

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069507.D
 Acq On : 16 Nov 2021 14:37
 Operator : JC/MD
 Sample : M4601-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 16:18:57 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	8.077	168	1312316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2334040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2280296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	997376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.431	65	980921	51.552	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.100%
35) Dibromofluoromethane	8.018	113	637821	45.563	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.120%
50) Toluene-d8	10.440	98	2982203	54.167	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.340%
62) 4-Bromofluorobenzene	12.733	95	1060705	52.444	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.880%

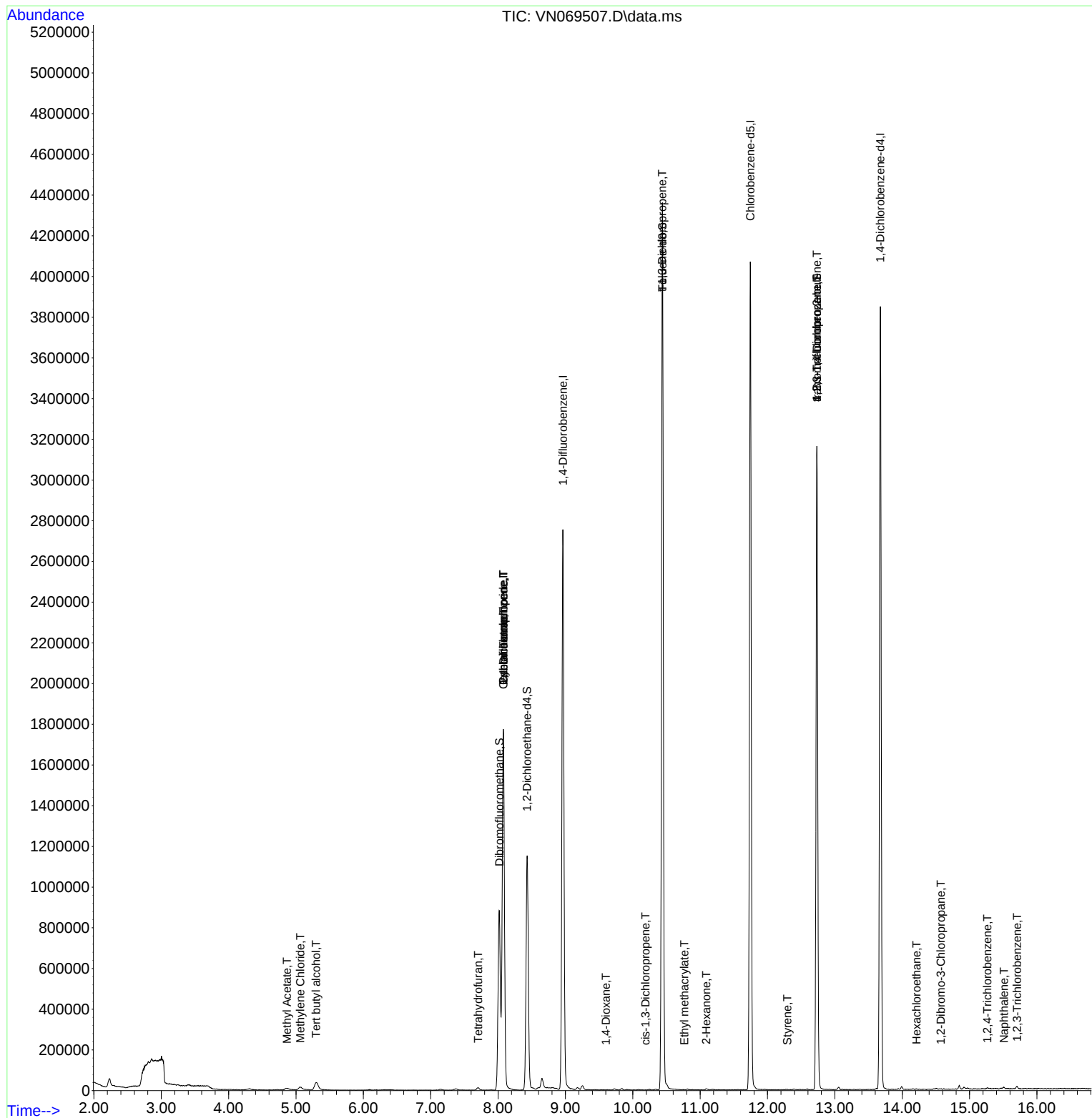
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.296	59	22075	6.438	ug/l #	76
13) Acrolein	4.022	56	103	Below Cal	#	68
18) Methyl Acetate	4.867	43	17207	0.516	ug/l #	60
20) Methylene Chloride	5.063	84	9983	0.686	ug/l #	82
29) Tetrahydrofuran	7.702	42	10231	1.199	ug/l #	86
31) Cyclohexane	8.077	56	32672	1.257	ug/l #	20
36) 1,1-Dichloropropene	8.077	75	113436	5.776	ug/l #	49
38) Carbon Tetrachloride	8.080	117	134753	7.107	ug/l #	16
49) 1,4-Dioxane	9.601	88	25	39.119	ug/l #	1
53) t-1,3-Dichloropropene	10.438	75	982	2.675	ug/l #	1
54) cis-1,3-Dichloropropene	10.188	75	118	1.737	ug/l #	45
56) Ethyl methacrylate	10.767	69	167	2.058	ug/l #	31
59) 2-Hexanone	11.092	43	4755	8.140	ug/l	82
70) Styrene	12.296	104	646	1.532	ug/l #	90
76) 1,2,3-Trichloropropane	12.733	75	600312	26.081	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	600312	74.436	ug/l #	5
90) Hexachloroethane	14.214	117	79	2.169	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.573	75	63	1.809	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	1582	3.208	ug/l	91
95) Naphthalene	15.509	128	6914	4.593	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.705	180	903	3.226	ug/l #	33

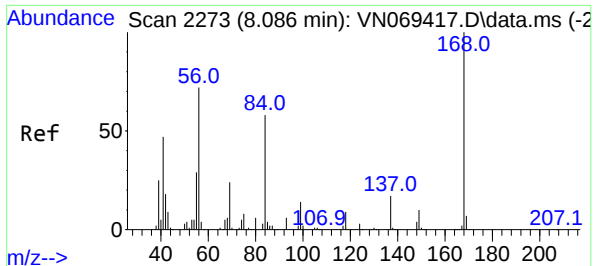
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
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Instrument :
MSVOA_N
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Quant Time: Nov 16 16:18:57 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

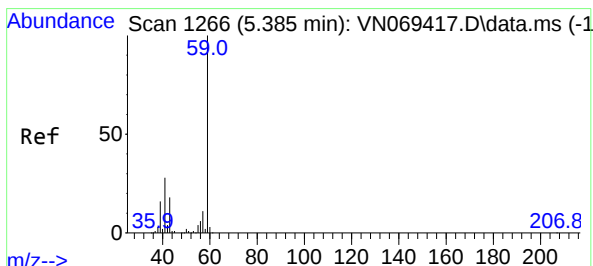
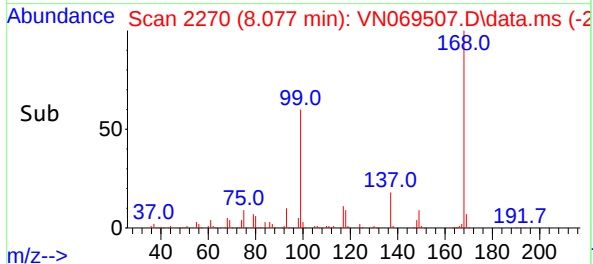
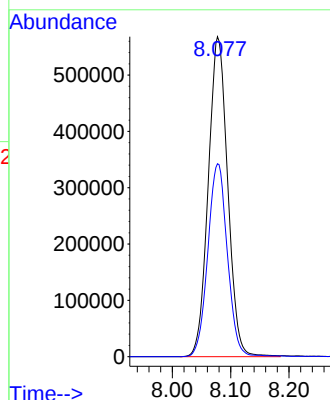
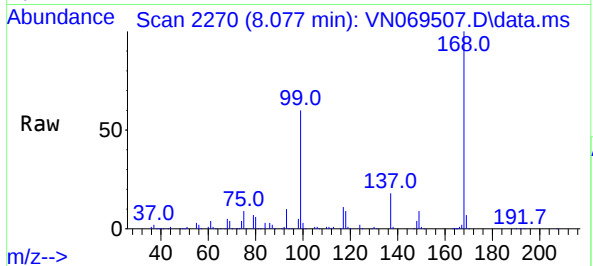




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.009 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

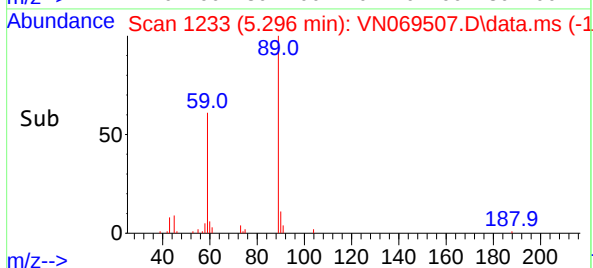
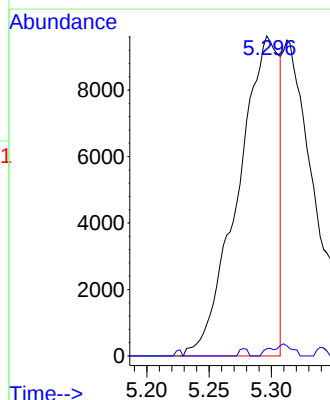
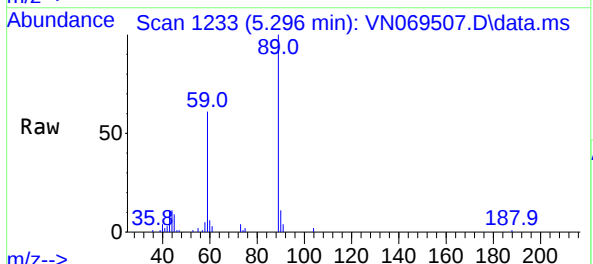
Instrument :
MSVOA_N
ClientSampleId :

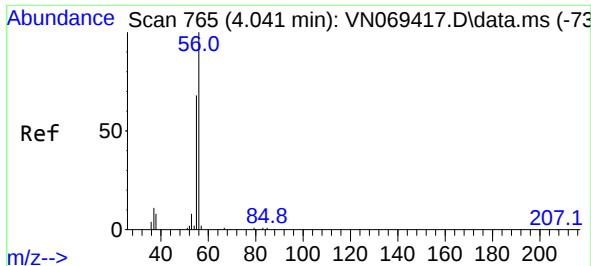
Tgt Ion:168 Resp: 1312316
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 6.438 ug/l
RT: 5.296 min Scan# 1233
Delta R.T. -0.089 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion: 59 Resp: 22075
Ion Ratio Lower Upper
59 100
57 1.9 8.7 13.1#

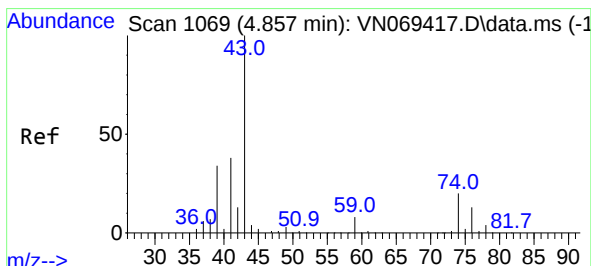
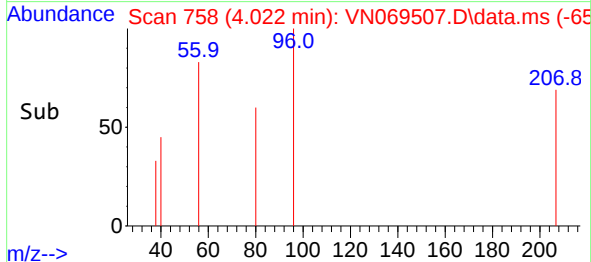
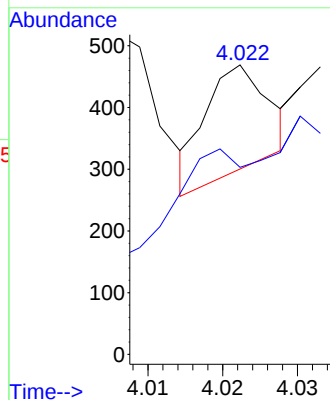
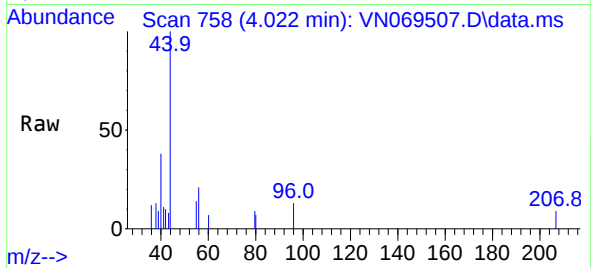




#13
Acrolein
Concen: Below Cal
RT: 4.022 min Scan# 71
Delta R.T. -0.019 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

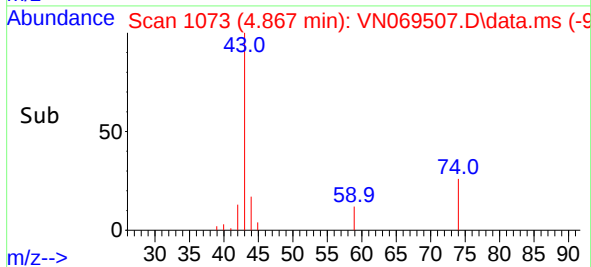
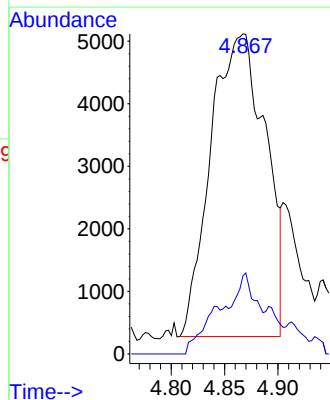
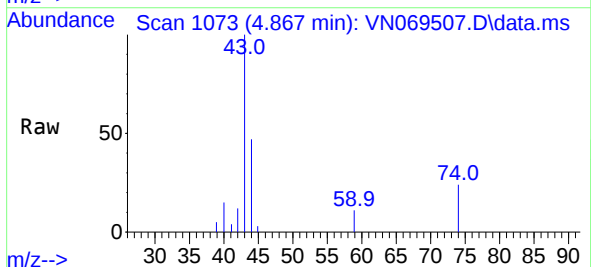
Instrument :
MSVOA_N
ClientSampleId :

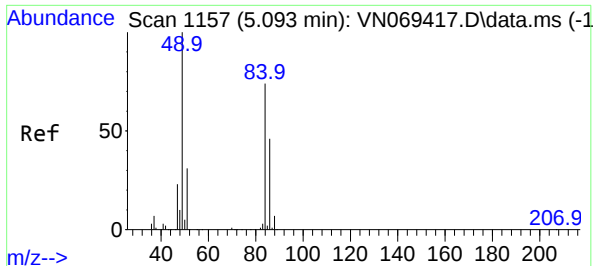
Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 97.1 56.6 85.0#



#18
Methyl Acetate
Concen: 0.516 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

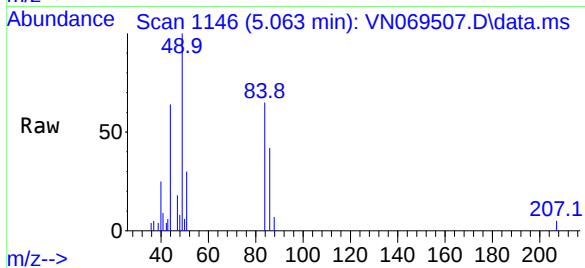
Tgt Ion: 43 Resp: 17207
Ion Ratio Lower Upper
43 100
74 4.3 19.4 29.2#





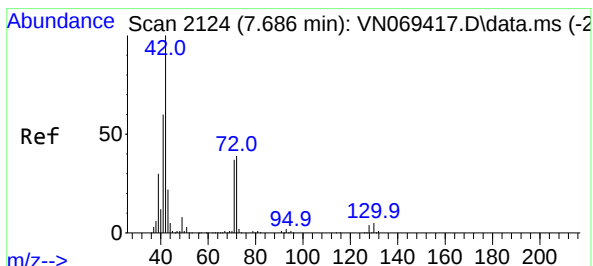
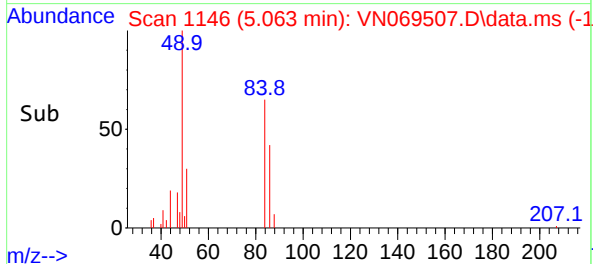
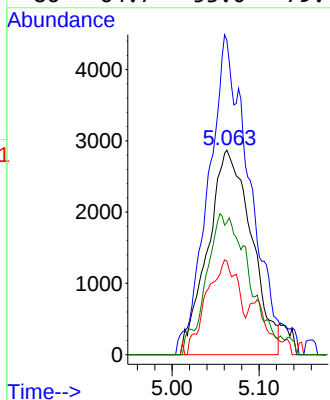
#20
Methylene Chloride
Concen: 0.686 ug/l
RT: 5.063 min Scan# 1157
Delta R.T. -0.030 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 9983

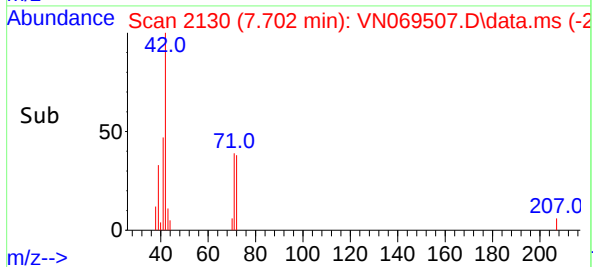
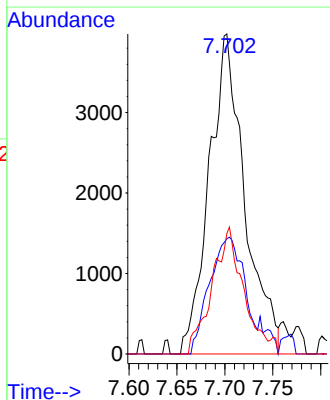
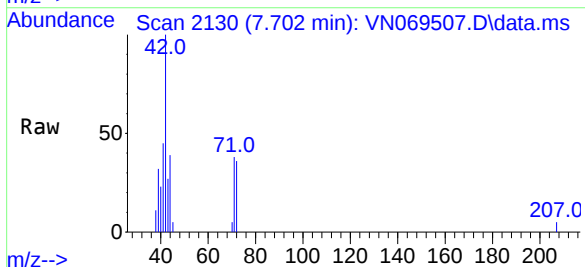
Ion	Ratio	Lower	Upper
84	100		
49	147.1	93.5	140.3#
51	45.8	29.4	44.2#
86	64.7	53.0	79.4

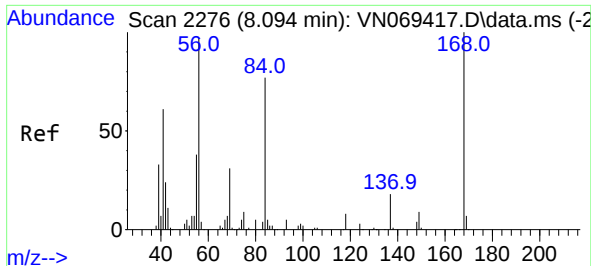


#29
Tetrahydrofuran
Concen: 1.199 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion: 42 Resp: 10231

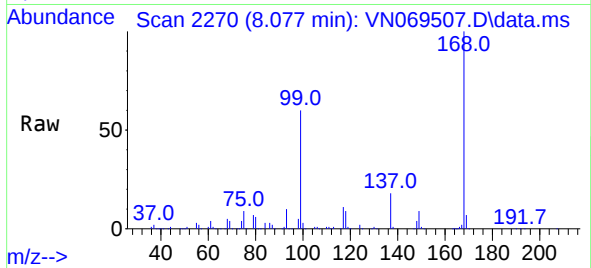
Ion	Ratio	Lower	Upper
42	100		
72	35.9	36.3	54.5#
71	34.6	34.7	52.1#



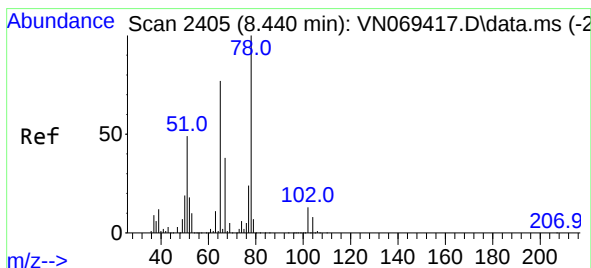
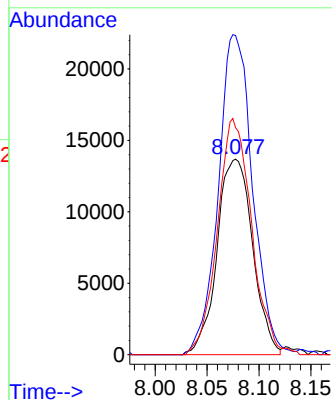
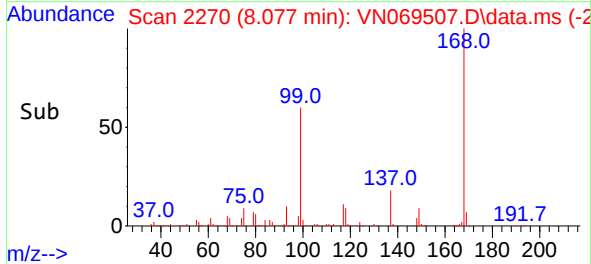


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.077 min Scan# 21
Delta R.T. -0.017 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :

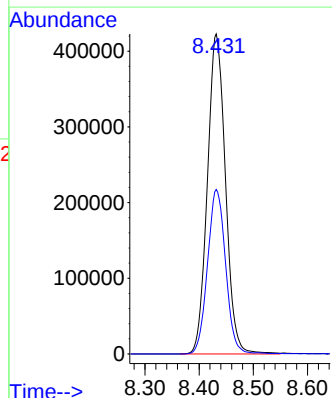
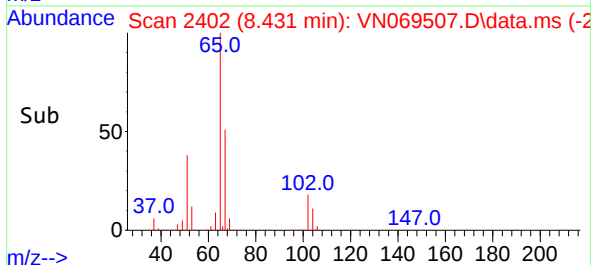
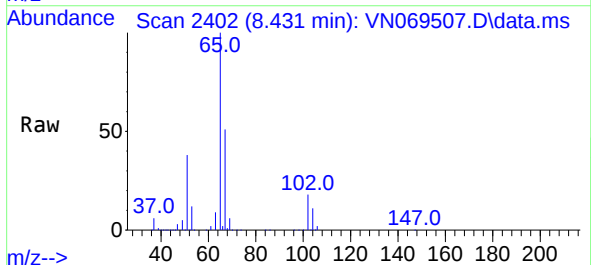


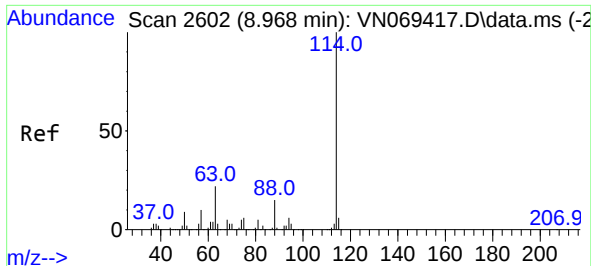
Tgt Ion: 56 Resp: 32672
Ion Ratio Lower Upper
56 100
69 163.2 27.1 40.7#
84 116.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.552 ug/l
RT: 8.431 min Scan# 2402
Delta R.T. -0.009 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

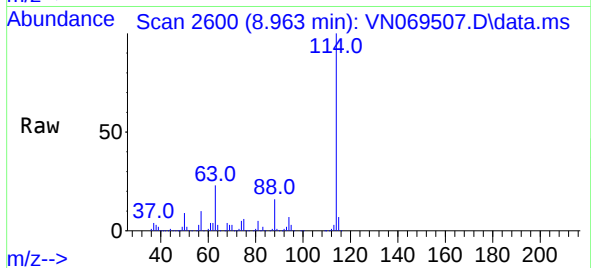
Tgt Ion: 65 Resp: 980921
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0



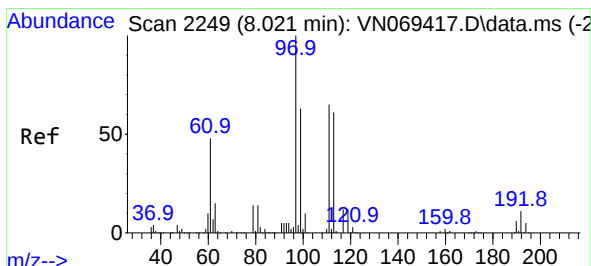
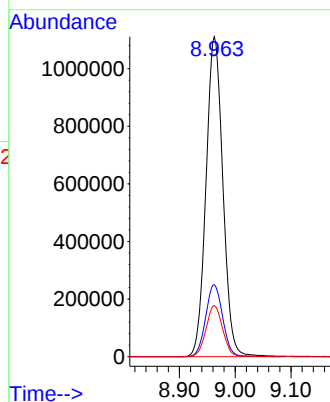
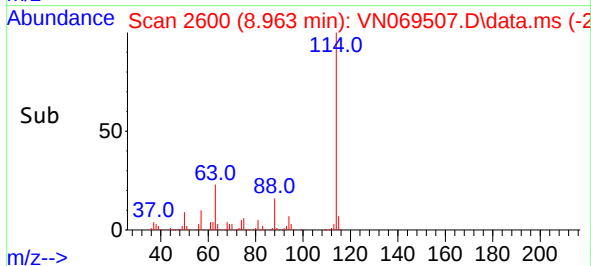


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :

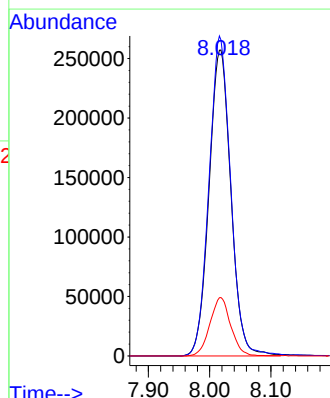
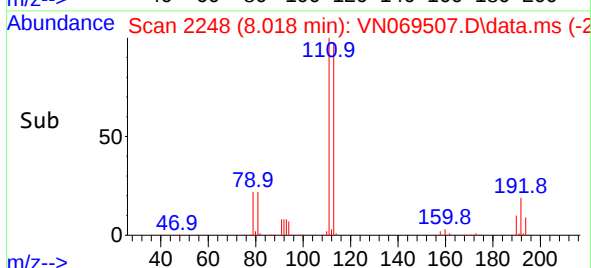
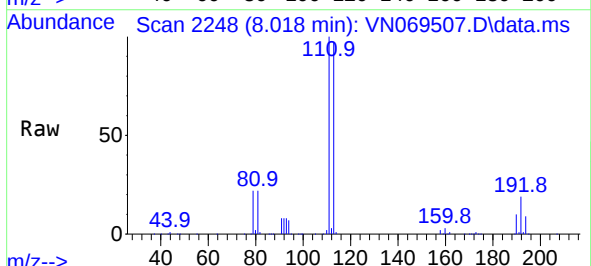


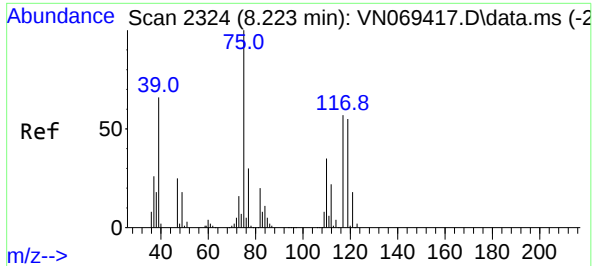
Tgt Ion:114 Resp: 2334040
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.563 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion:113 Resp: 637821
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.2 16.9 25.3

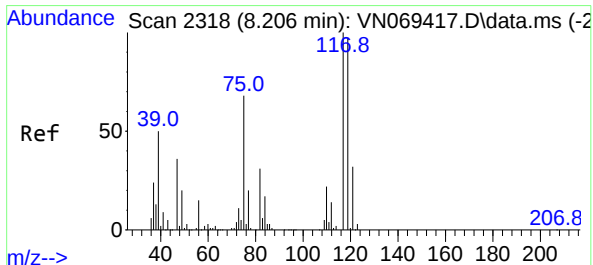
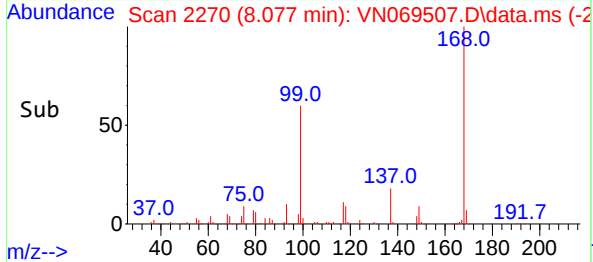
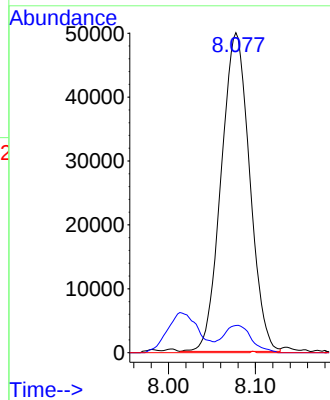
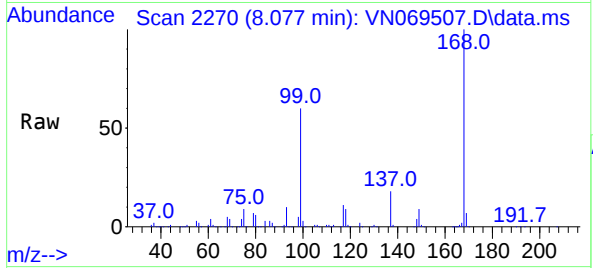




#36
1,1-Dichloropropene
Concen: 5.776 ug/l
RT: 8.077 min Scan# 211
Delta R.T. -0.146 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

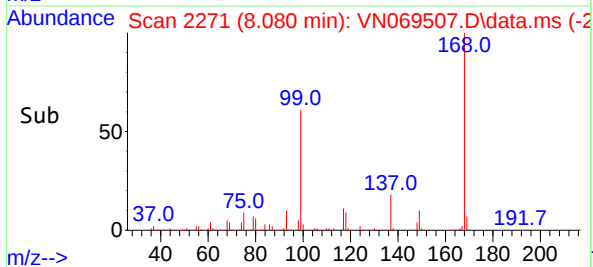
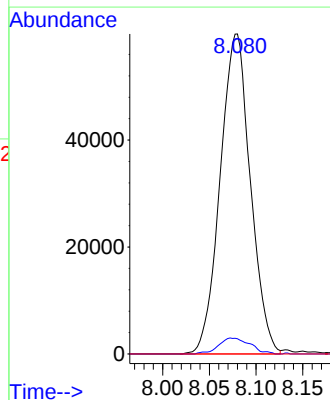
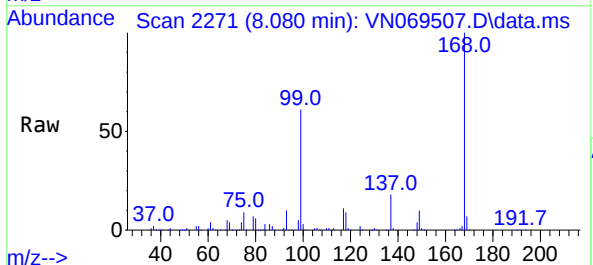
Instrument :
MSVOA_N
ClientSampleId :

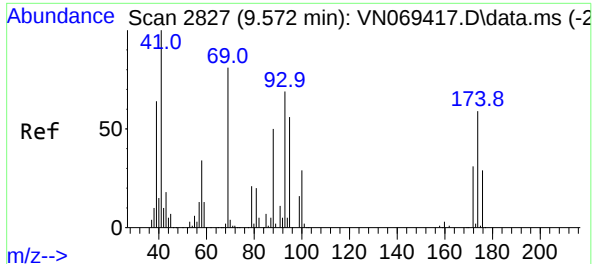
Tgt Ion: 75 Resp: 113436
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.107 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

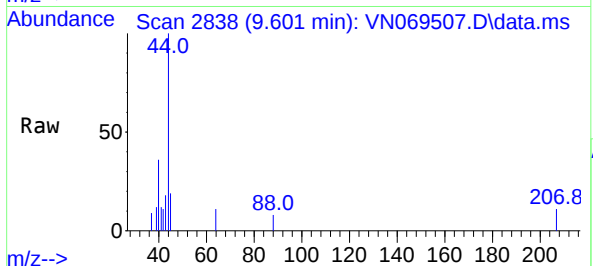
Tgt Ion: 117 Resp: 134753
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



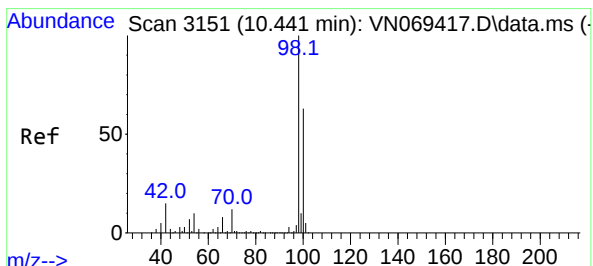
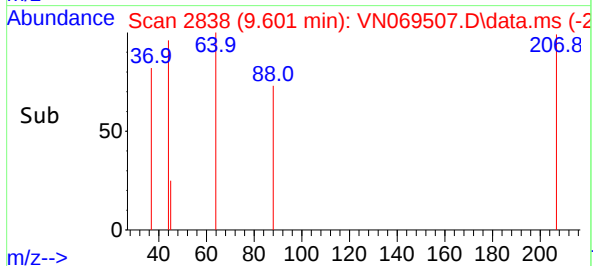
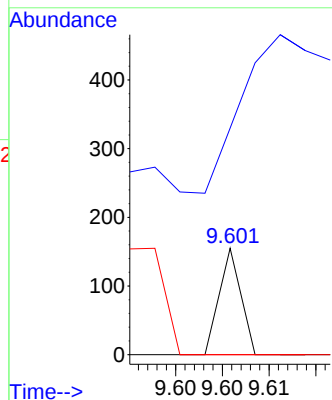


#49
1,4-Dioxane
Concen: 39.119 ug/l
RT: 9.601 min Scan# 21
Delta R.T. 0.029 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :

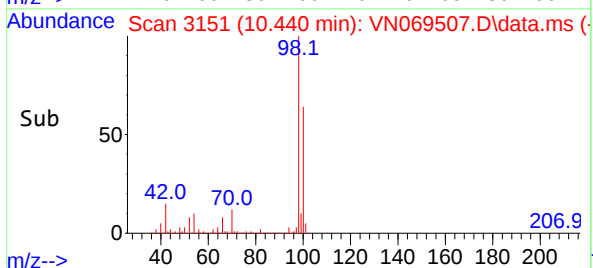
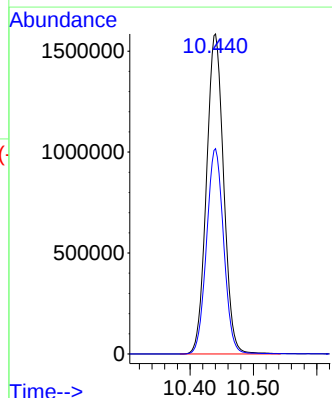
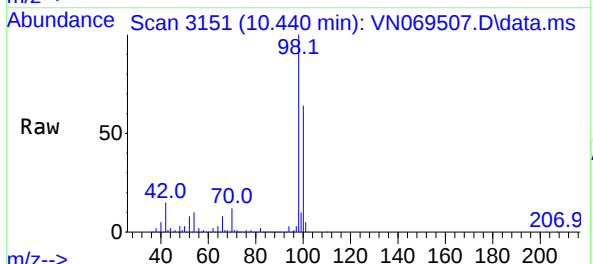


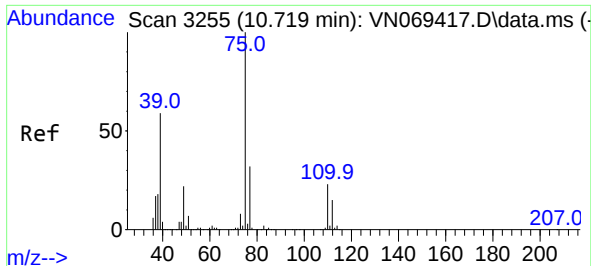
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 200.0 50.6 75.8#



#50
Toluene-d8
Concen: 54.167 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

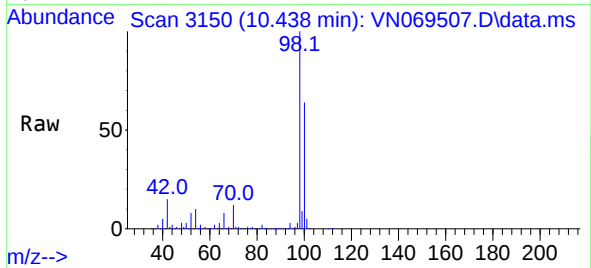
Tgt Ion: 98 Resp: 2982203
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



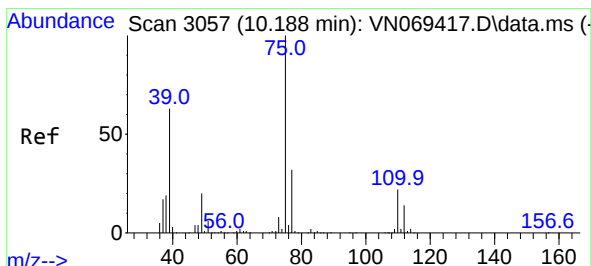
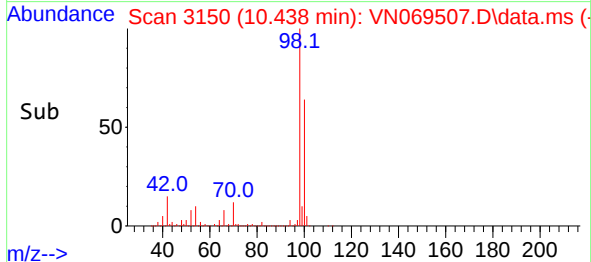
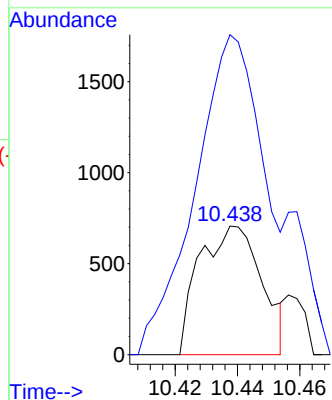


#53
t-1,3-Dichloropropene
Concen: 2.675 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.281 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :

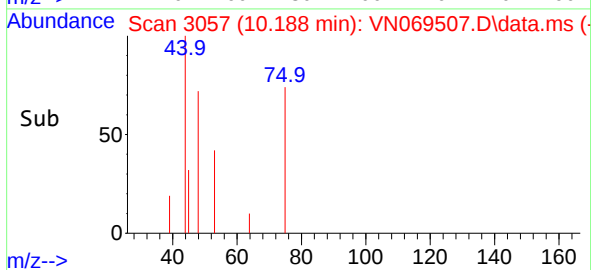
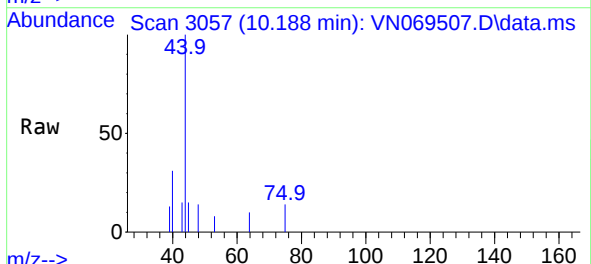
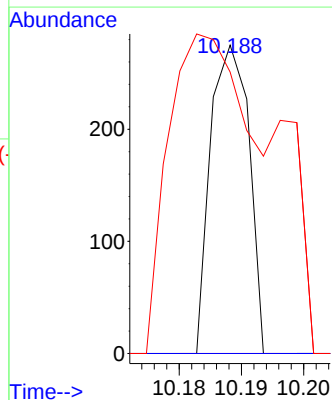


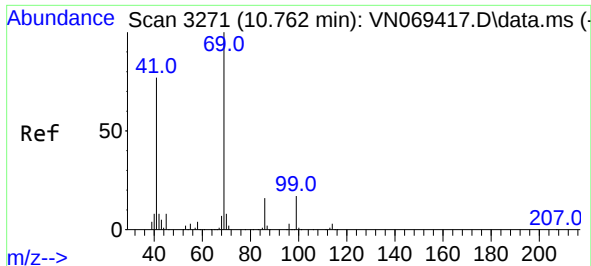
Tgt Ion: 75 Resp: 982
Ion Ratio Lower Upper
75 100
77 171.0 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 1.737 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

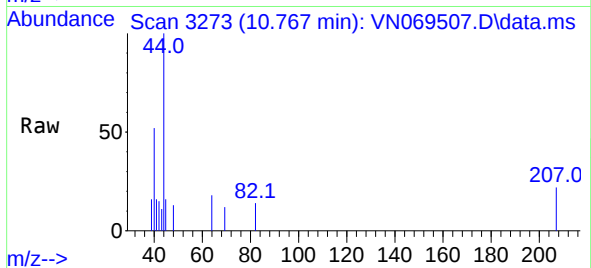
Tgt Ion: 75 Resp: 118
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 15.6 42.5 63.7#





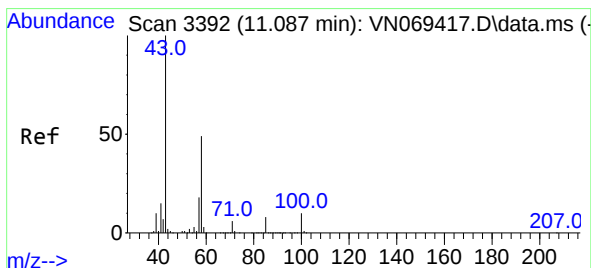
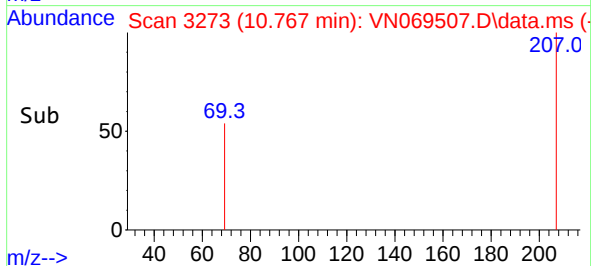
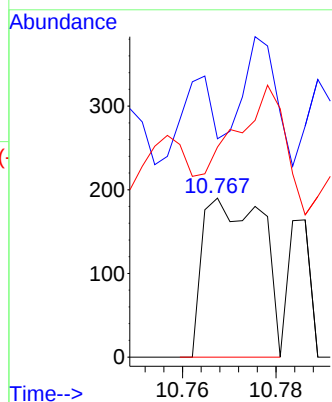
#56
Ethyl methacrylate
Concen: 2.058 ug/l
RT: 10.767 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 69 Resp: 167

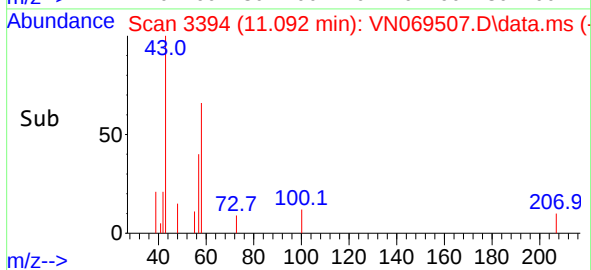
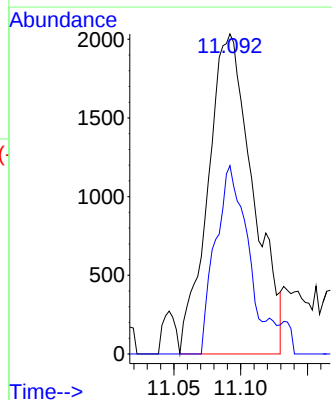
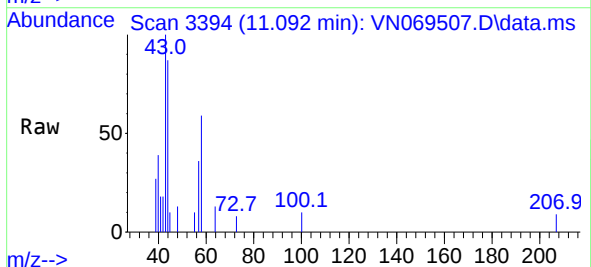
Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	76.0	34.6	52.0#

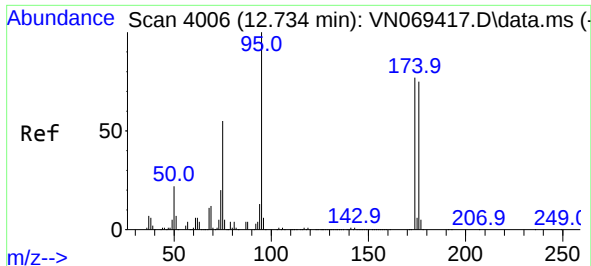


#59
2-Hexanone
Concen: 8.140 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion: 43 Resp: 4755

Ion	Ratio	Lower	Upper
43	100		
58	40.8	26.9	80.7

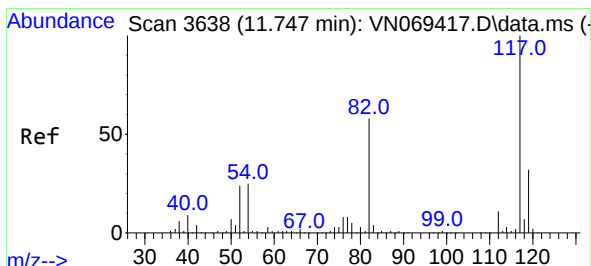
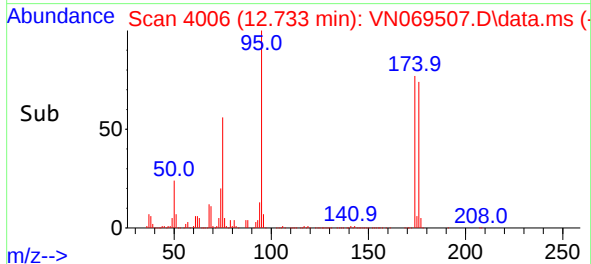
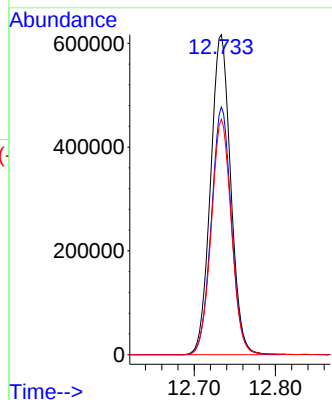
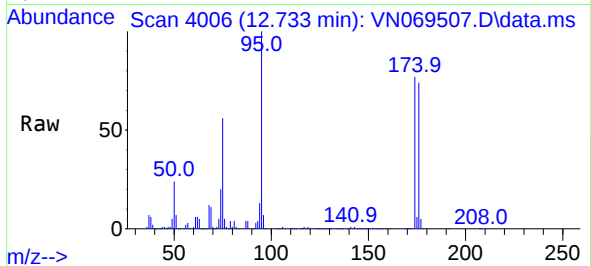




#62
4-Bromofluorobenzene
Concen: 52.444 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

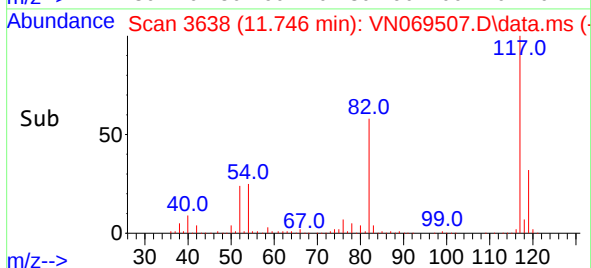
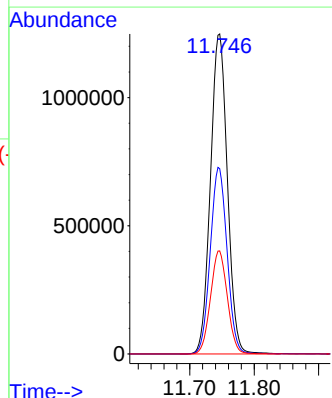
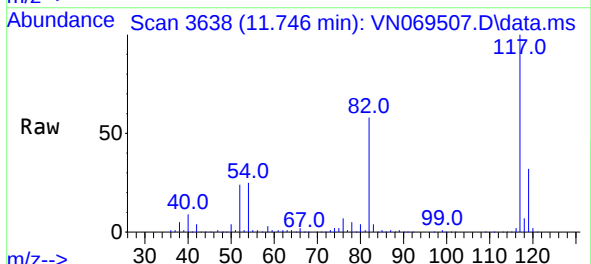
Instrument :
MSVOA_N
ClientSampleId :

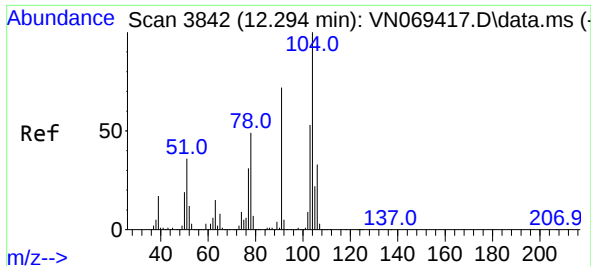
Tgt Ion: 95 Resp: 1060705
Ion Ratio Lower Upper
95 100
174 77.2 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

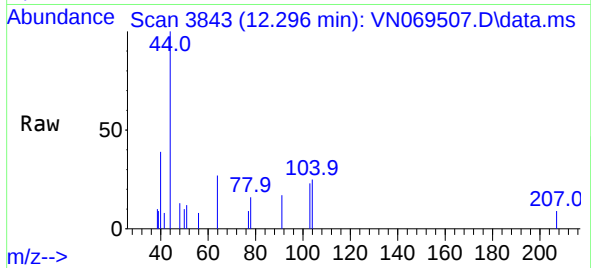
Tgt Ion: 117 Resp: 2280296
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.2 25.4 38.2



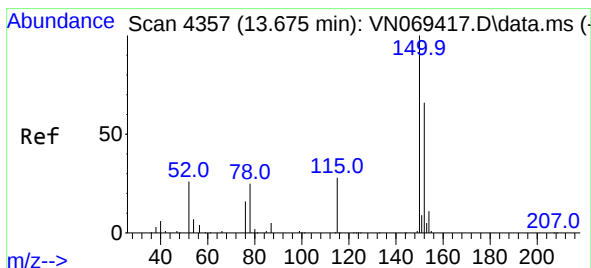
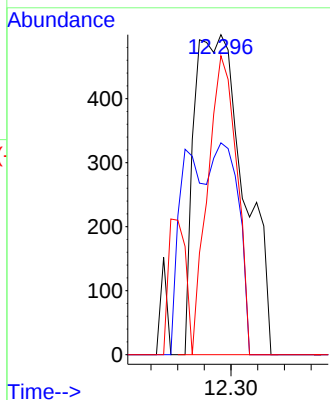
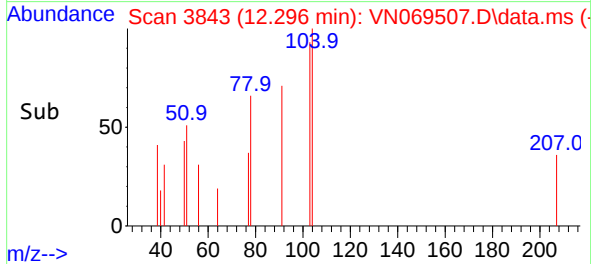


#70
Styrene
Concen: 1.532 ug/l
RT: 12.296 min Scan# 3842
Delta R.T. 0.002 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Instrument :
MSVOA_N
ClientSampleId :

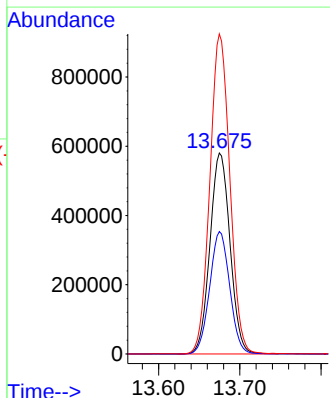
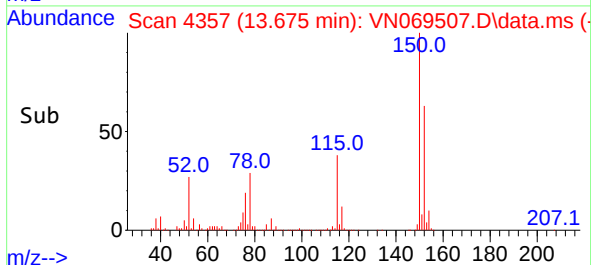
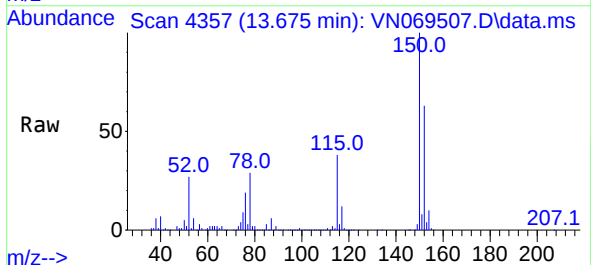


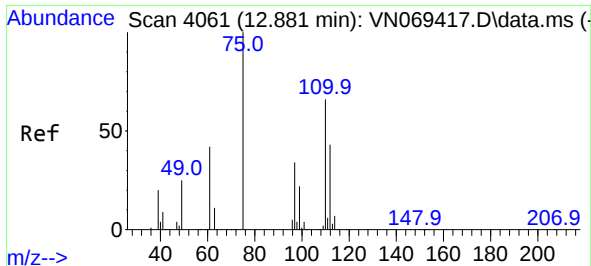
Tgt Ion:104 Resp: 646
Ion Ratio Lower Upper
104 100
78 35.9 38.7 58.1#
103 54.8 45.0 67.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion:152 Resp: 997376
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.9 0.0 344.4

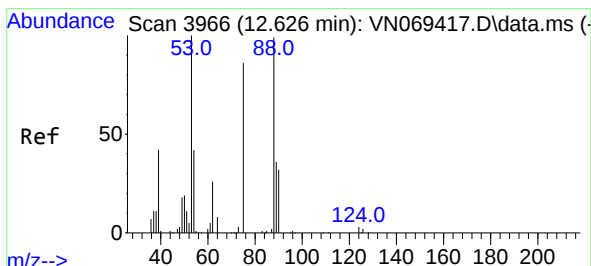
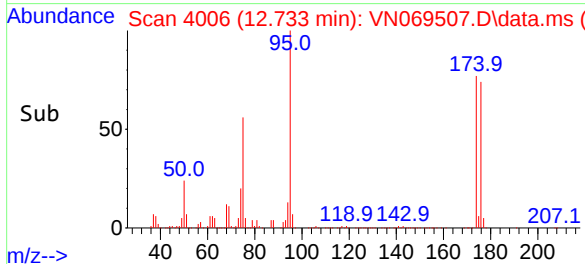
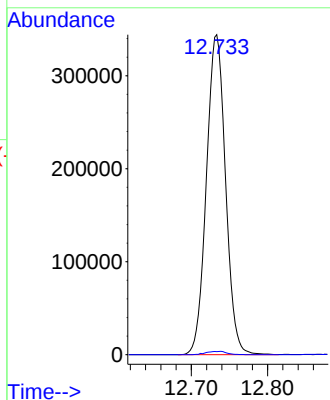
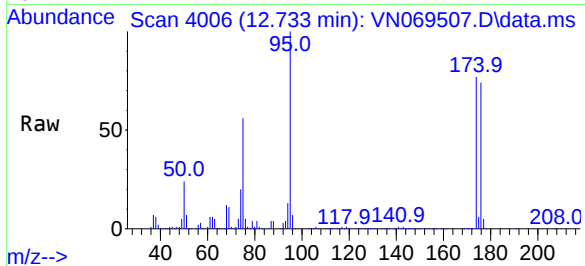




#76
1,2,3-Trichloropropane
Concen: 26.081 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

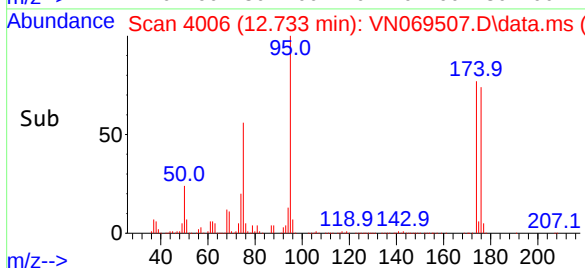
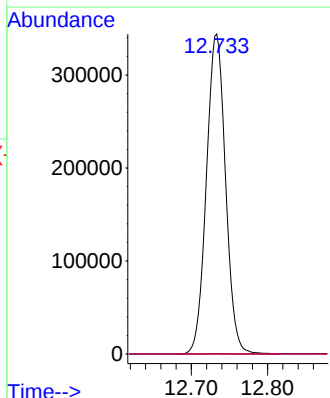
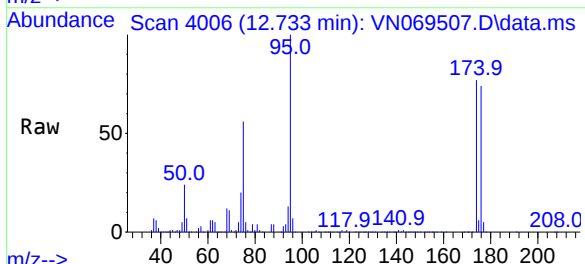
Instrument :
MSVOA_N
ClientSampleId :

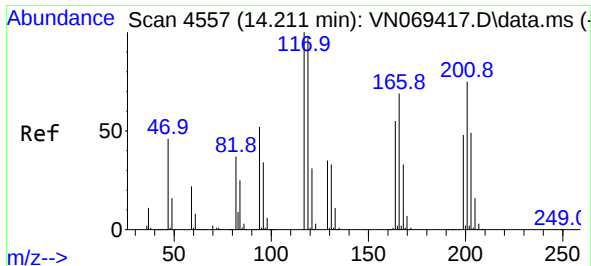
Tgt Ion: 75 Resp: 600312
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.436 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

Tgt Ion: 75 Resp: 600312
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

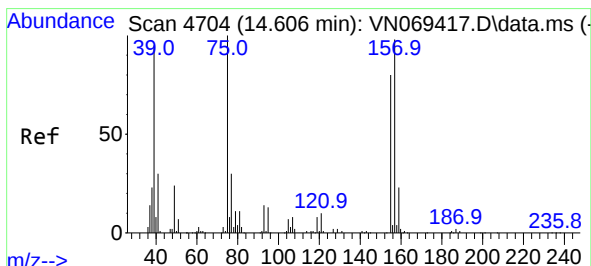
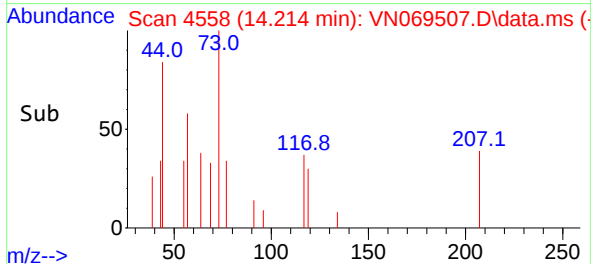
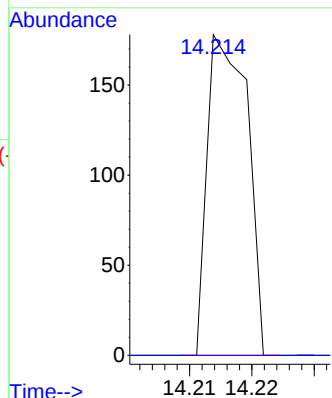
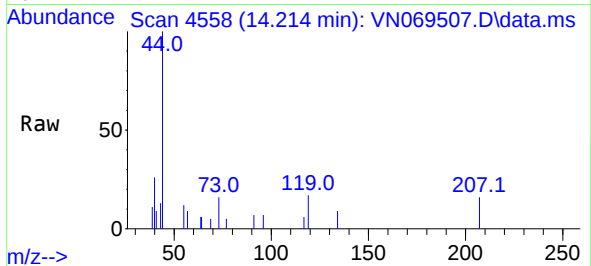




#90
Hexachloroethane
Concen: 2.169 ug/l
RT: 14.214 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

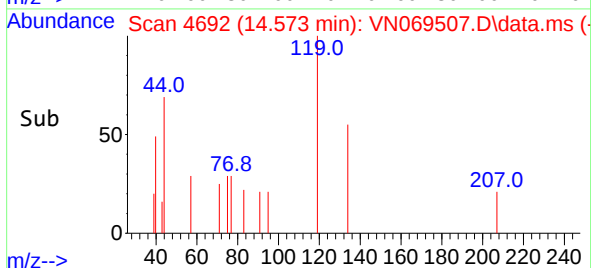
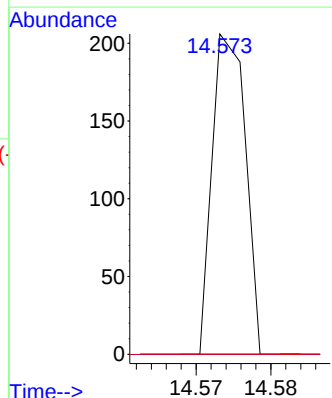
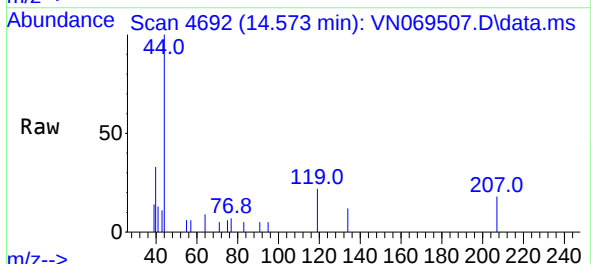
Instrument :
MSVOA_N
ClientSampleId :

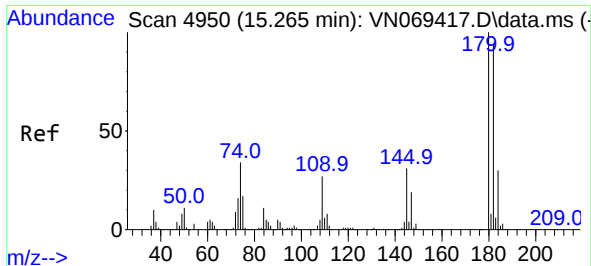
Tgt Ion:117 Resp: 79
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.809 ug/l
RT: 14.573 min Scan# 4692
Delta R.T. -0.033 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

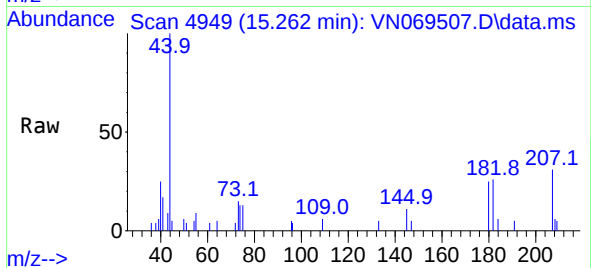
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



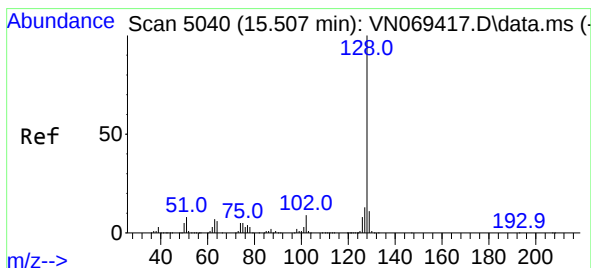
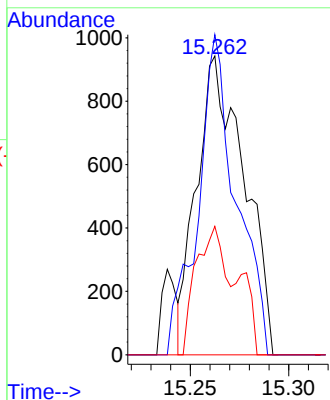
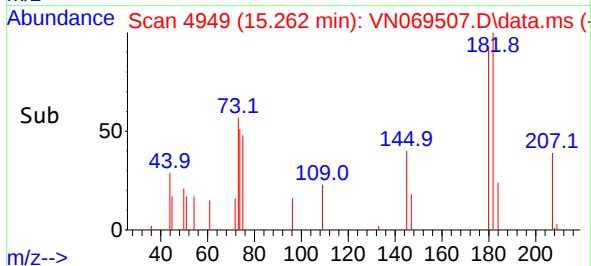


#93
1,2,4-Trichlorobenzene
Concen: 3.208 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37

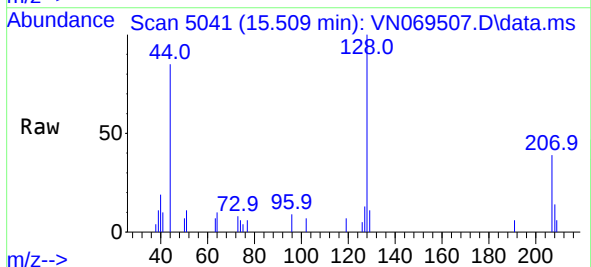
Instrument :
MSVOA_N
ClientSampleId :



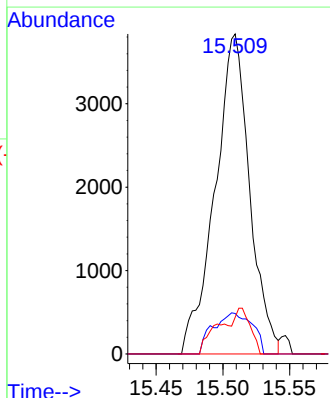
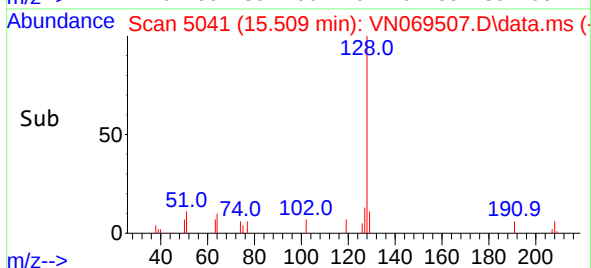
Tgt Ion:180 Resp: 1582
Ion Ratio Lower Upper
180 100
182 86.1 48.3 144.9
145 26.9 14.5 43.5

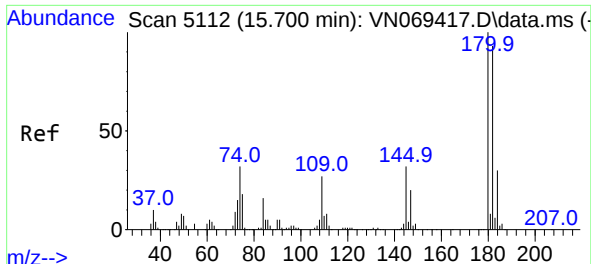


#95
Naphthalene
Concen: 4.593 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069507.D
Acq: 16 Nov 2021 14:37



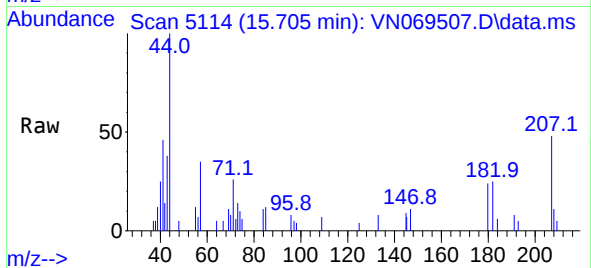
Tgt Ion:128 Resp: 6914
Ion Ratio Lower Upper
128 100
127 14.5 10.5 15.7
129 6.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.226 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.005 min
 Lab File: VN069507.D
 Acq: 16 Nov 2021 14:37

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 903
 Ion Ratio Lower Upper
 180 100
 182 162.6 47.4 142.2#
 145 62.5 15.0 45.1#

