

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069791.D
 Acq On : 6 Dec 2021 18:27
 Operator : JC/MD
 Sample : M4950-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 03:49:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

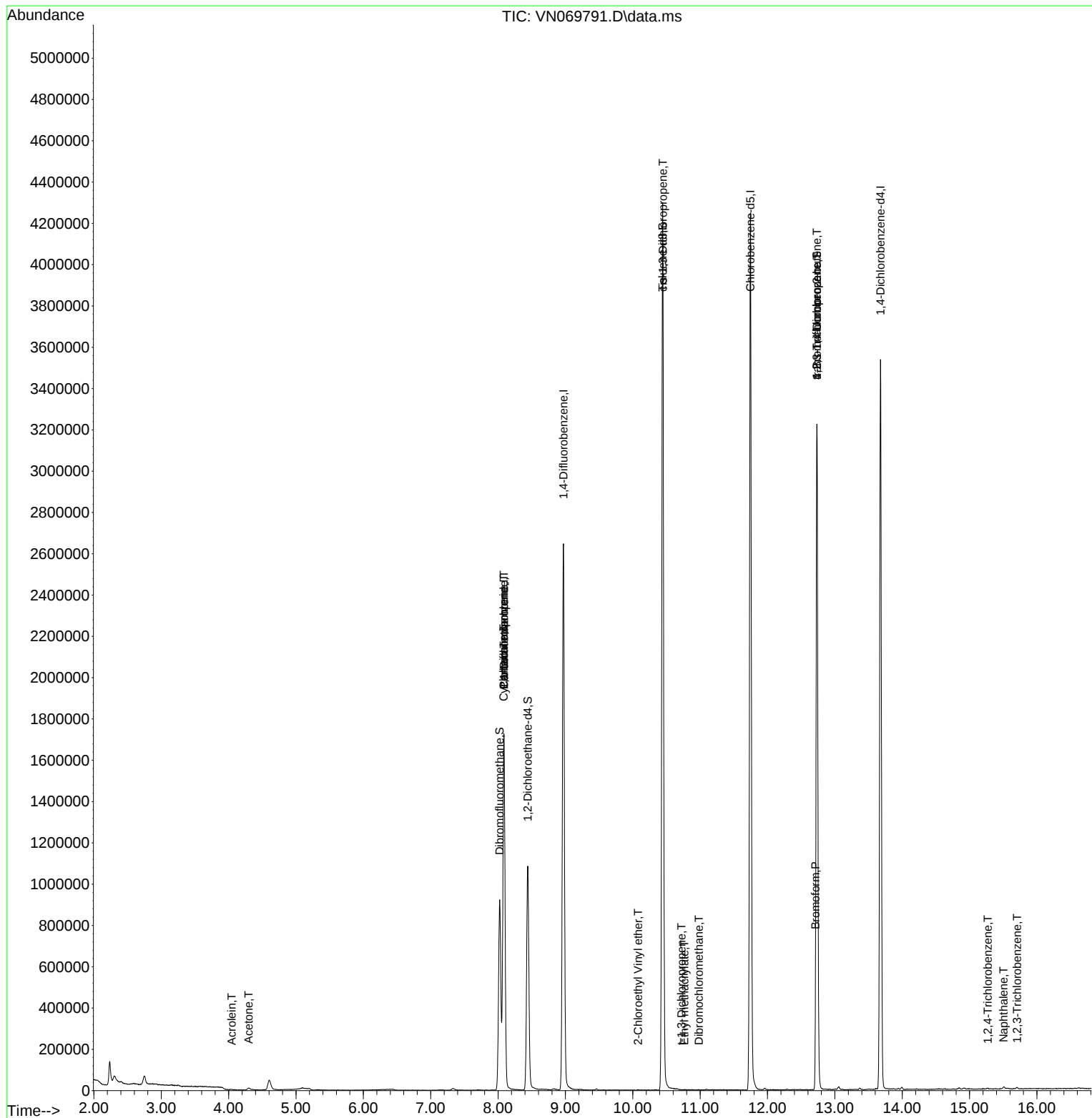
Internal Standards						
1) Pentafluorobenzene	8.086	168	1264861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2245115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2392019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	935036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	940579	48.162	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.320%		
35) Dibromofluoromethane	8.024	113	659925	46.927	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.860%		
50) Toluene-d8	10.443	98	2889238	51.167	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.340%		
62) 4-Bromofluorobenzene	12.734	95	1134913	55.478	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.960%		
Target Compounds						Qvalue
13) Acrolein	4.044	56	809	0.257	ug/l #	67
16) Acetone	4.296	43	14188	1.208	ug/l	92
31) Cyclohexane	8.083	56	32983	1.214	ug/l #	32
36) 1,1-Dichloropropene	8.086	75	109063	5.103	ug/l #	49
38) Carbon Tetrachloride	8.086	117	131992	6.298	ug/l #	16
53) t-1,3-Dichloropropene	10.722	75	128	2.799	ug/l #	69
54) cis-1,3-Dichloropropene	10.446	75	859	2.029	ug/l #	1
56) Ethyl methacrylate	10.768	69	154	2.284	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.078	63	27	18.392	ug/l #	45
60) Dibromochloromethane	10.982	129	249	2.390	ug/l #	11
71) Bromoform	12.712	173	417	2.758	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	633545	23.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	633545	75.108	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.271	180	1092	2.945	ug/l	92
95) Naphthalene	15.504	128	8563	4.158	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.705	180	1465	2.529	ug/l	61

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

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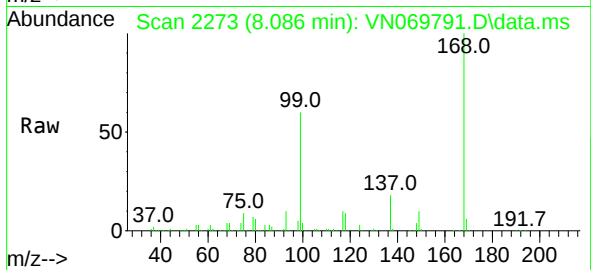
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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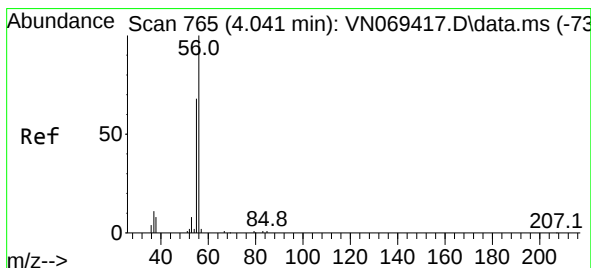
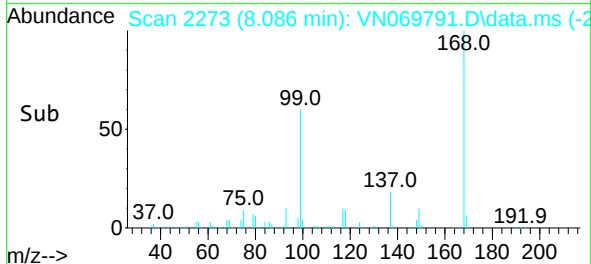
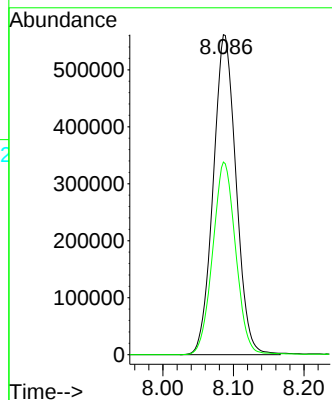


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Instrument :
MSVOA_N
ClientSampleId :

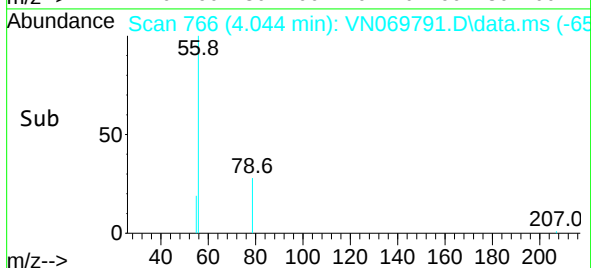
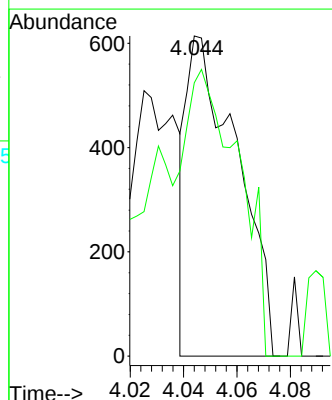
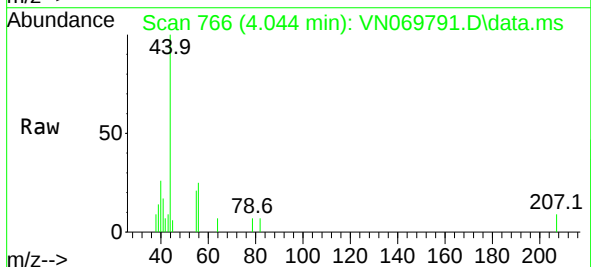


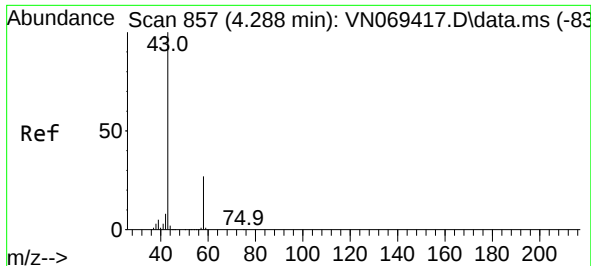
Tgt Ion:168 Resp: 1264861
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#13
Acrolein
Concen: 0.257 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Tgt Ion: 56 Resp: 809
Ion Ratio Lower Upper
56 100
55 98.4 56.6 85.0#

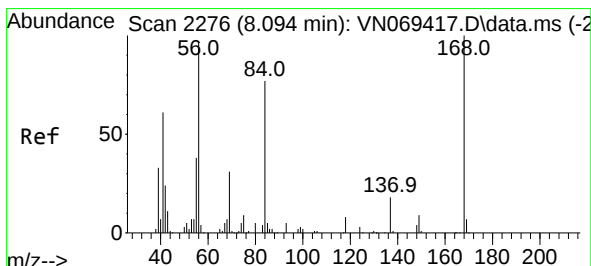
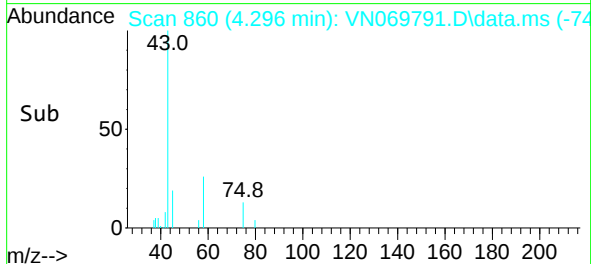
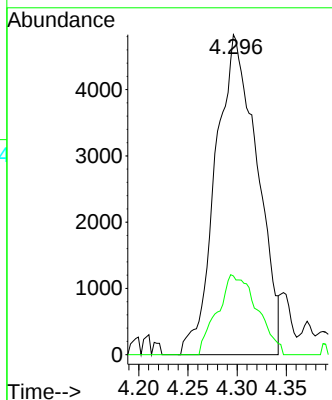
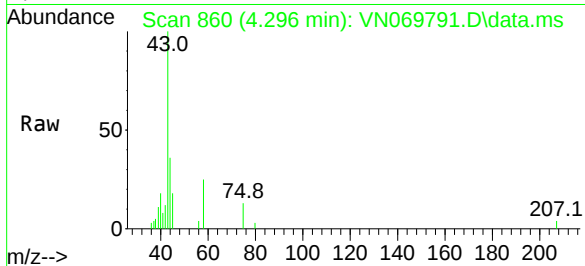




#16
Acetone
Concen: 1.208 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

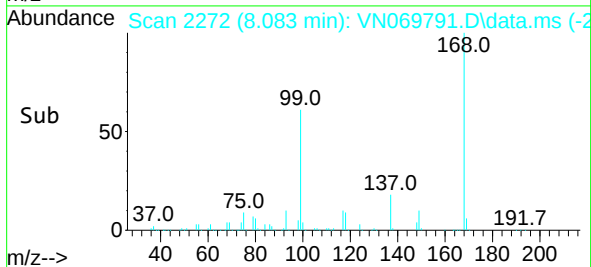
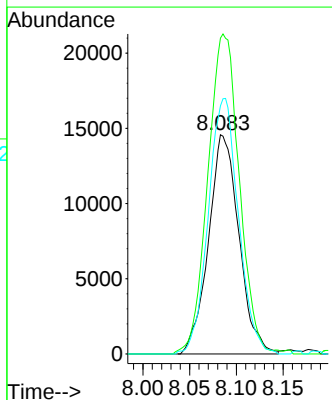
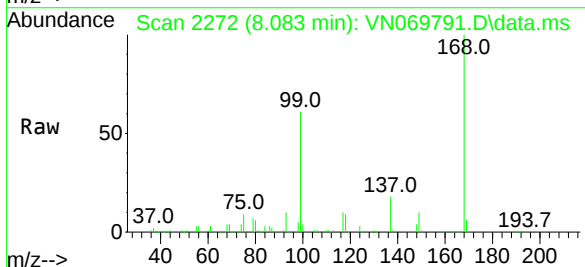
Instrument :
MSVOA_N
ClientSampleId :

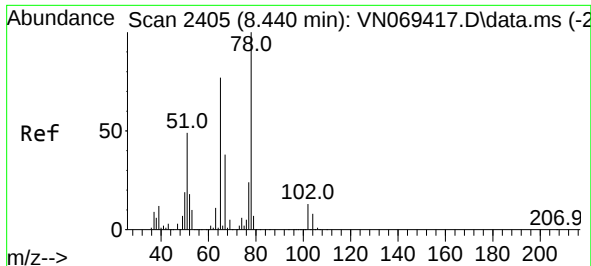
Tgt Ion: 43 Resp: 14188
Ion Ratio Lower Upper
43 100
58 24.6 23.1 34.7



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

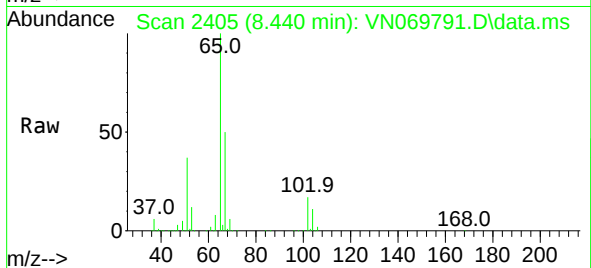
Tgt Ion: 56 Resp: 32983
Ion Ratio Lower Upper
56 100
69 142.5 27.1 40.7#
84 113.2 73.4 110.0#





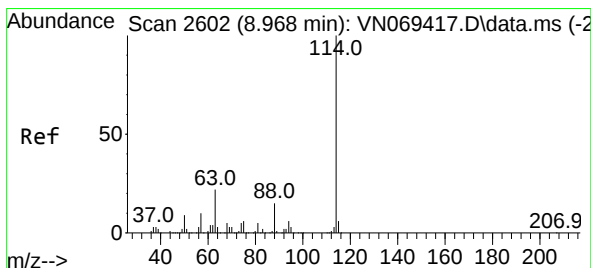
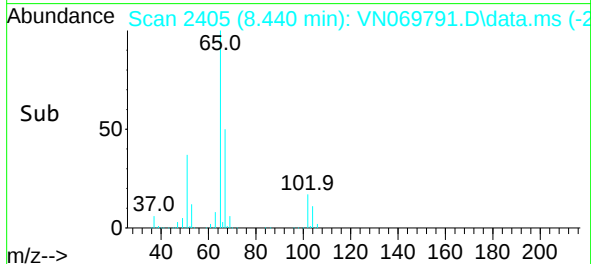
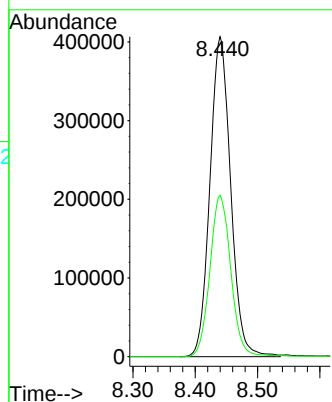
#33
 1,2-Dichloroethane-d4
 Concen: 48.162 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN069791.D
 Acq: 6 Dec 2021 18:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 65 Resp: 940579

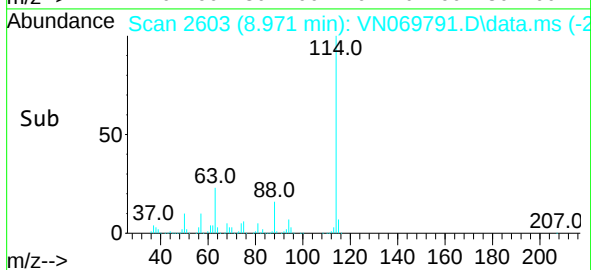
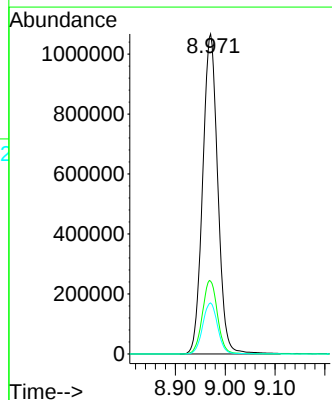
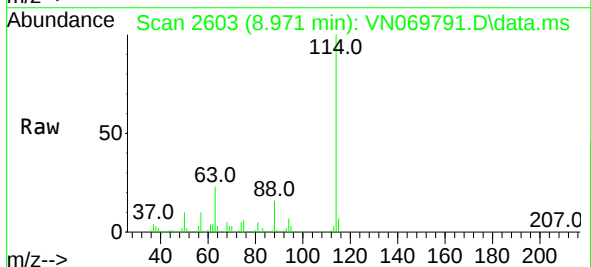
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

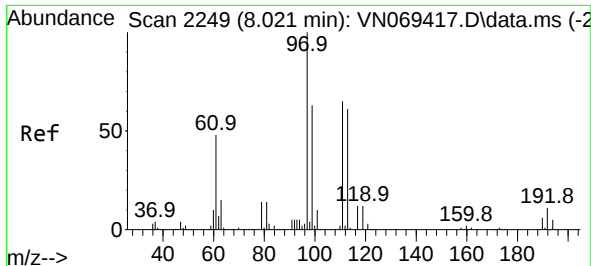


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069791.D
 Acq: 6 Dec 2021 18:27

Tgt Ion: 114 Resp: 2245115

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	37.8
88	15.9	0.0	27.4

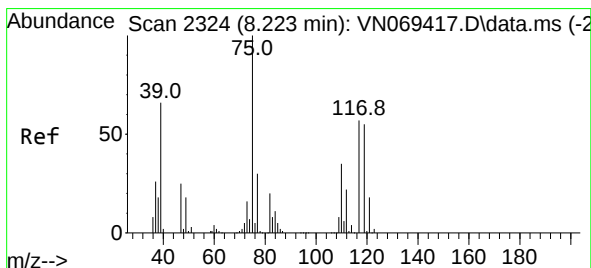
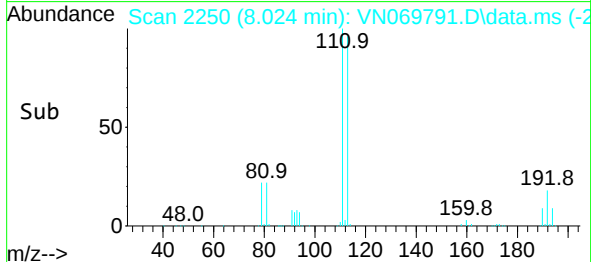
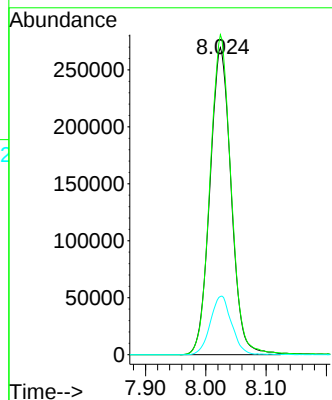
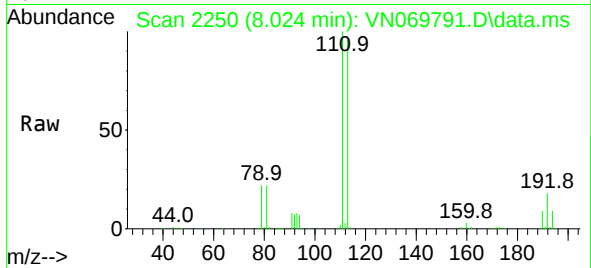




#35
Dibromofluoromethane
Concen: 46.927 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

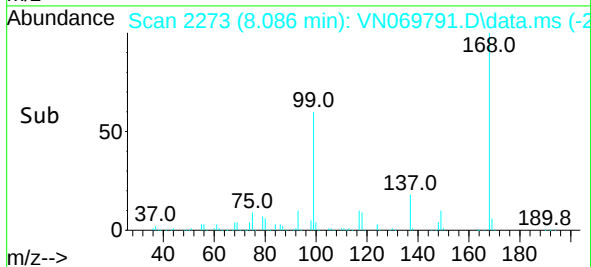
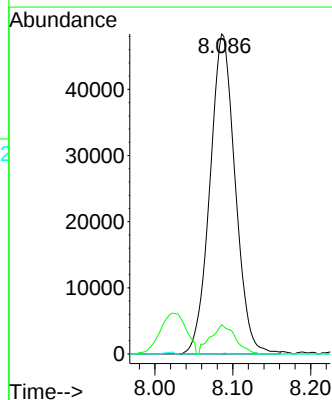
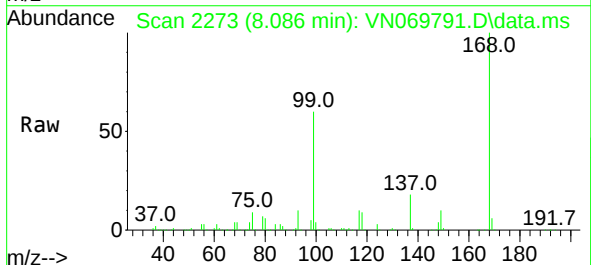
Instrument :
MSVOA_N
ClientSampleId :

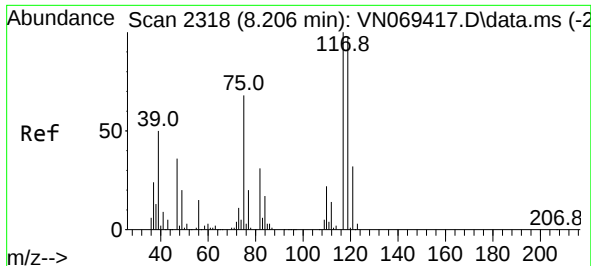
Tgt Ion:113 Resp: 659925
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

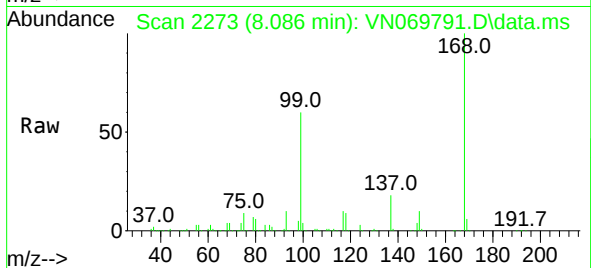
Tgt Ion: 75 Resp: 109063
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#



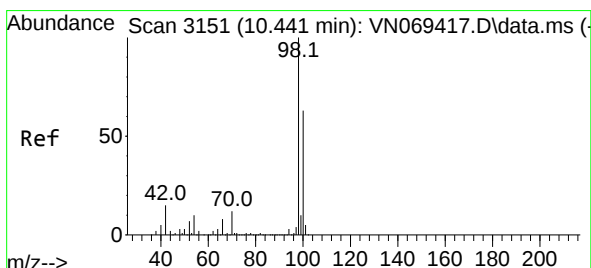
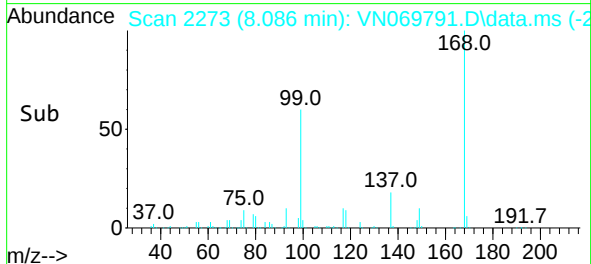
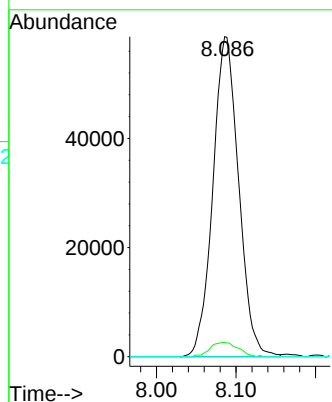


#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Instrument :
MSVOA_N
ClientSampleId :

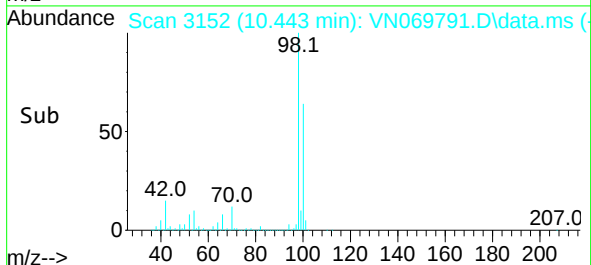
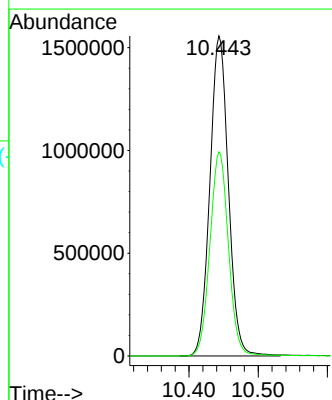
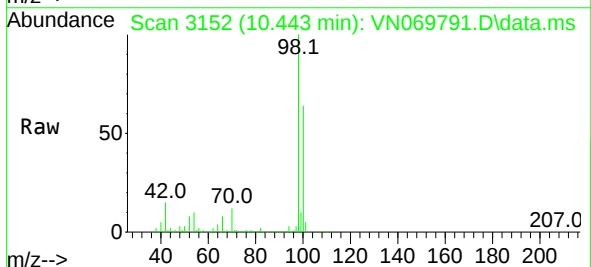


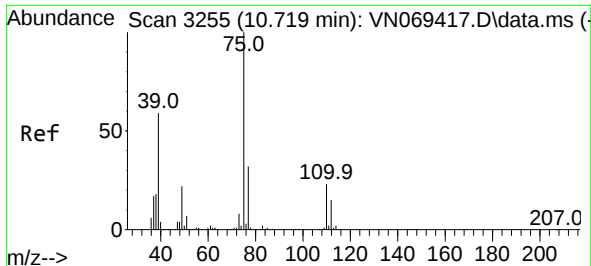
Tgt Ion:117 Resp: 131992
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Tgt Ion: 98 Resp: 2889238
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

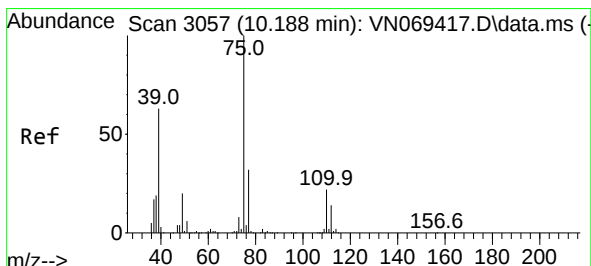
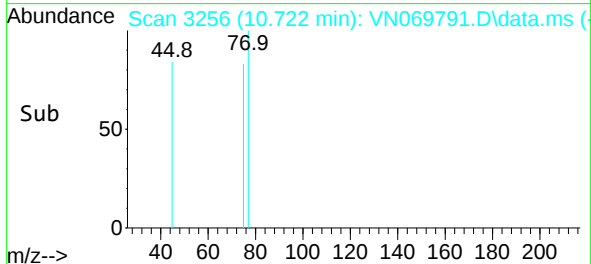
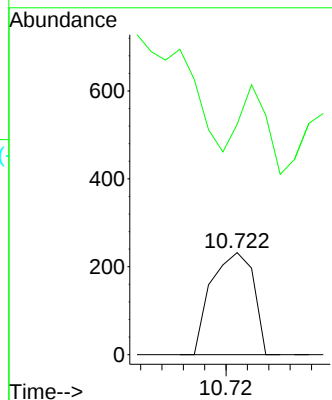
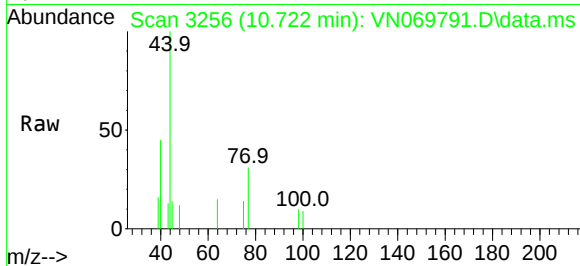




#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.722 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

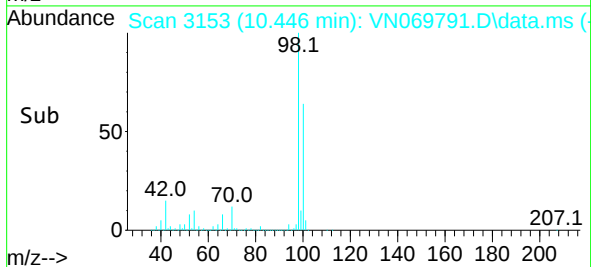
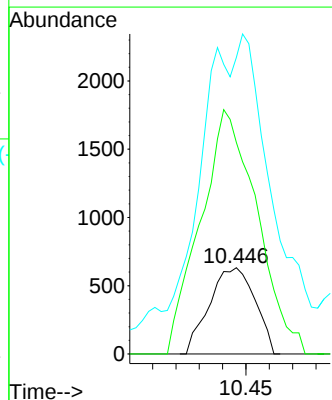
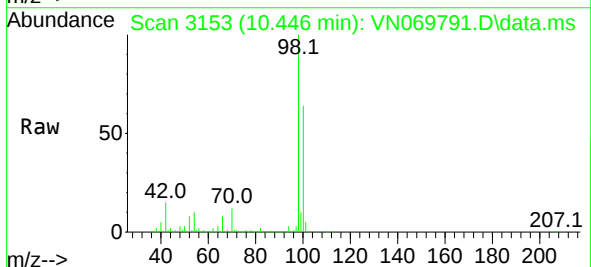
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MSVOA_N
ClientSampleId :

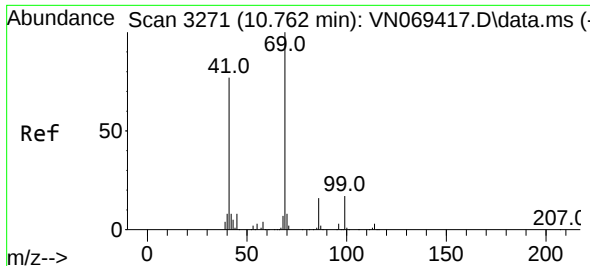
Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
77 49.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.029 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.255 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Tgt Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
77 193.7 26.4 39.6#
39 254.0 42.5 63.7#

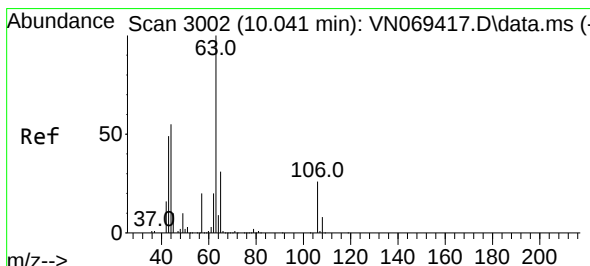
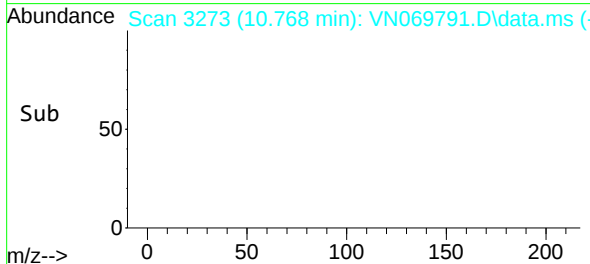
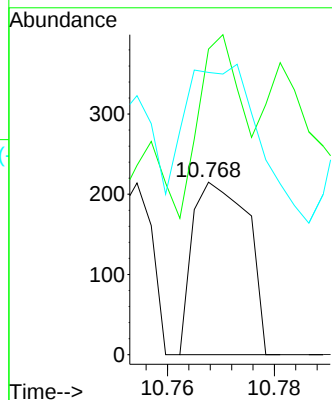
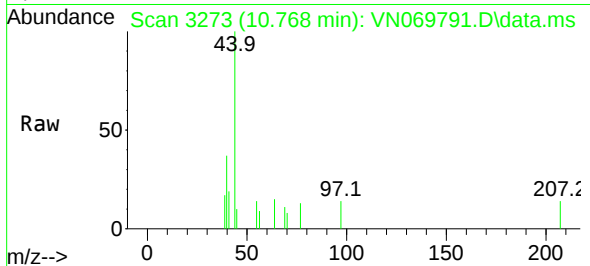




#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.768 min Scan# 3016
Delta R.T. 0.006 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

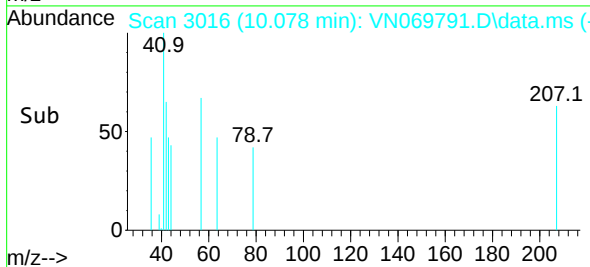
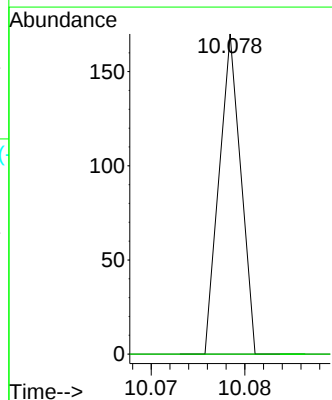
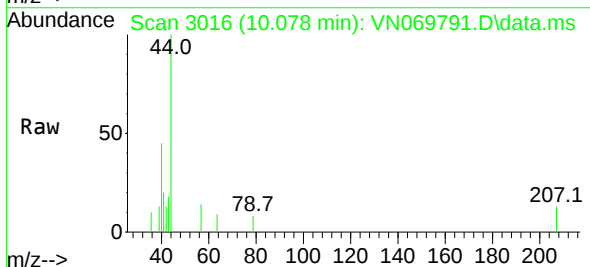
Instrument :
MSVOA_N
ClientSampleId :

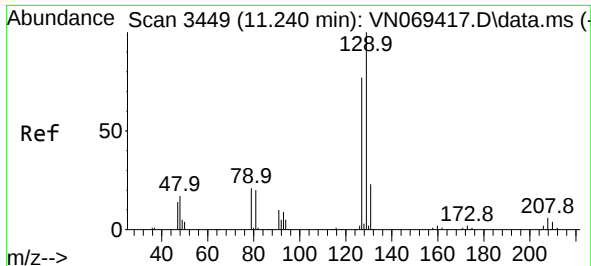
Tgt Ion: 69 Resp: 154
Ion Ratio Lower Upper
69 100
41 83.8 51.4 77.0#
39 224.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.392 ug/l
RT: 10.078 min Scan# 3016
Delta R.T. 0.035 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

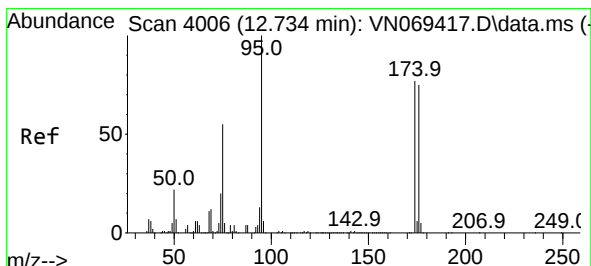
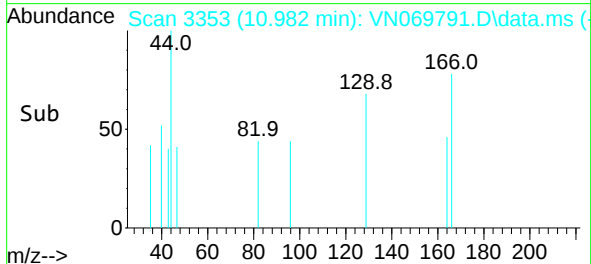
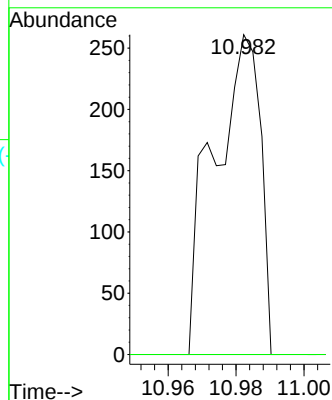
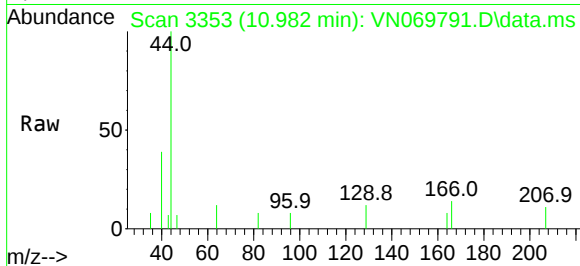




#60
Dibromochloromethane
Concen: 2.390 ug/l
RT: 10.982 min Scan# 31
Delta R.T. -0.258 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

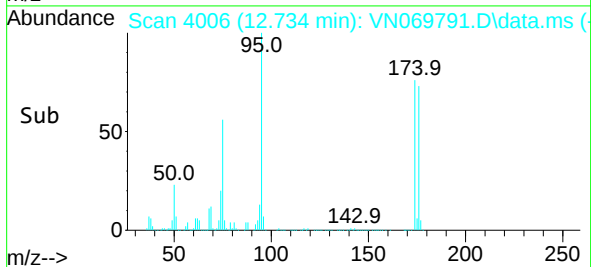
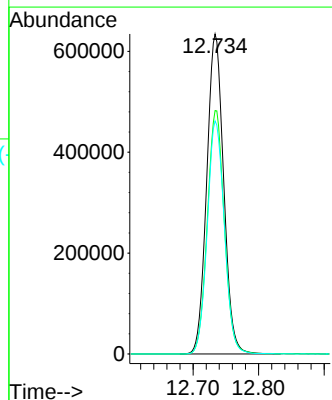
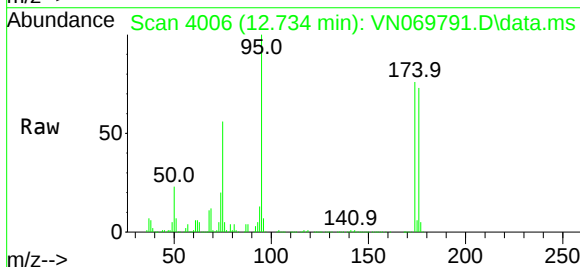
Instrument :
MSVOA_N
ClientSampleId :

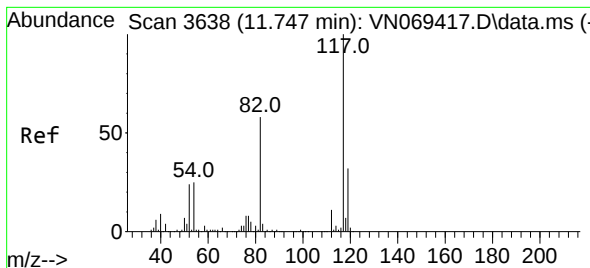
Tgt Ion:129 Resp: 249
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 55.478 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Tgt Ion: 95 Resp: 1134913
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 30

Delta R.T. 0.001 min

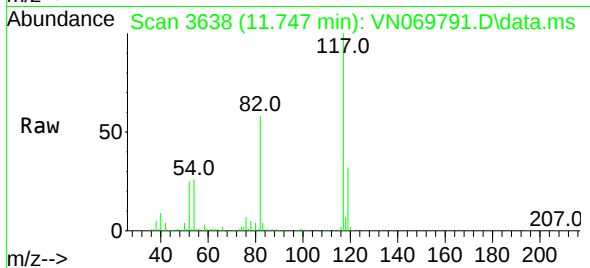
Lab File: VN069791.D

Acq: 6 Dec 2021 18:27

Instrument :

MSVOA_N

ClientSampleId :



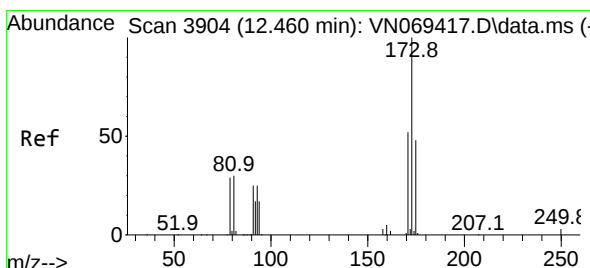
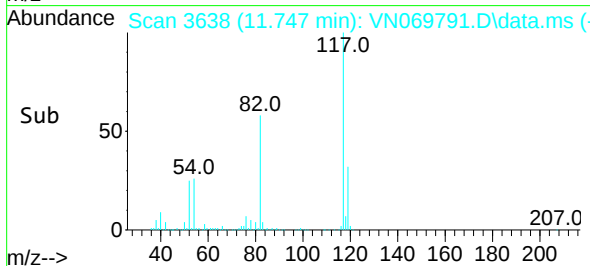
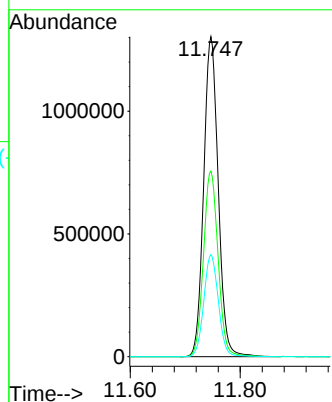
Tgt Ion:117 Resp: 2392019

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

119 31.9 25.4 38.2



#71

Bromoform

Concen: 2.758 ug/l

RT: 12.712 min Scan# 3998

Delta R.T. 0.252 min

Lab File: VN069791.D

Acq: 6 Dec 2021 18:27

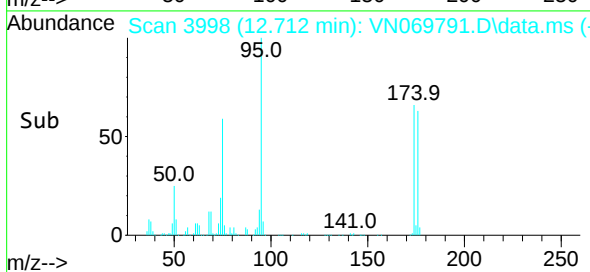
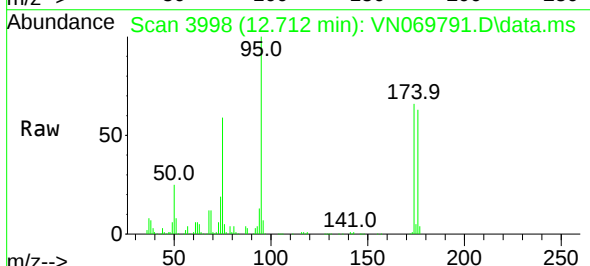
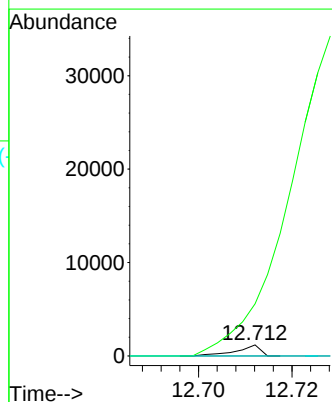
Tgt Ion:173 Resp: 417

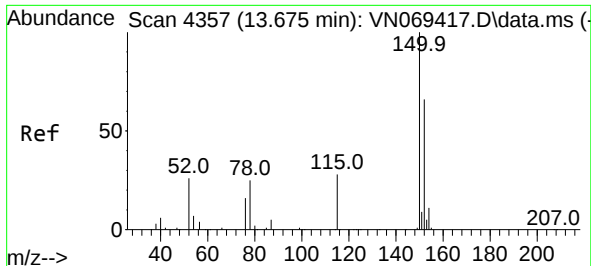
Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

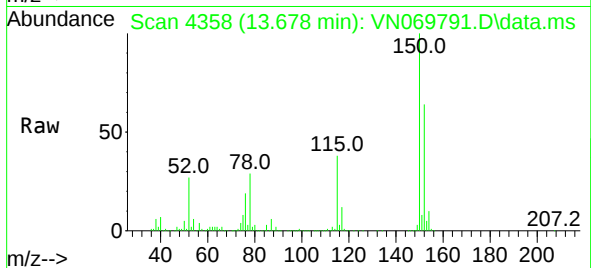
254 0.0 0.0 0.0



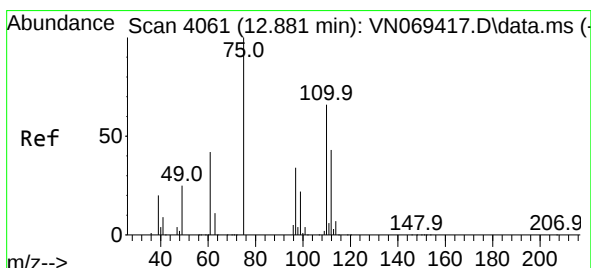
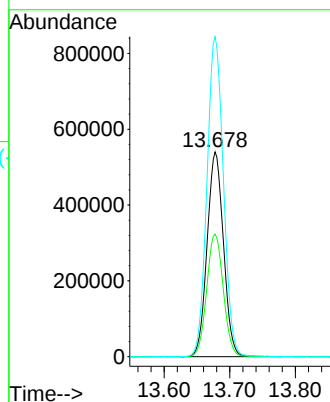
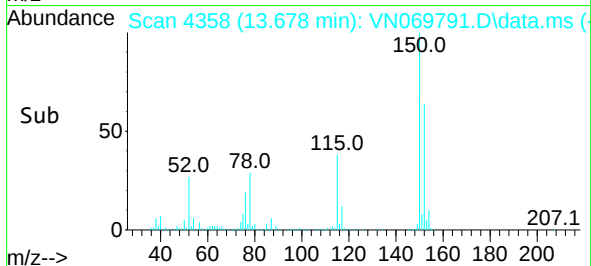


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

Instrument :
MSVOA_N
ClientSampleId :

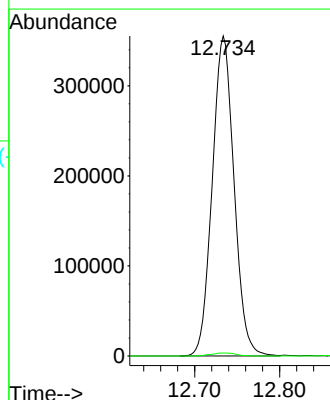
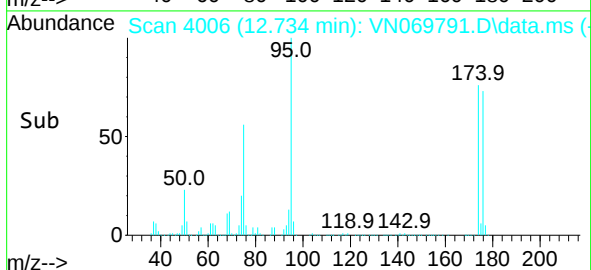
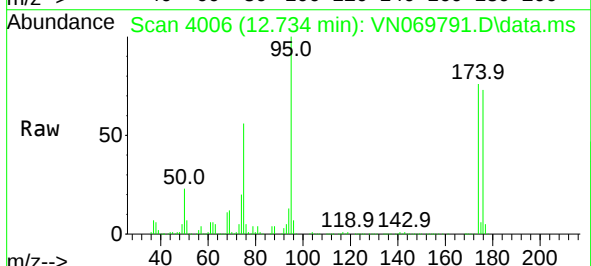


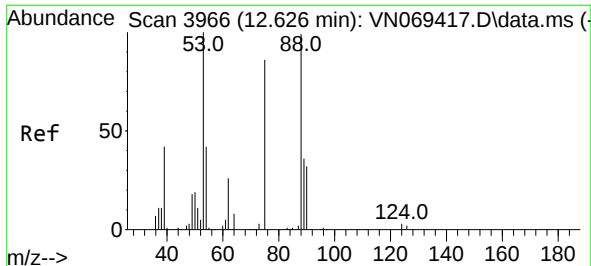
Tgt Ion:152 Resp: 935036
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 23.627 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

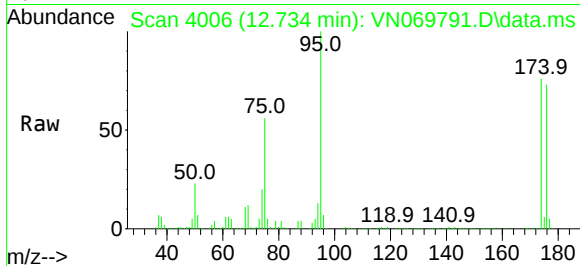
Tgt Ion: 75 Resp: 633545
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



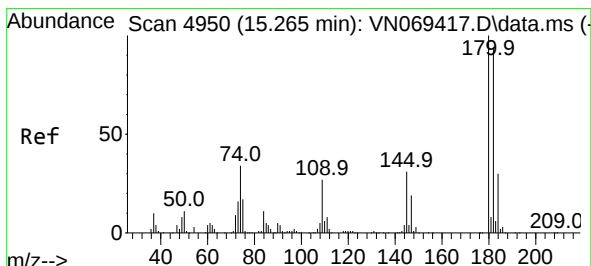
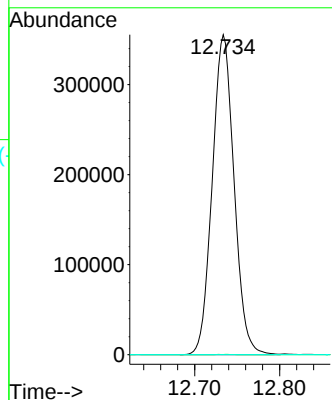
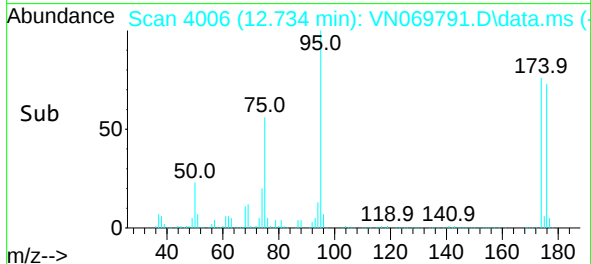


#81
trans-1,4-Dichloro-2-butene
Concen: 75.108 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27

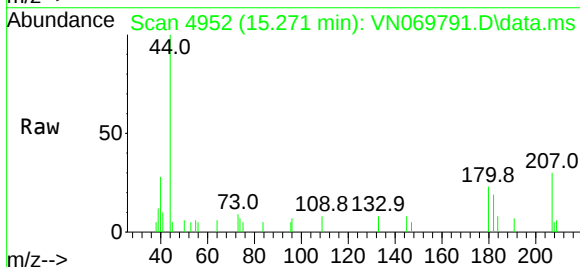
Instrument :
MSVOA_N
ClientSampleId :



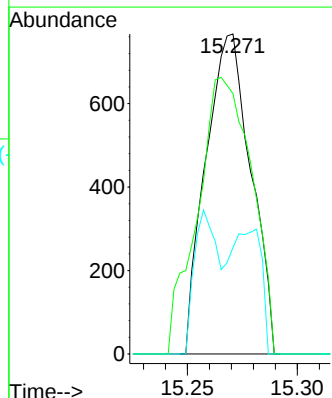
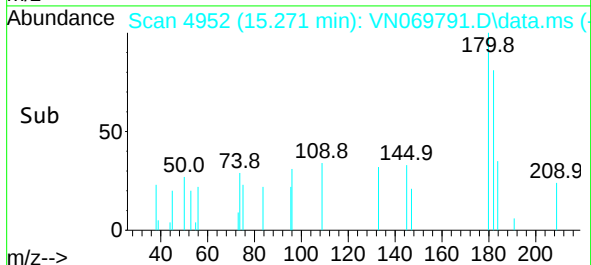
Tgt Ion: 75 Resp: 633545
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

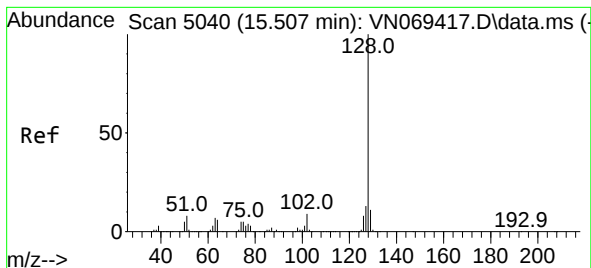


#93
1,2,4-Trichlorobenzene
Concen: 2.945 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN069791.D
Acq: 6 Dec 2021 18:27



Tgt Ion: 180 Resp: 1092
Ion Ratio Lower Upper
180 100
182 104.2 48.3 144.9
145 23.4 14.5 43.5





#95

Naphthalene

Concen: 4.158 ug/l

RT: 15.504 min Scan# 5040

Delta R.T. -0.003 min

Lab File: VN069791.D

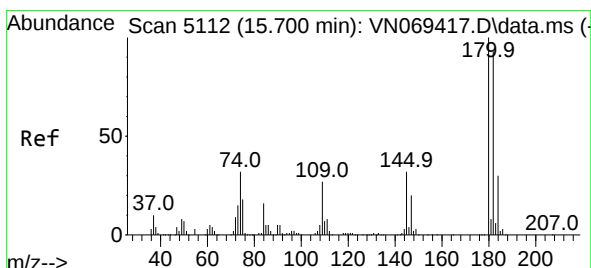
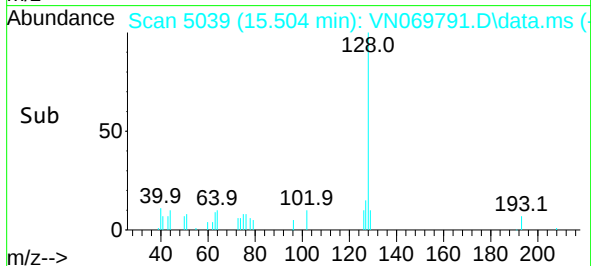
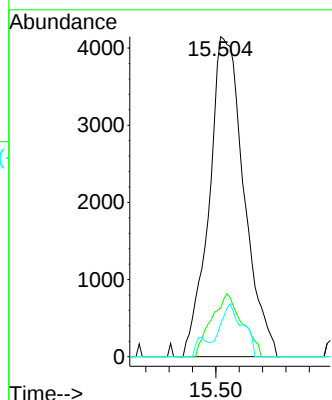
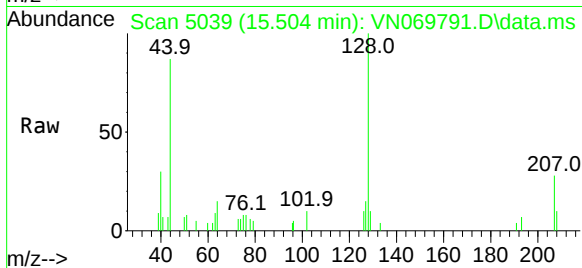
Acq: 6 Dec 2021 18:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	8563
Ion Ratio	Lower	Upper
128	100	
127	17.5	10.5 15.7#
129	10.6	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.529 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.003 min

Lab File: VN069791.D

Acq: 6 Dec 2021 18:27

Tgt Ion:180	Resp:	1465
Ion Ratio	Lower	Upper
180	100	
182	52.7	47.4 142.2
145	15.4	15.0 45.1

