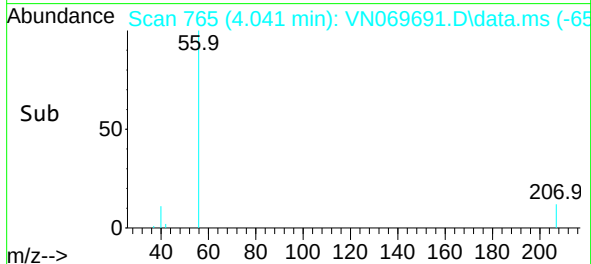
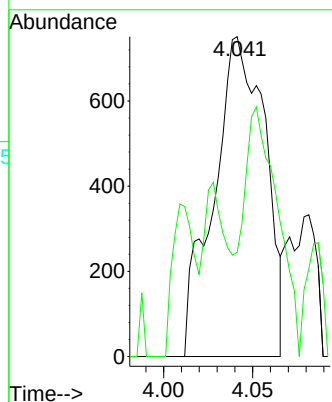
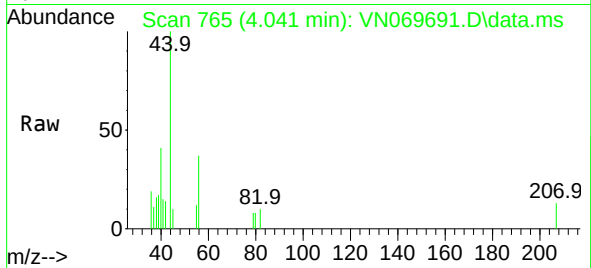




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

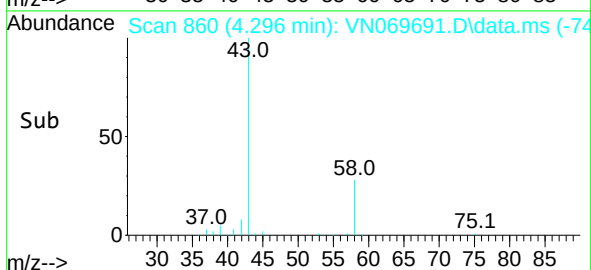
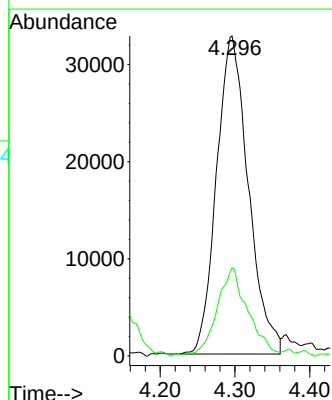
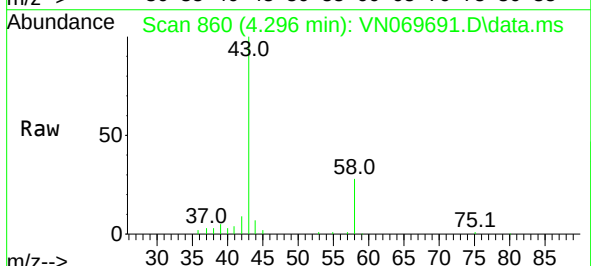
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MSVOA_N
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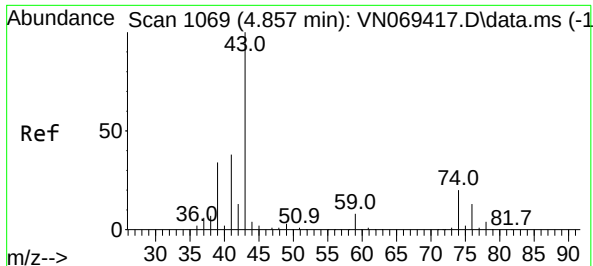
Tgt Ion: 56 Resp: 1514
Ion Ratio Lower Upper
56 100
55 52.1 56.6 85.0#



#16
Acetone
Concen: 8.711 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 43 Resp: 96797
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#18

Methyl Acetate

Concen: 0.337 ug/l

RT: 4.859 min Scan# 1107

Delta R.T. 0.002 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

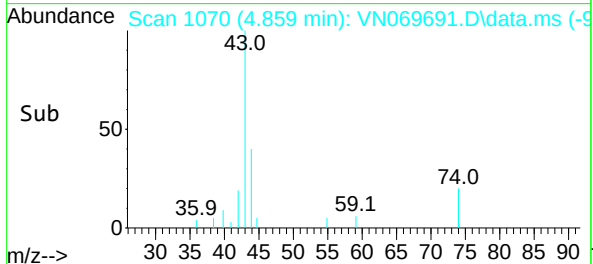
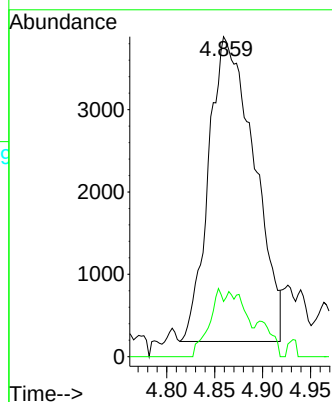
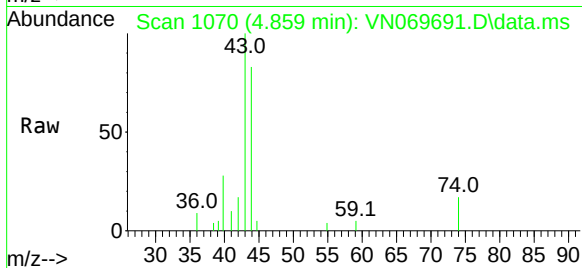
ClientSampleId :

Tgt Ion: 43 Resp: 12170

Ion Ratio Lower Upper

43 100

74 7.1 19.4 29.2#



#20

Methylene Chloride

Concen: 4.241 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Tgt Ion: 84 Resp: 66823

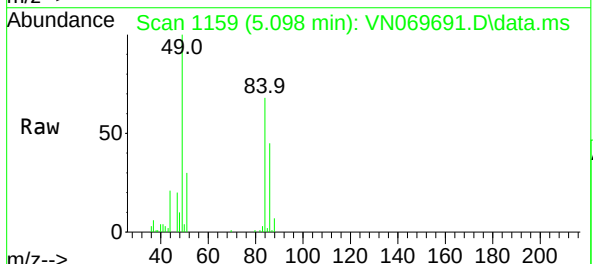
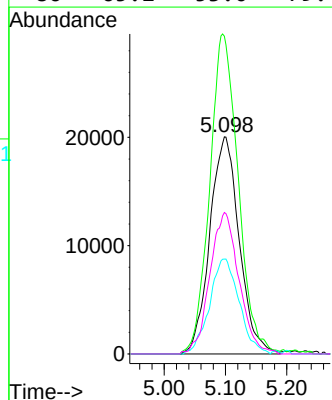
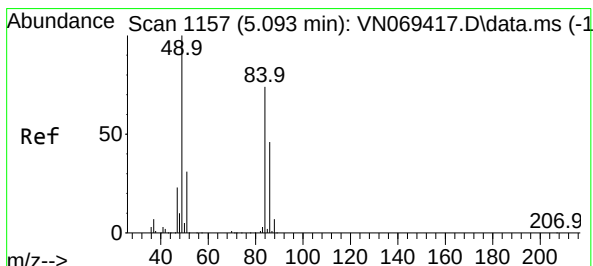
Ion Ratio Lower Upper

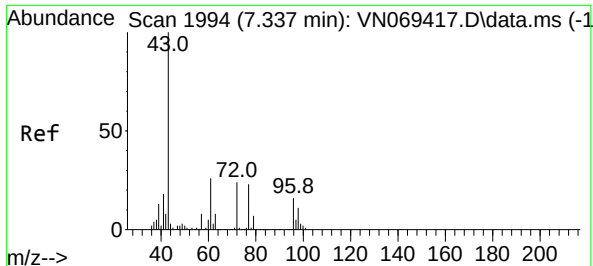
84 100

49 146.4 93.5 140.3#

51 43.7 29.4 44.2

86 65.2 53.0 79.4





#25

2-Butanone

Concen: 8.735 ug/l

RT: 7.345 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

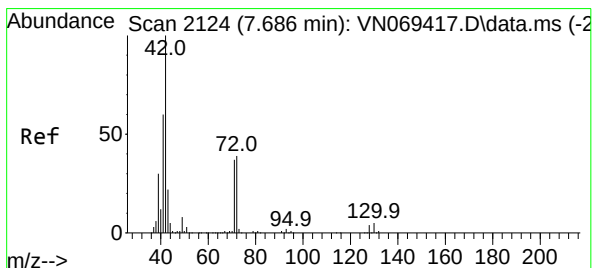
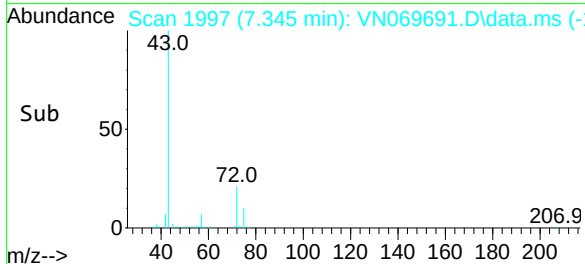
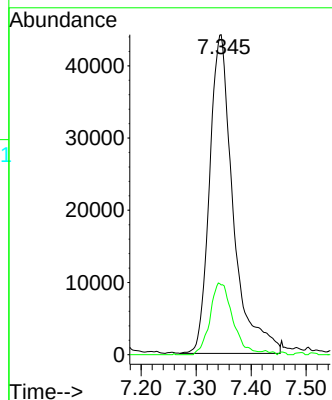
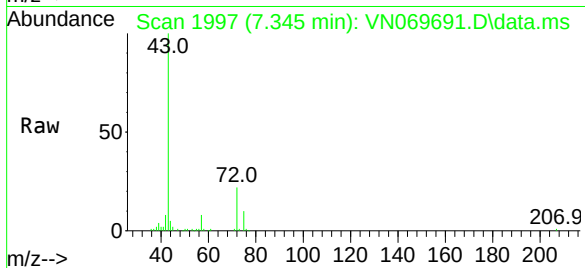
ClientSampleId :

Tgt Ion: 43 Resp: 131439

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5



#29

Tetrahydrofuran

Concen: 1.142 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.011 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

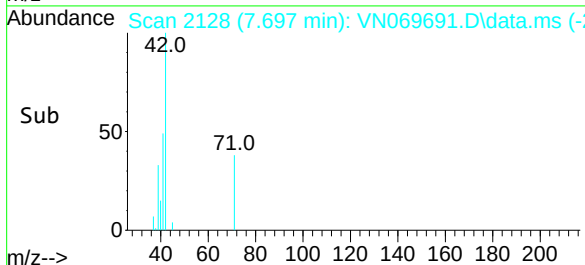
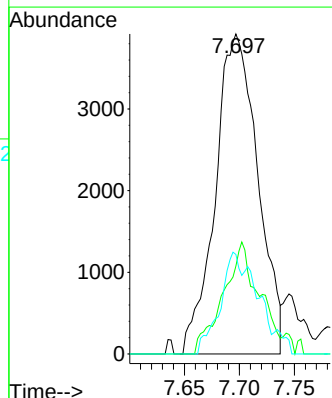
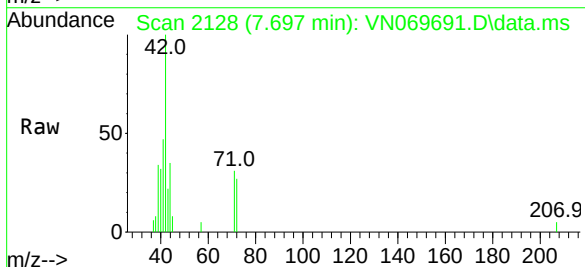
Tgt Ion: 42 Resp: 10542

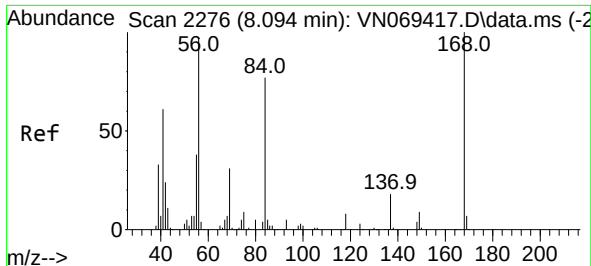
Ion Ratio Lower Upper

42 100

72 29.4 36.3 54.5#

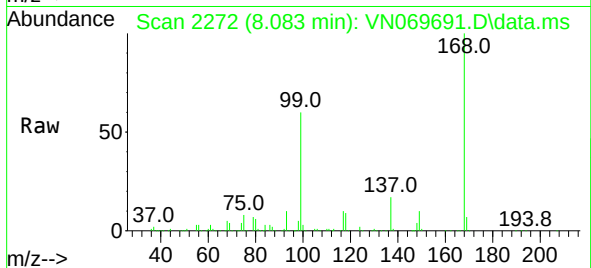
71 15.6 34.7 52.1#



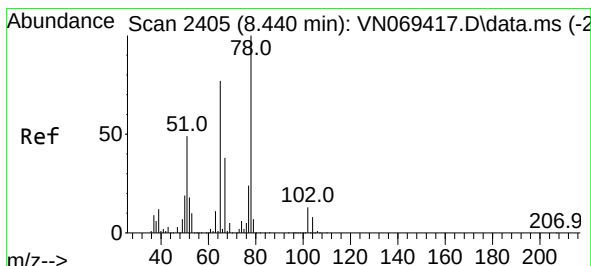
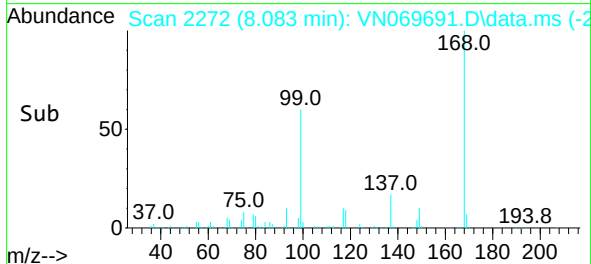
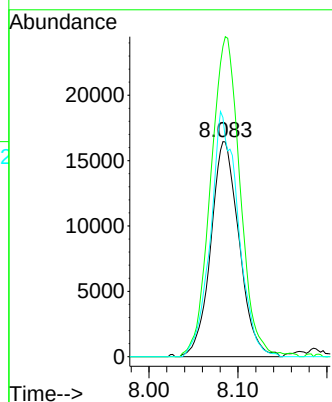


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
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ClientSampleId :

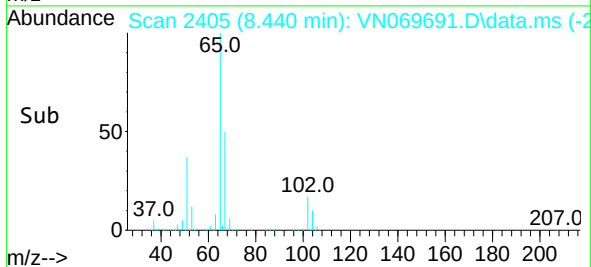
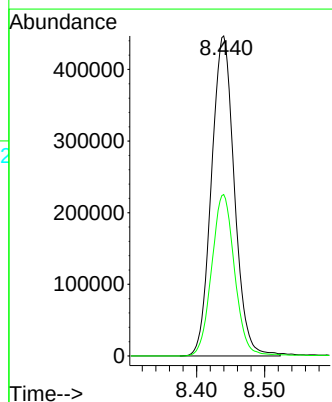
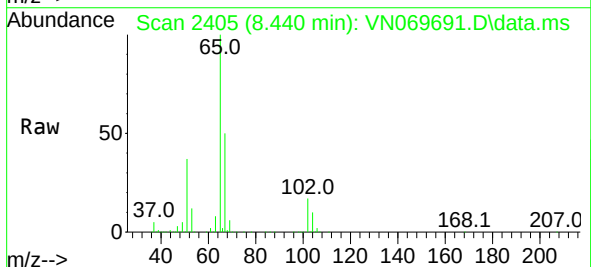


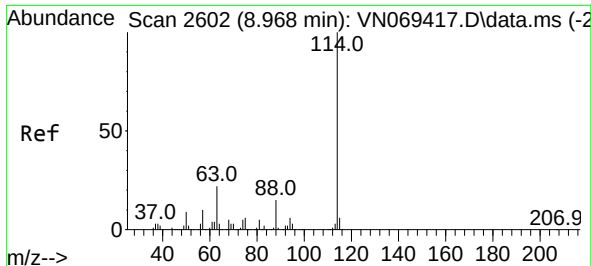
Tgt Ion: 56 Resp: 36337
Ion Ratio Lower Upper
56 100
69 144.2 27.1 40.7#
84 111.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.743 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

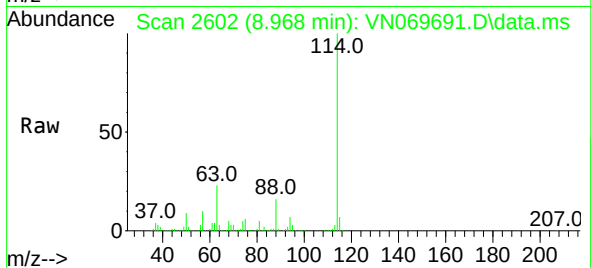
Tgt Ion: 65 Resp: 1045082
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



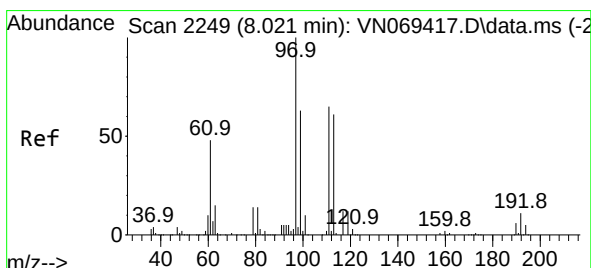
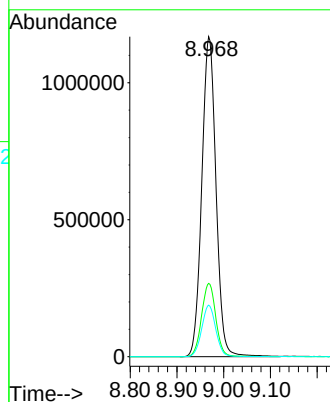
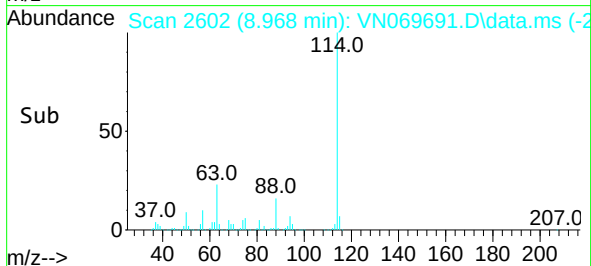


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

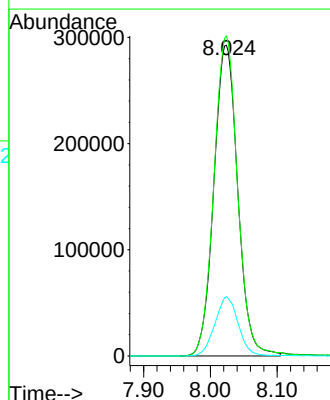
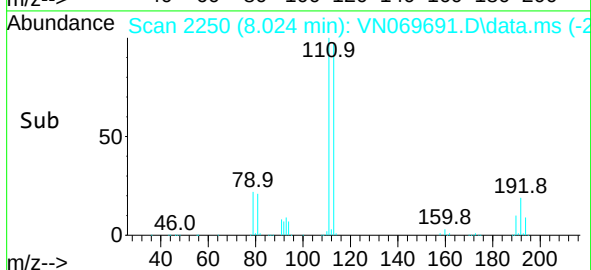
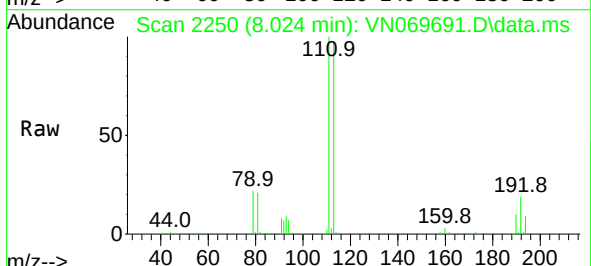


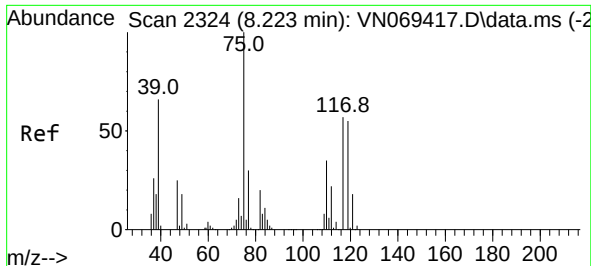
Tgt Ion:114 Resp: 2464403
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

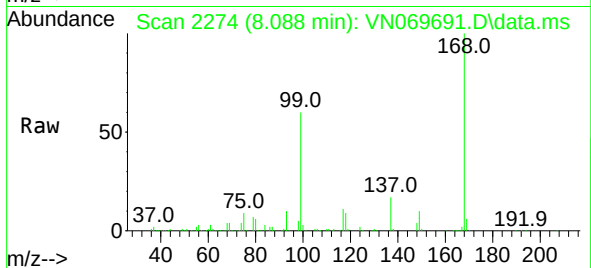
Tgt Ion:113 Resp: 728323
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.5 16.9 25.3



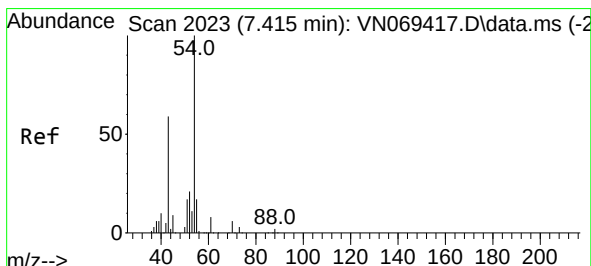
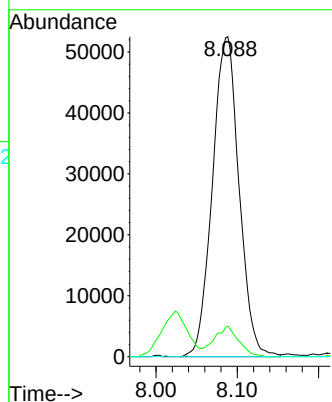
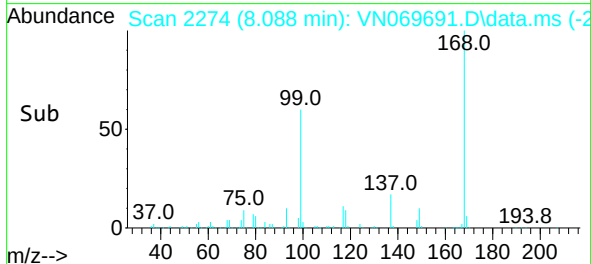


#36
1,1-Dichloropropene
Concen: 5.761 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.135 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

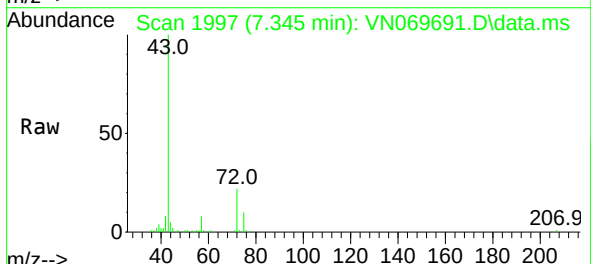
Instrument :
MSVOA_N
ClientSampleId :



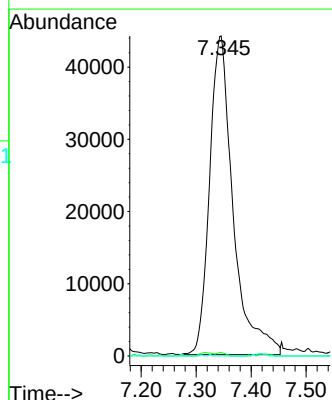
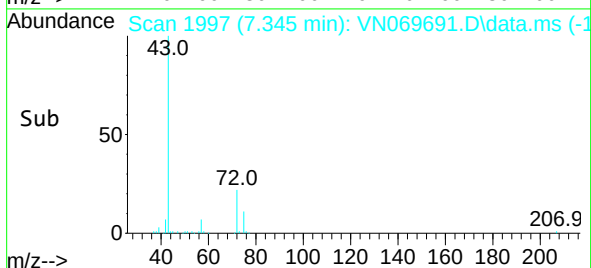
Tgt Ion: 75 Resp: 119470
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#

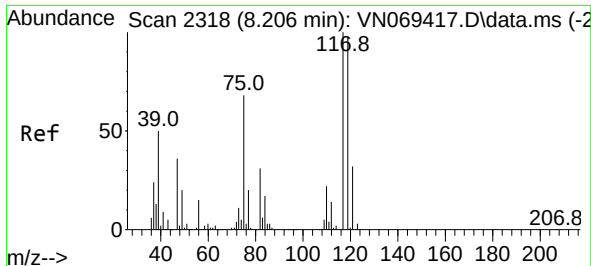


#37
Ethyl Acetate
Concen: 4.689 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.070 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58



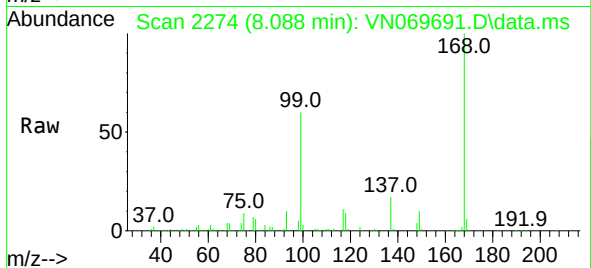
Tgt Ion: 43 Resp: 131439
Ion Ratio Lower Upper
43 100
61 0.4 11.5 17.3#
70 0.0 7.9 11.9#



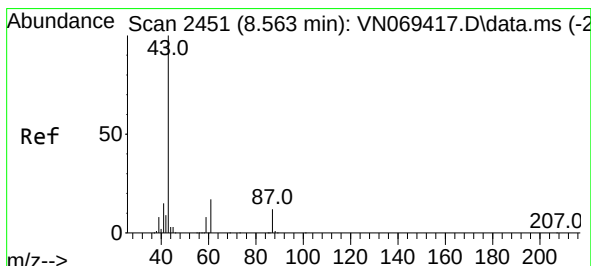
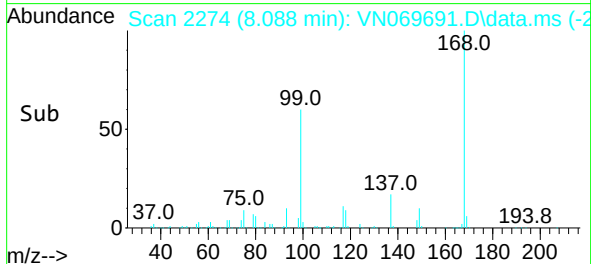
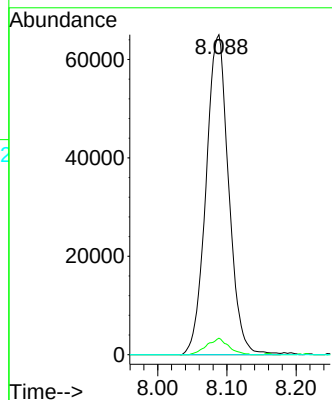


#38
Carbon Tetrachloride
Concen: 7.370 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

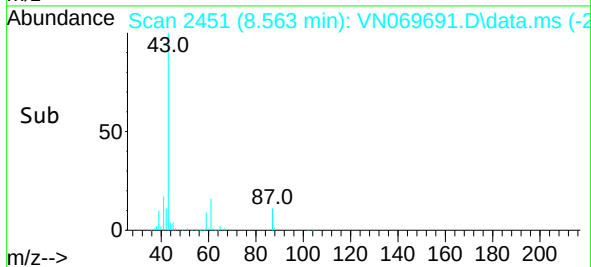
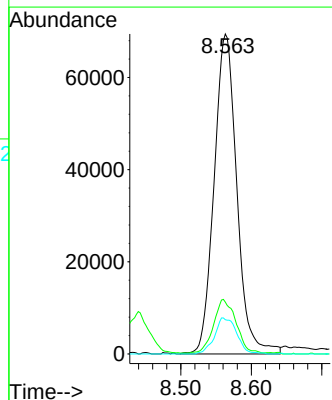
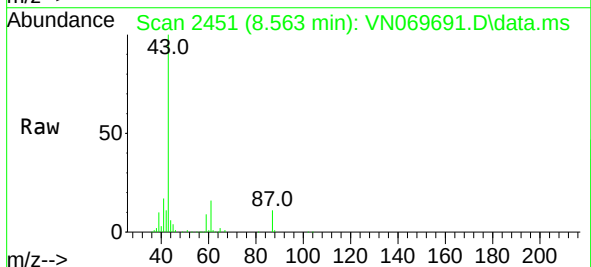


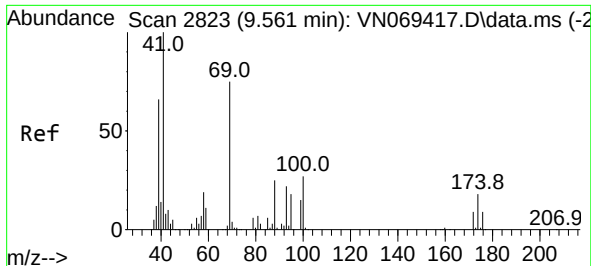
Tgt Ion:117 Resp: 147553
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.460 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

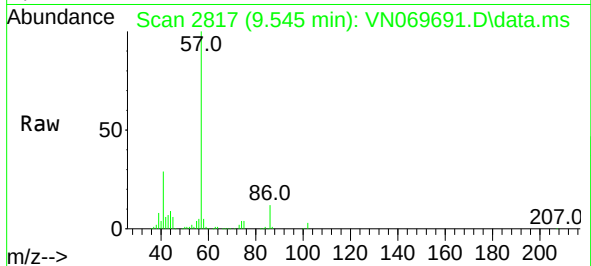
Tgt Ion: 43 Resp: 155766
Ion Ratio Lower Upper
43 100
61 16.6 20.4 30.6#
87 11.0 11.2 16.8#



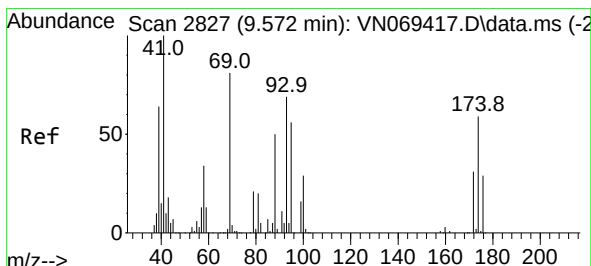
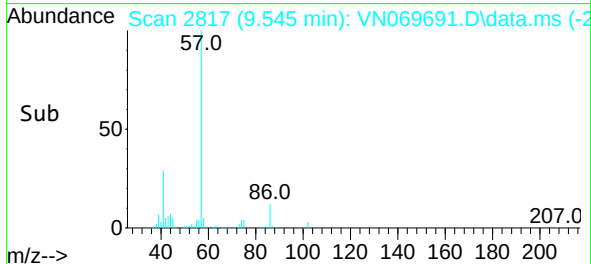
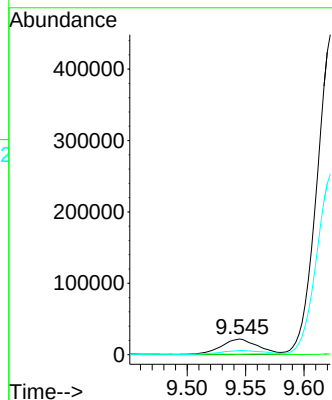


#48
Methyl methacrylate
Concen: 2.198 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.016 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

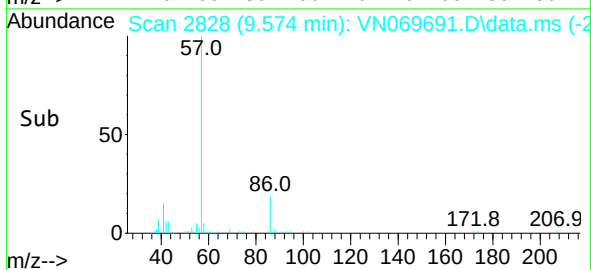
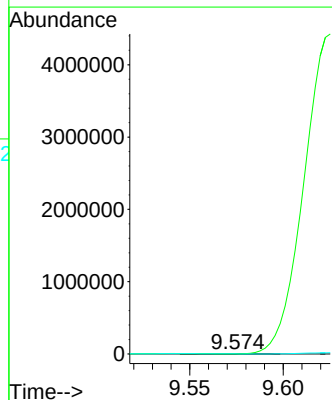
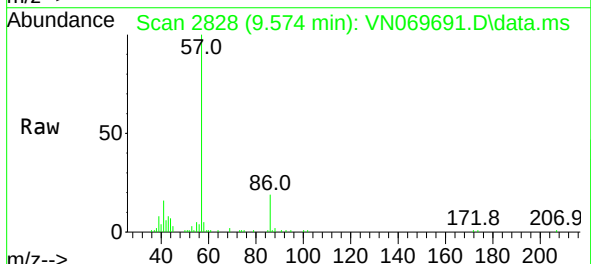


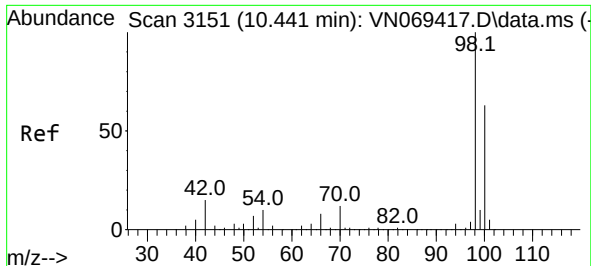
Tgt Ion: 41 Resp: 46563
Ion Ratio Lower Upper
41 100
69 3.3 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 41.201 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.002 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

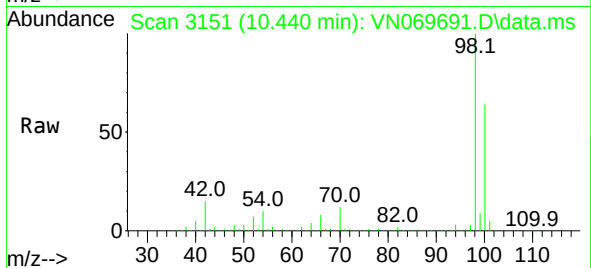
Tgt Ion: 88 Resp: 936
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



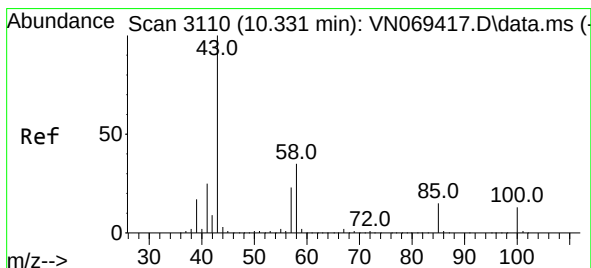
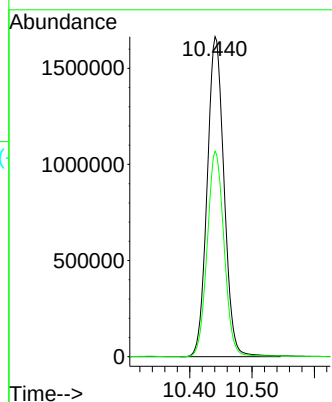
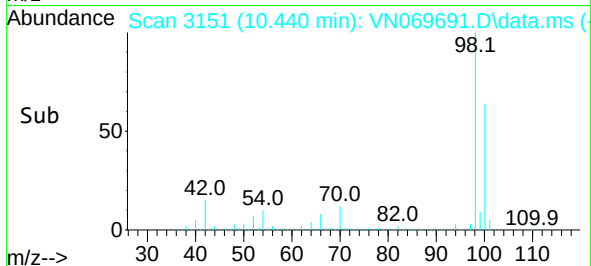


#50
Toluene-d8
Concen: 53.921 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

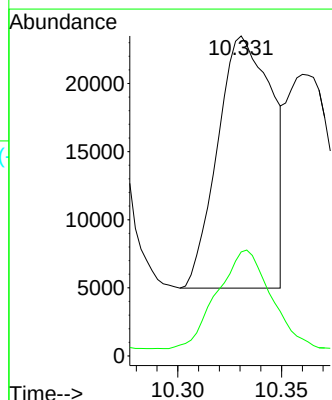
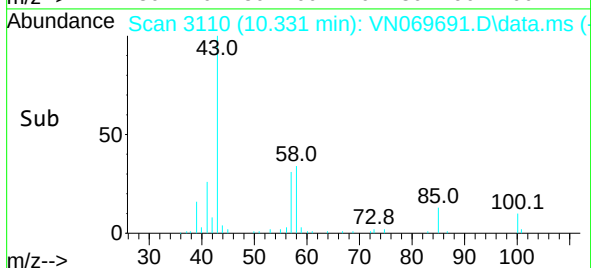
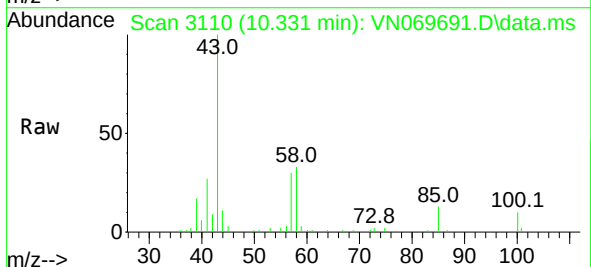


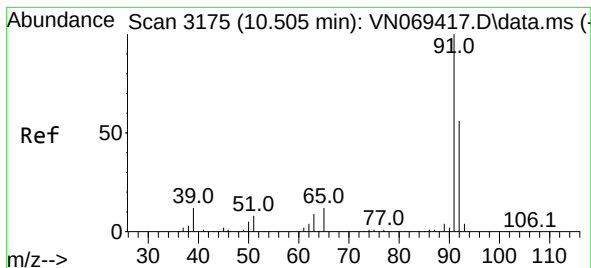
Tgt Ion: 98 Resp: 3134495
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 43 Resp: 33741
Ion Ratio Lower Upper
43 100
58 48.0 30.4 45.6#





#52

Toluene

Concen: 0.374 ug/l

RT: 10.502 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

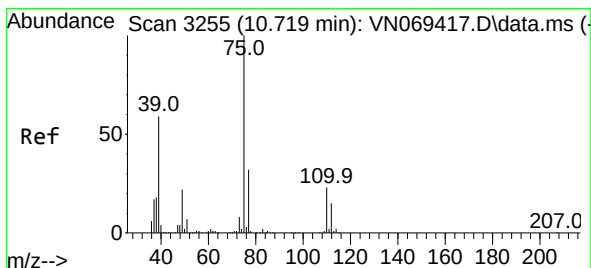
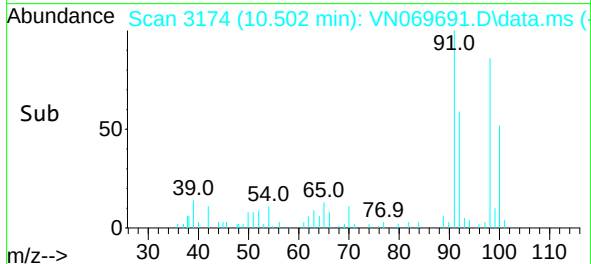
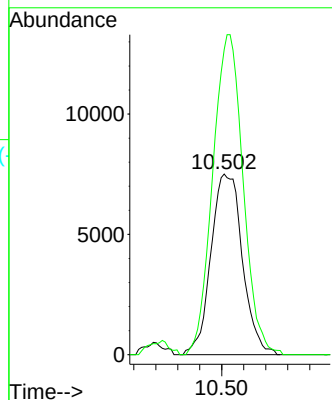
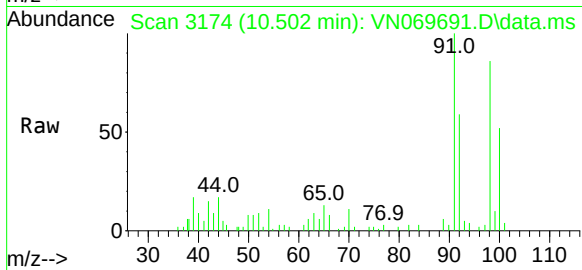
ClientSampleId :

Tgt Ion: 92 Resp: 14917

Ion Ratio Lower Upper

92 100

91 171.3 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 2.655 ug/l

RT: 10.711 min Scan# 3252

Delta R.T. -0.008 min

Lab File: VN069691.D

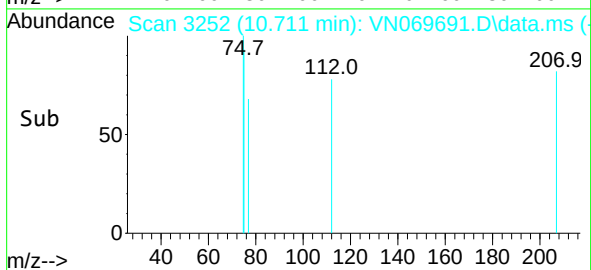
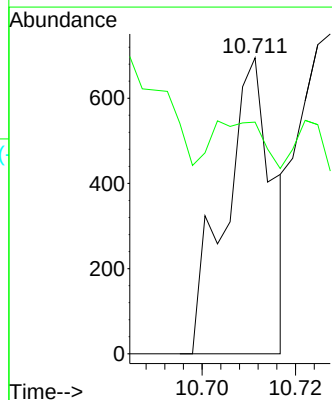
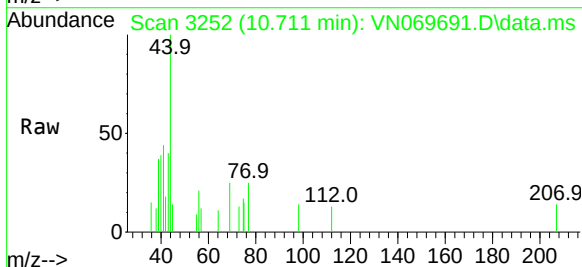
Acq: 1 Dec 2021 14:58

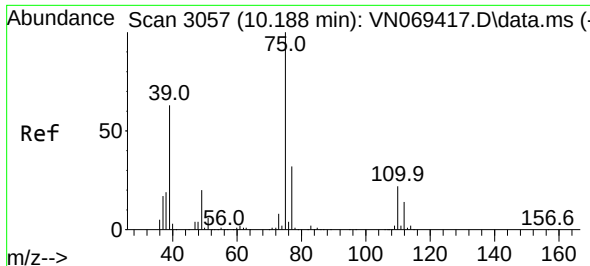
Tgt Ion: 75 Resp: 489

Ion Ratio Lower Upper

75 100

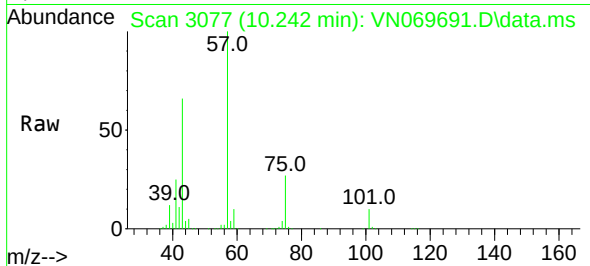
77 15.7 25.6 38.4#



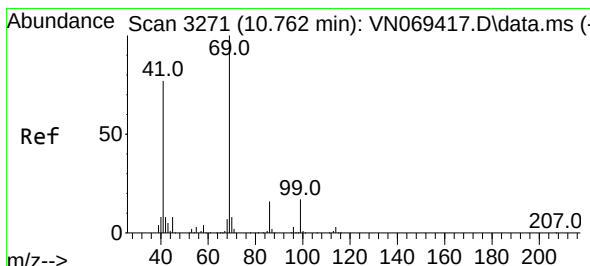
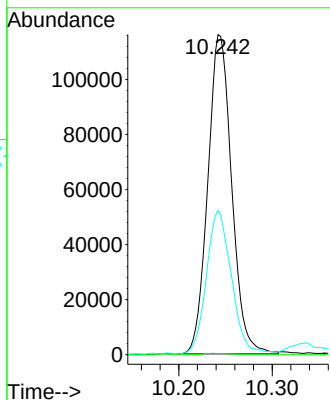
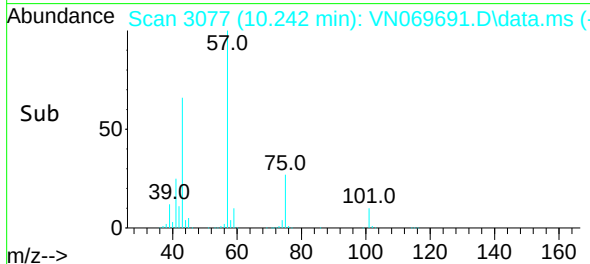


#54
 cis-1,3-Dichloropropene
 Concen: 8.909 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58

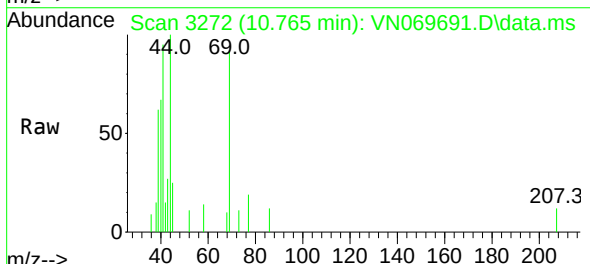
Instrument :
 MSVOA_N
 ClientSampleId :



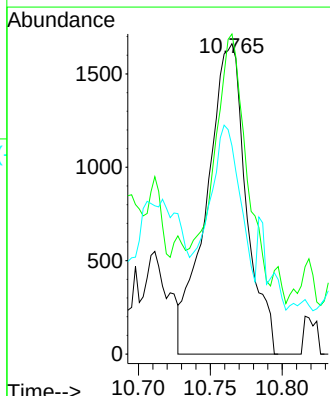
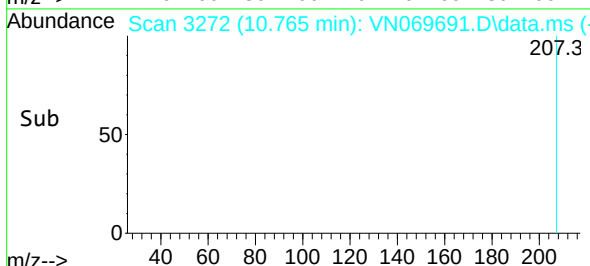
Tgt Ion: 75 Resp: 205877
 Ion Ratio Lower Upper
 75 100
 77 0.3 26.4 39.6#
 39 44.9 42.5 63.7

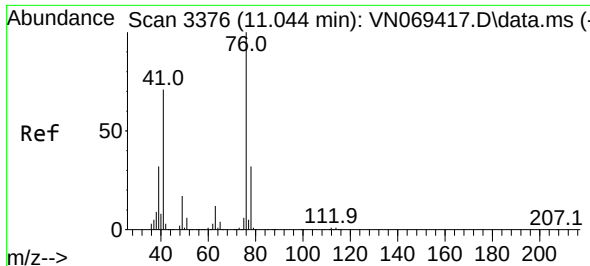


#56
 Ethyl methacrylate
 Concen: 2.153 ug/l
 RT: 10.765 min Scan# 3272
 Delta R.T. 0.003 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58



Tgt Ion: 69 Resp: 3168
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 0.0 34.6 52.0#

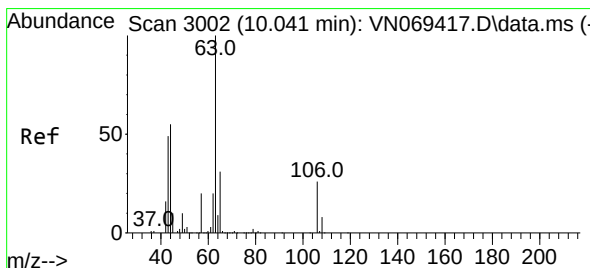
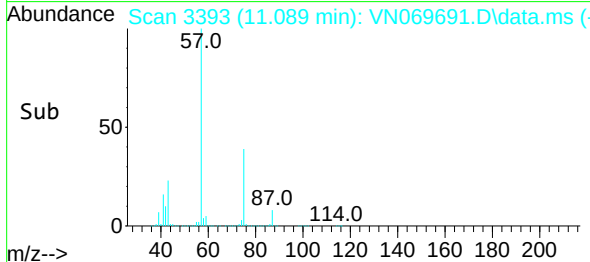
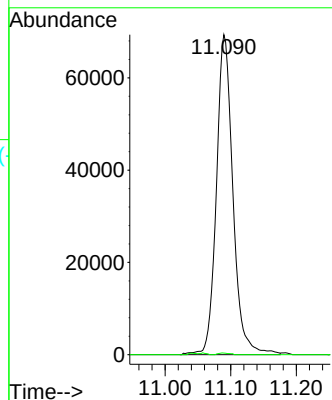
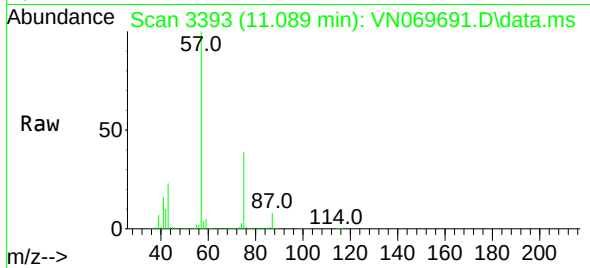




#57
1,3-Dichloropropane
Concen: 4.304 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.045 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

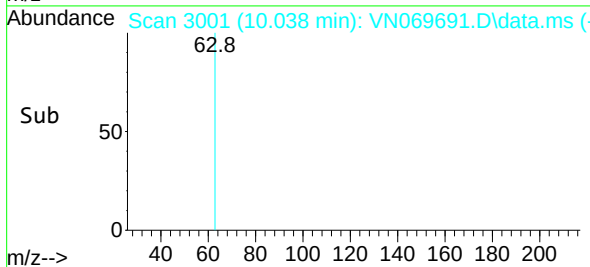
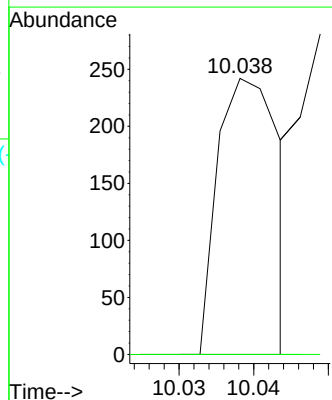
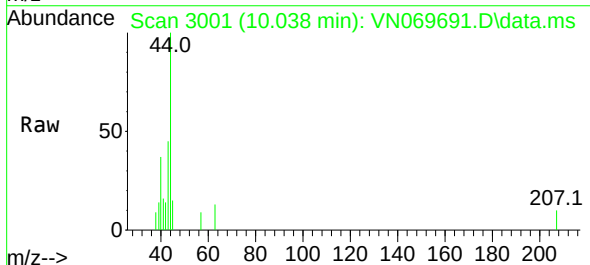
Instrument :
MSVOA_N
ClientSampleId :

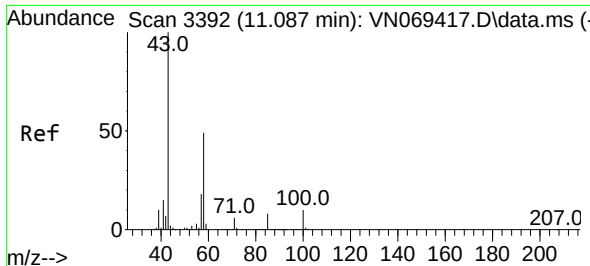
Tgt Ion: 76 Resp: 121578
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 22.786 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion: 63 Resp: 138
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

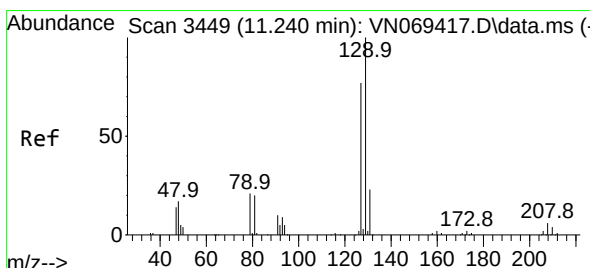
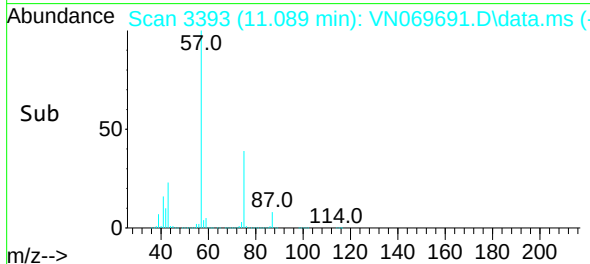
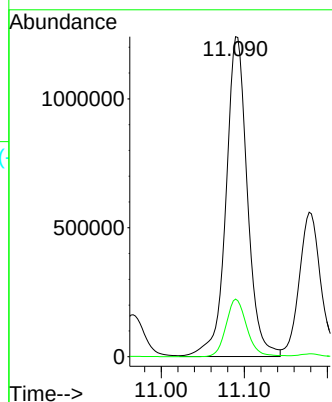
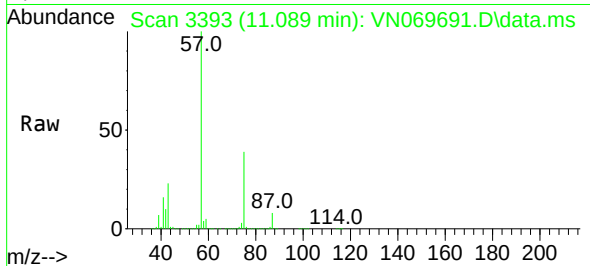




#59
2-Hexanone
Concen: 95.505 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

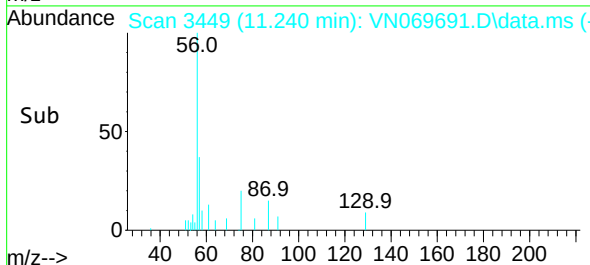
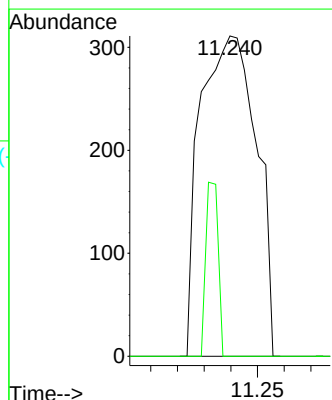
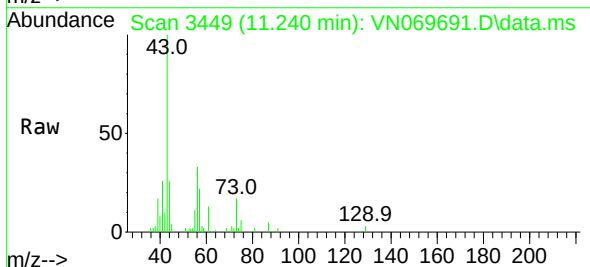
Instrument :
MSVOA_N
ClientSampleId :

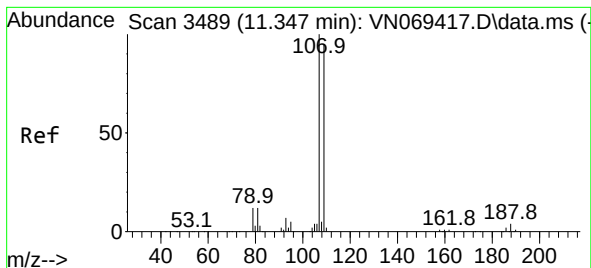
Tgt Ion: 43 Resp: 2219124
Ion Ratio Lower Upper
43 100
58 17.6 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.442 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Tgt Ion:129 Resp: 453
Ion Ratio Lower Upper
129 100
127 11.9 38.6 116.0#





#61

1,2-Dibromoethane

Concen: 1.097 ug/l

RT: 11.352 min Scan# 34

Delta R.T. 0.005 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

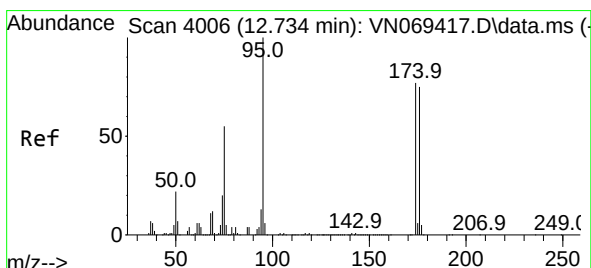
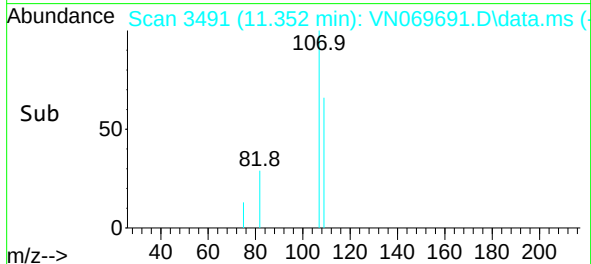
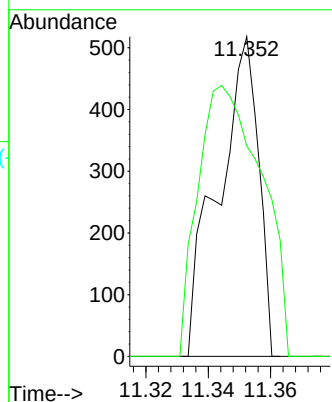
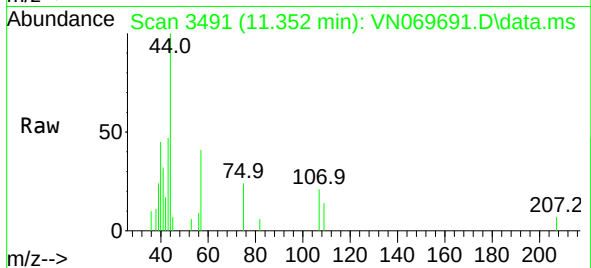
ClientSampleId :

Tgt Ion:107 Resp: 466

Ion Ratio Lower Upper

107 100

109 133.5 75.7 113.5#



#62

4-Bromofluorobenzene

Concen: 54.406 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.003 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

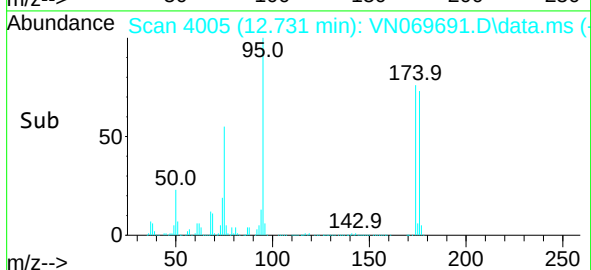
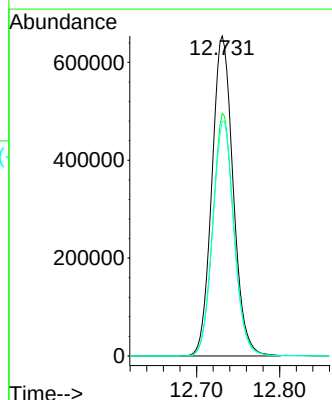
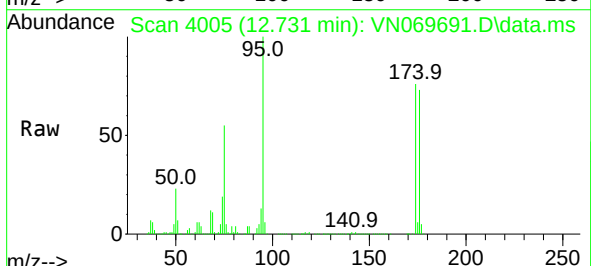
Tgt Ion: 95 Resp: 1161862

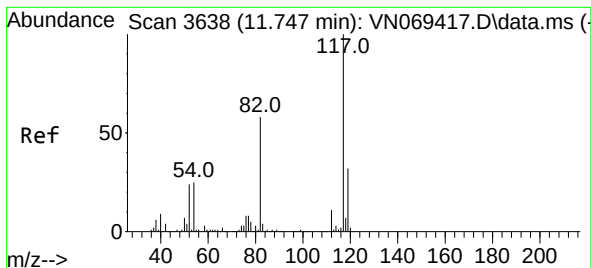
Ion Ratio Lower Upper

95 100

174 75.3 0.0 187.2

176 73.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.003 min

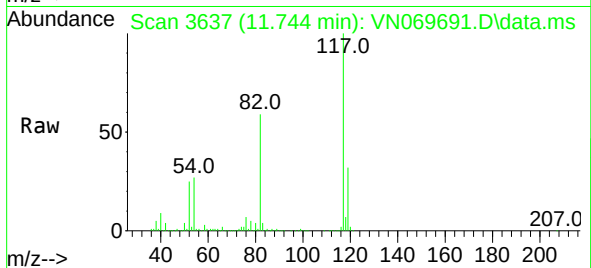
Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

ClientSampleId :



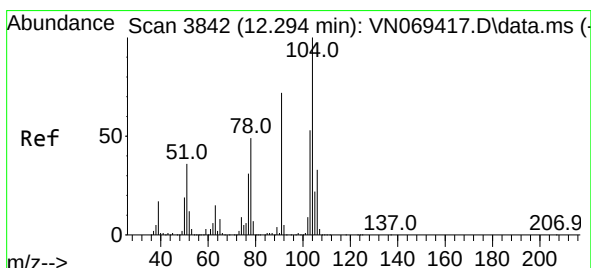
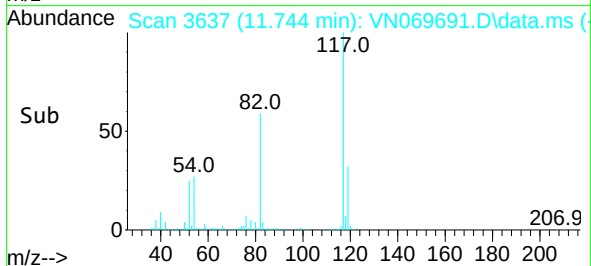
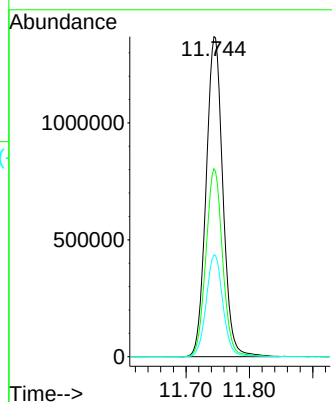
Tgt Ion:117 Resp: 2510732

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 31.8 25.4 38.2



#70

Styrene

Concen: 1.602 ug/l

RT: 12.294 min Scan# 3842

Delta R.T. -0.000 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

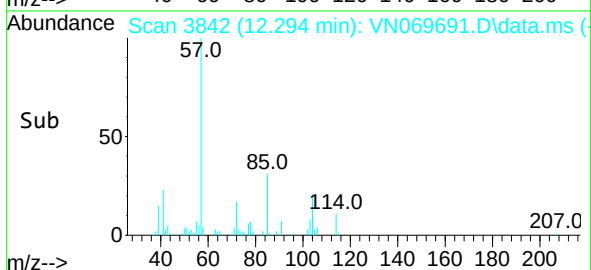
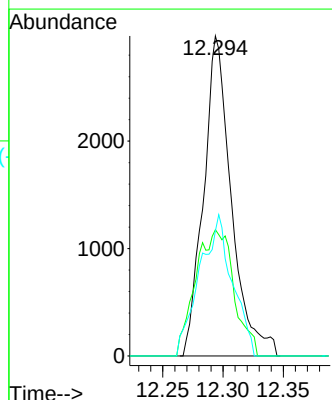
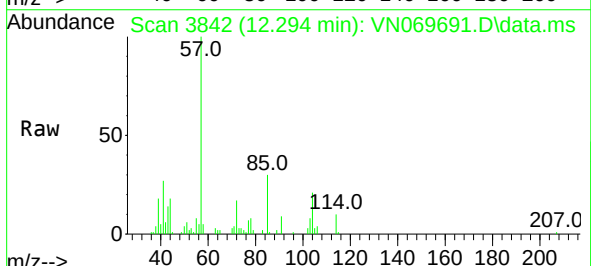
Tgt Ion:104 Resp: 4783

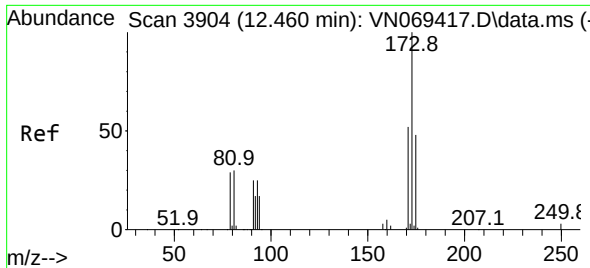
Ion Ratio Lower Upper

104 100

78 54.1 38.7 58.1

103 51.9 45.0 67.6

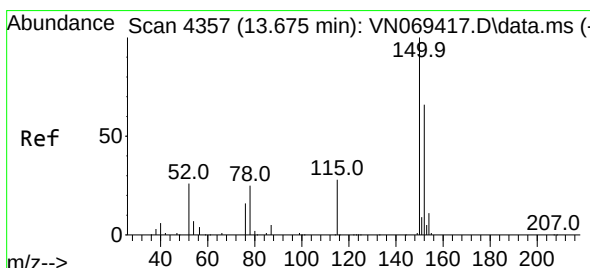
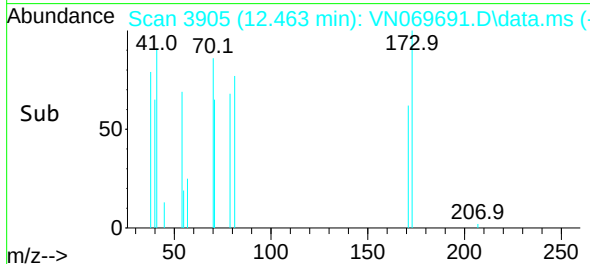
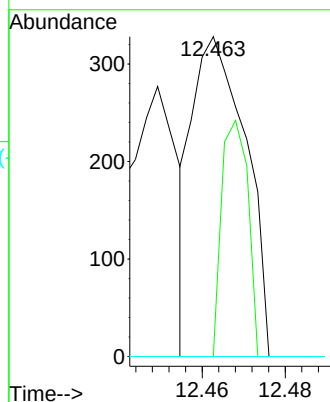
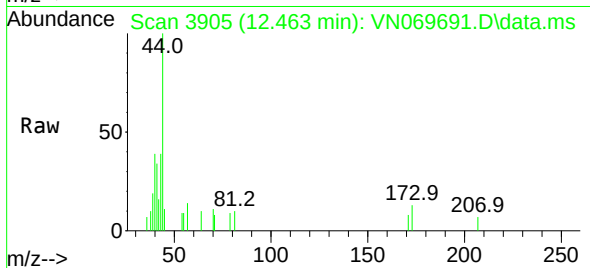




#71
Bromoform
Concen: 3.447 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

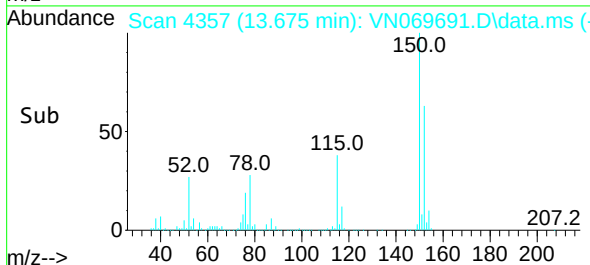
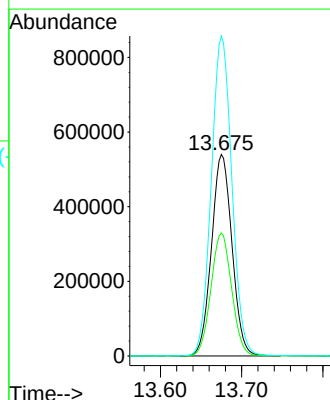
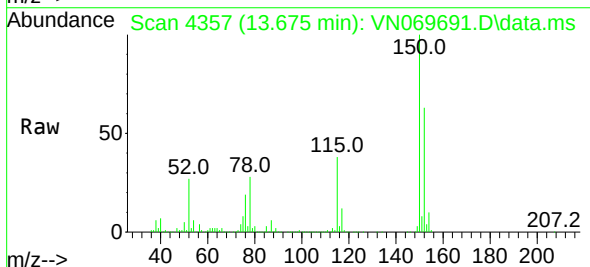
Instrument :
MSVOA_N
ClientSampleId :

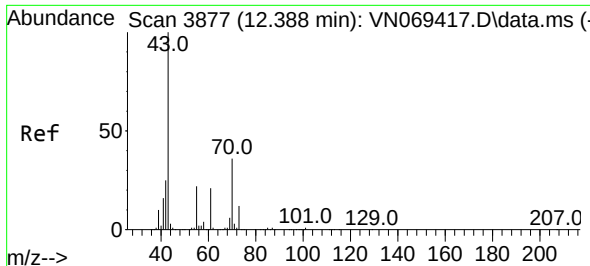
Tgt Ion:173 Resp: 293
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

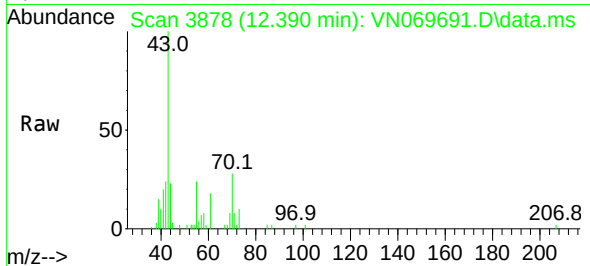
Tgt Ion:152 Resp: 949373
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 158.7 0.0 344.4



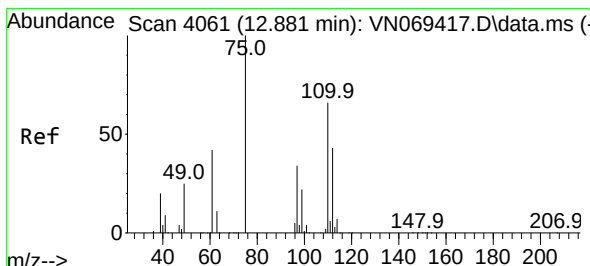
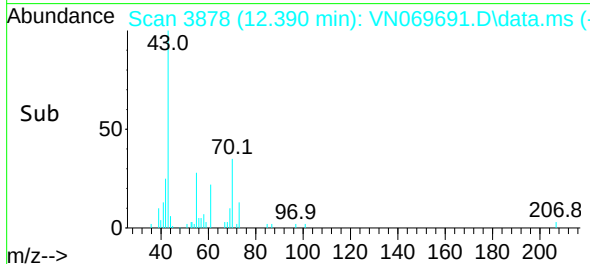
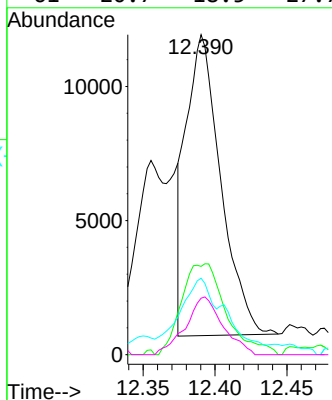


#74
N-amy1 acetate
Concen: 0.586 ug/l
RT: 12.390 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

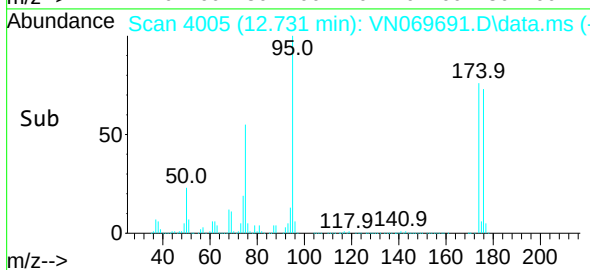
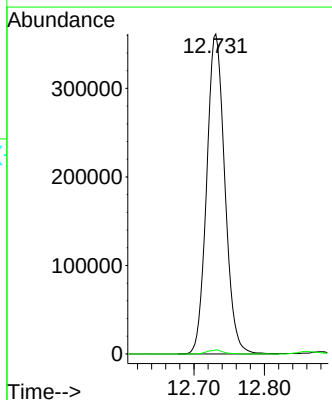
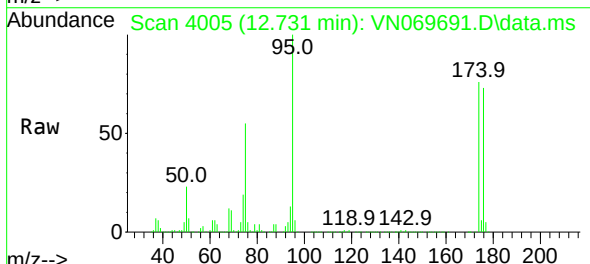


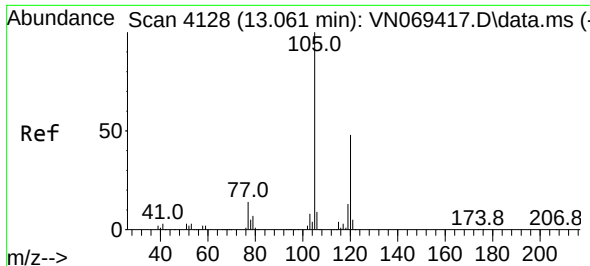
Tgt Ion: 43 Resp: 18781
Ion Ratio Lower Upper
43 100
70 38.9 33.4 50.0
55 16.4 19.3 28.9#
61 20.7 18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 29.483 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

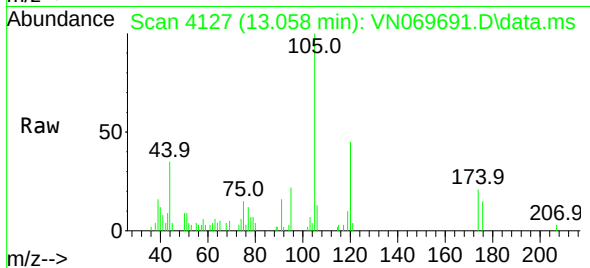
Tgt Ion: 75 Resp: 645952
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



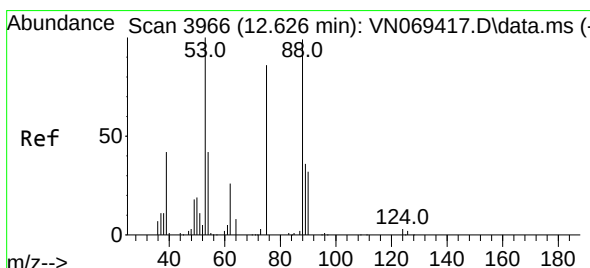
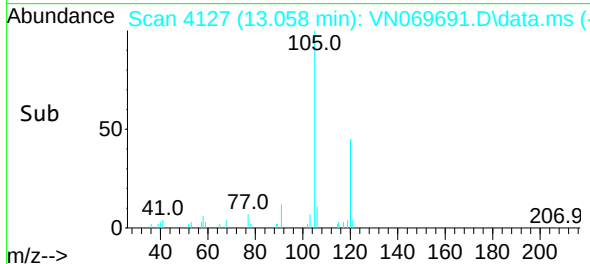
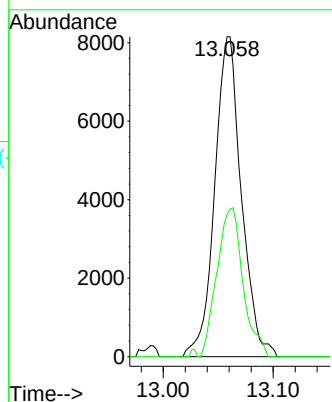


#80
 1,3,5-Trimethylbenzene
 Concen: 0.225 ug/l
 RT: 13.058 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58

Instrument :
 MSVOA_N
 ClientSampleId :

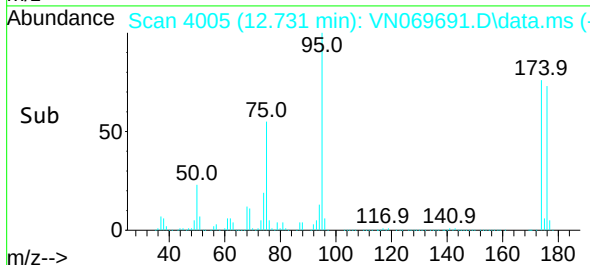
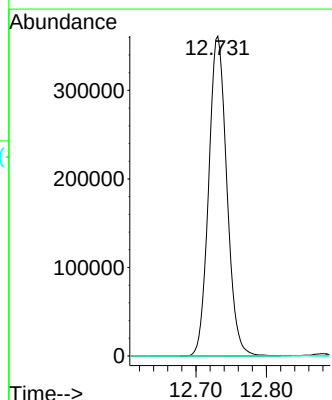
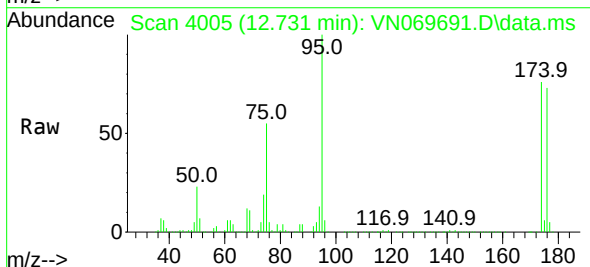


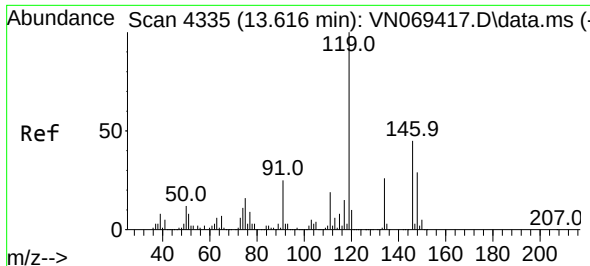
Tgt Ion:105 Resp: 13733
 Ion Ratio Lower Upper
 105 100
 120 45.5 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.390 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.105 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58

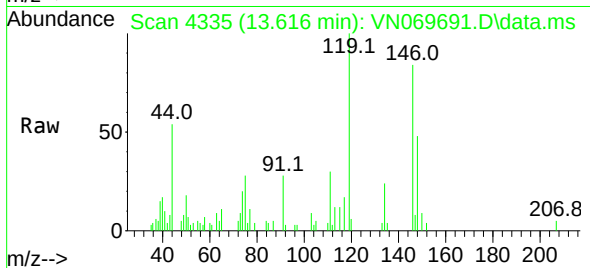
Tgt Ion: 75 Resp: 645952
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



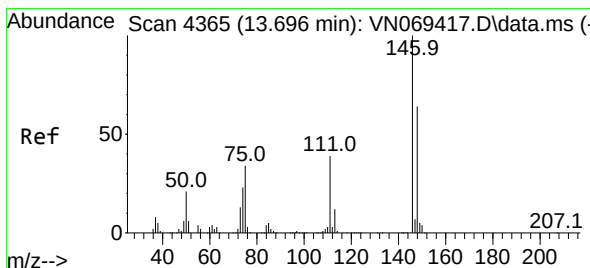
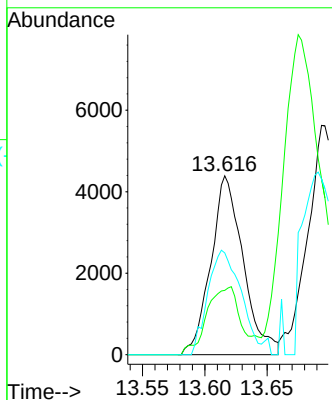
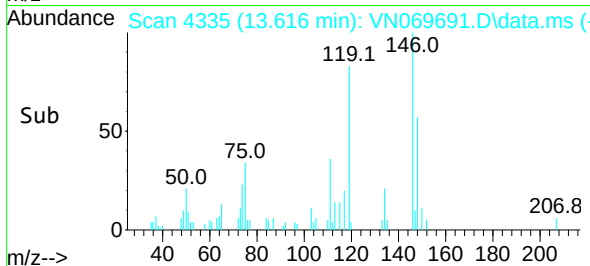


#87
1,3-Dichlorobenzene
Concen: 0.264 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

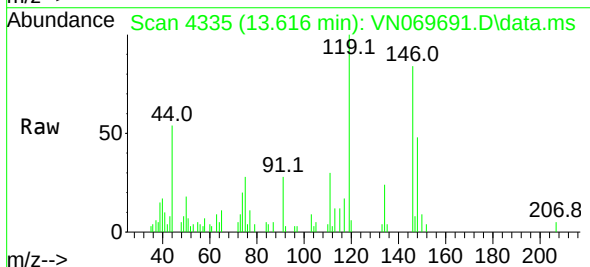
Instrument :
MSVOA_N
ClientSampleId :



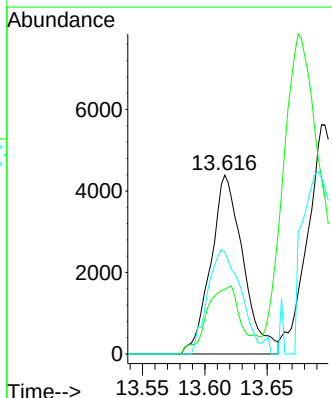
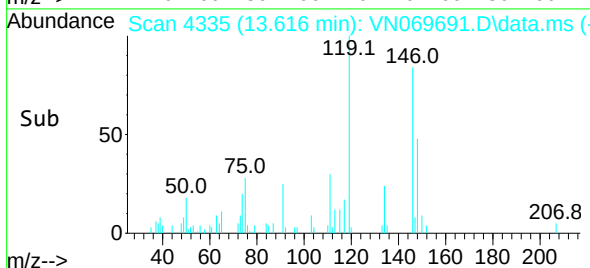
Tgt Ion:146 Resp: 7914
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 59.7 31.6 95.0

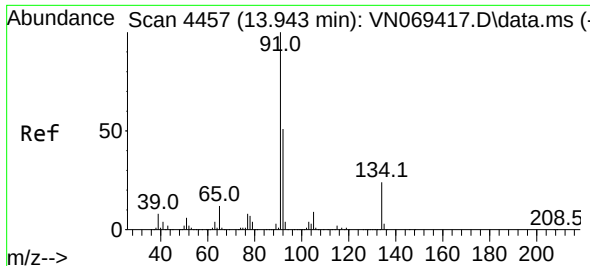


#88
1,4-Dichlorobenzene
Concen: 0.269 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.080 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58



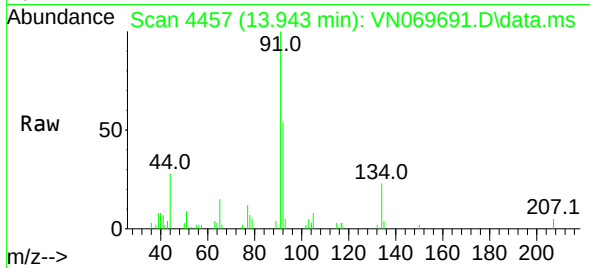
Tgt Ion:146 Resp: 7914
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 59.7 31.8 95.4



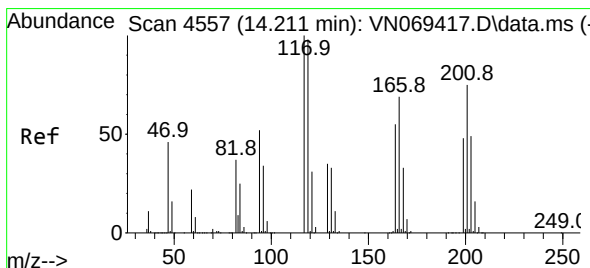
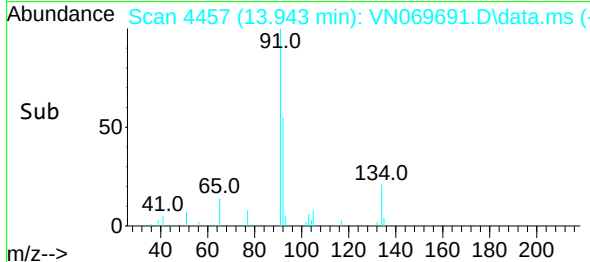
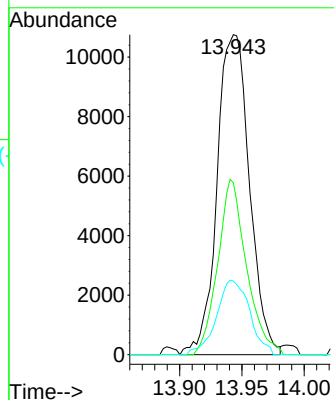


#89
n-Butylbenzene
Concen: 0.393 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

Instrument :
MSVOA_N
ClientSampleId :

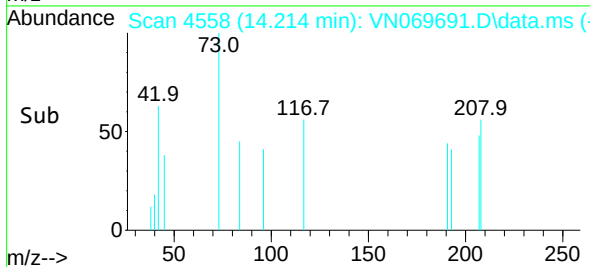
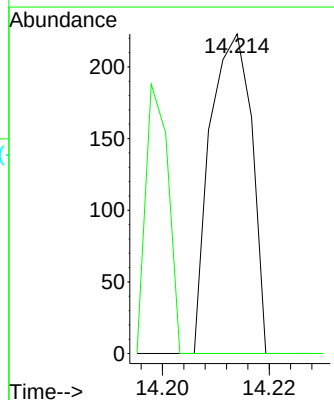
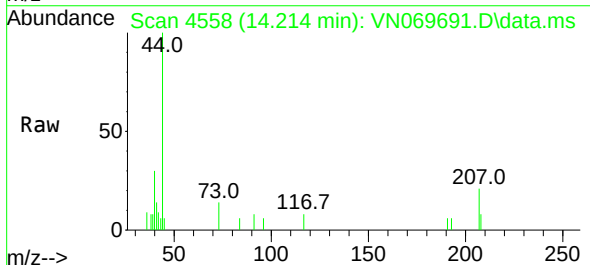


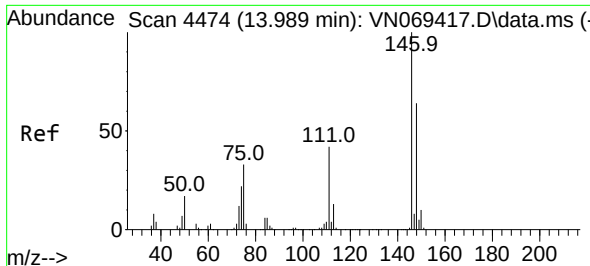
Tgt Ion: 91 Resp: 19474
Ion Ratio Lower Upper
91 100
92 48.6 25.4 76.0
134 23.8 13.6 40.8



#90
Hexachloroethane
Concen: 2.173 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

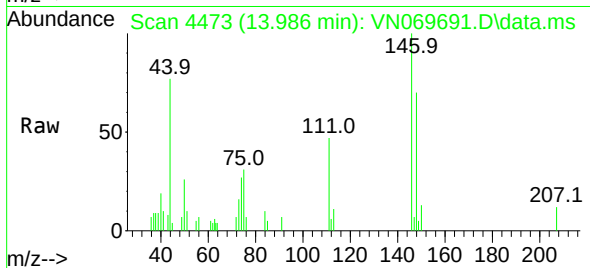
Tgt Ion: 117 Resp: 121
Ion Ratio Lower Upper
117 100
201 45.5 43.9 131.6



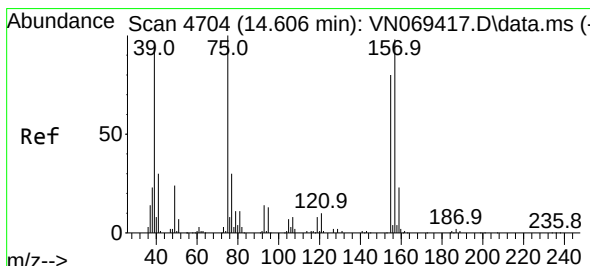
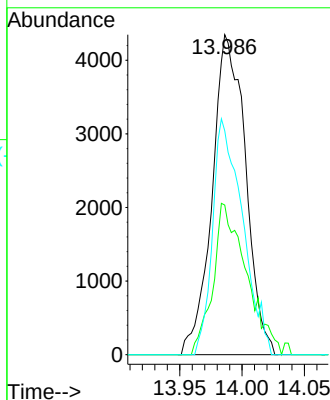
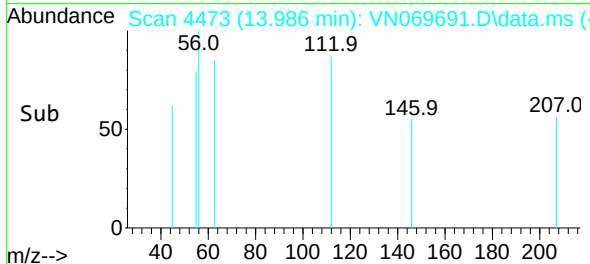


#91
1,2-Dichlorobenzene
Concen: 0.283 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58

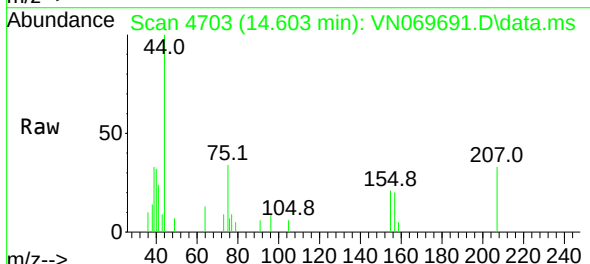
Instrument :
MSVOA_N
ClientSampleId :



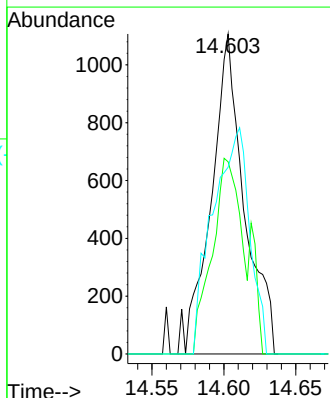
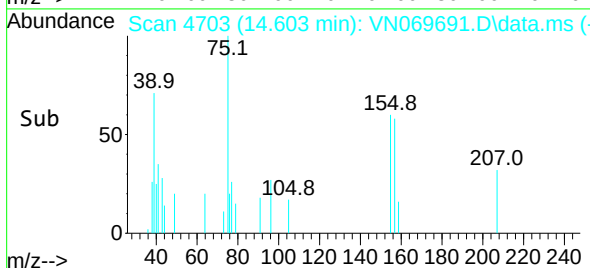
Tgt Ion:146 Resp: 8082
Ion Ratio Lower Upper
146 100
111 47.4 19.1 57.3
148 66.1 32.1 96.3

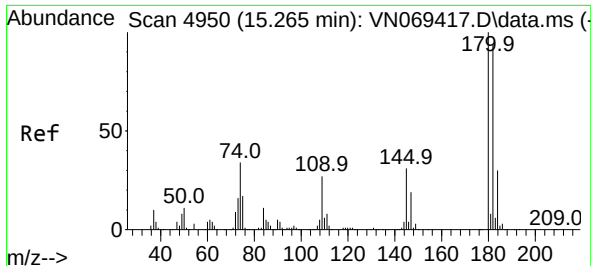


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.157 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069691.D
Acq: 1 Dec 2021 14:58



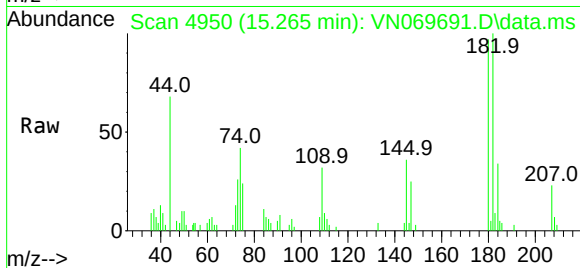
Tgt Ion: 75 Resp: 1773
Ion Ratio Lower Upper
75 100
155 53.0 46.9 140.7
157 78.7 60.6 181.7



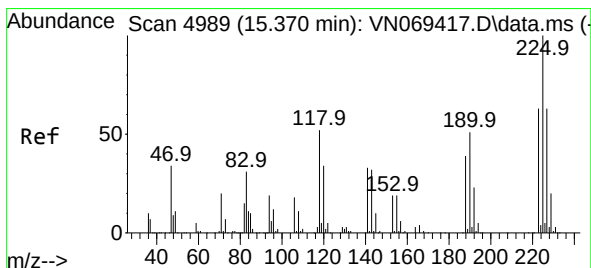
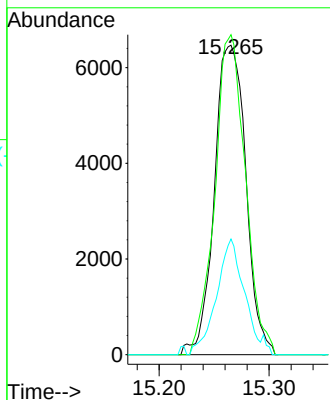
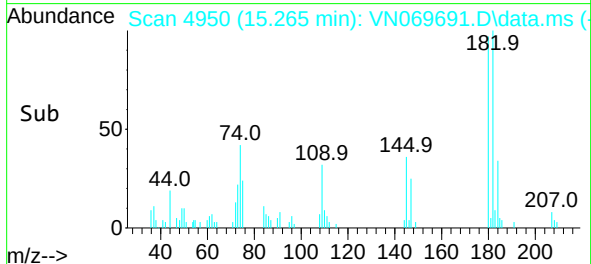


#93
 1,2,4-Trichlorobenzene
 Concen: 3.922 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58

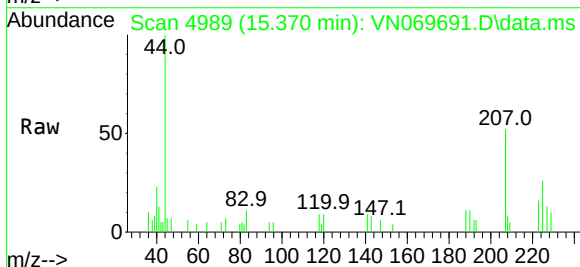
Instrument :
 MSVOA_N
 ClientSampleId :



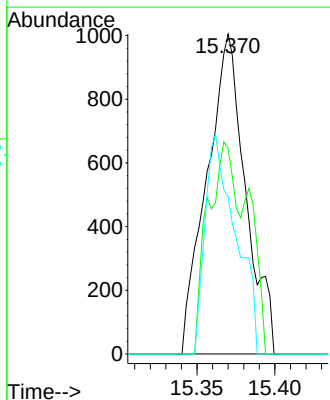
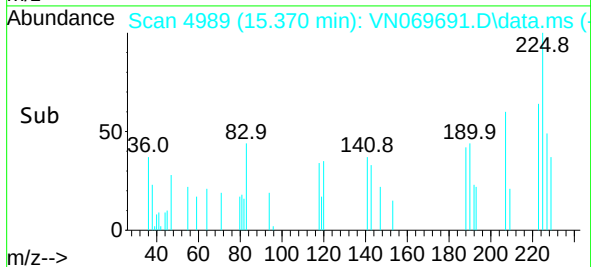
Tgt Ion:180 Resp: 12889
 Ion Ratio Lower Upper
 180 100
 182 100.0 48.3 144.9
 145 33.5 14.5 43.5

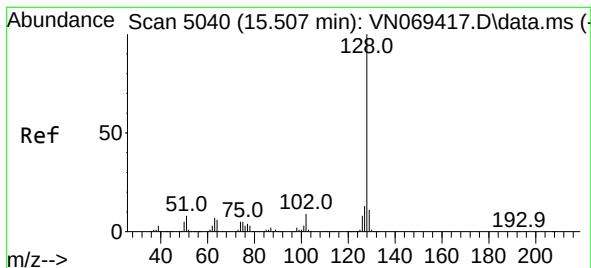


#94
 Hexachlorobutadiene
 Concen: 0.234 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. -0.000 min
 Lab File: VN069691.D
 Acq: 1 Dec 2021 14:58



Tgt Ion:225 Resp: 1734
 Ion Ratio Lower Upper
 225 100
 223 49.9 31.9 95.7
 227 54.4 32.1 96.3





#95

Naphthalene

Concen: 5.626 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069691.D

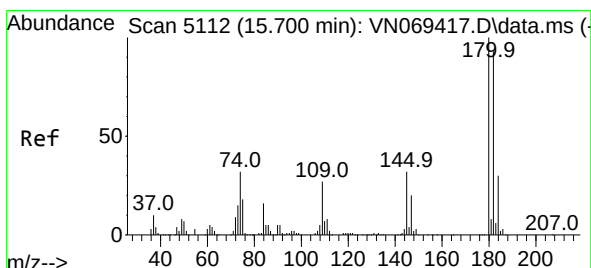
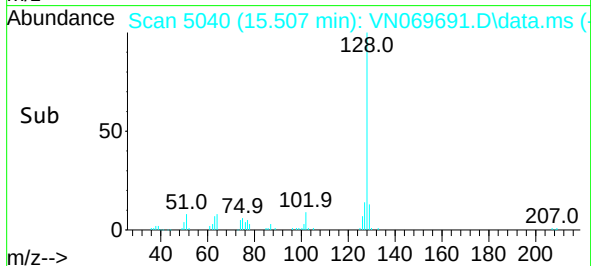
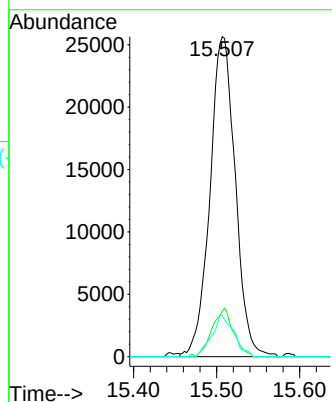
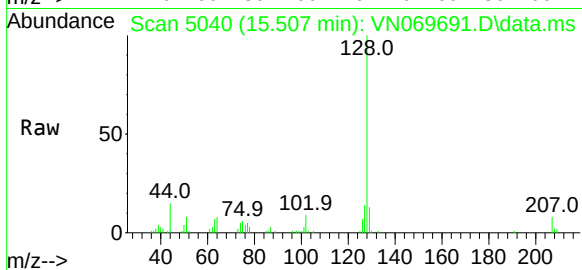
Acq: 1 Dec 2021 14:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	54355
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.5 15.7
129	11.4	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.164 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069691.D

Acq: 1 Dec 2021 14:58

Tgt Ion:180	Resp:	15176
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.4 142.2
145	31.8	15.0 45.1

