

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075771.D
 Acq On : 14 Dec 2022 15:39
 Operator : JC\MD
 Sample : VN1214WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL01

Quant Time: Dec 15 00:27:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

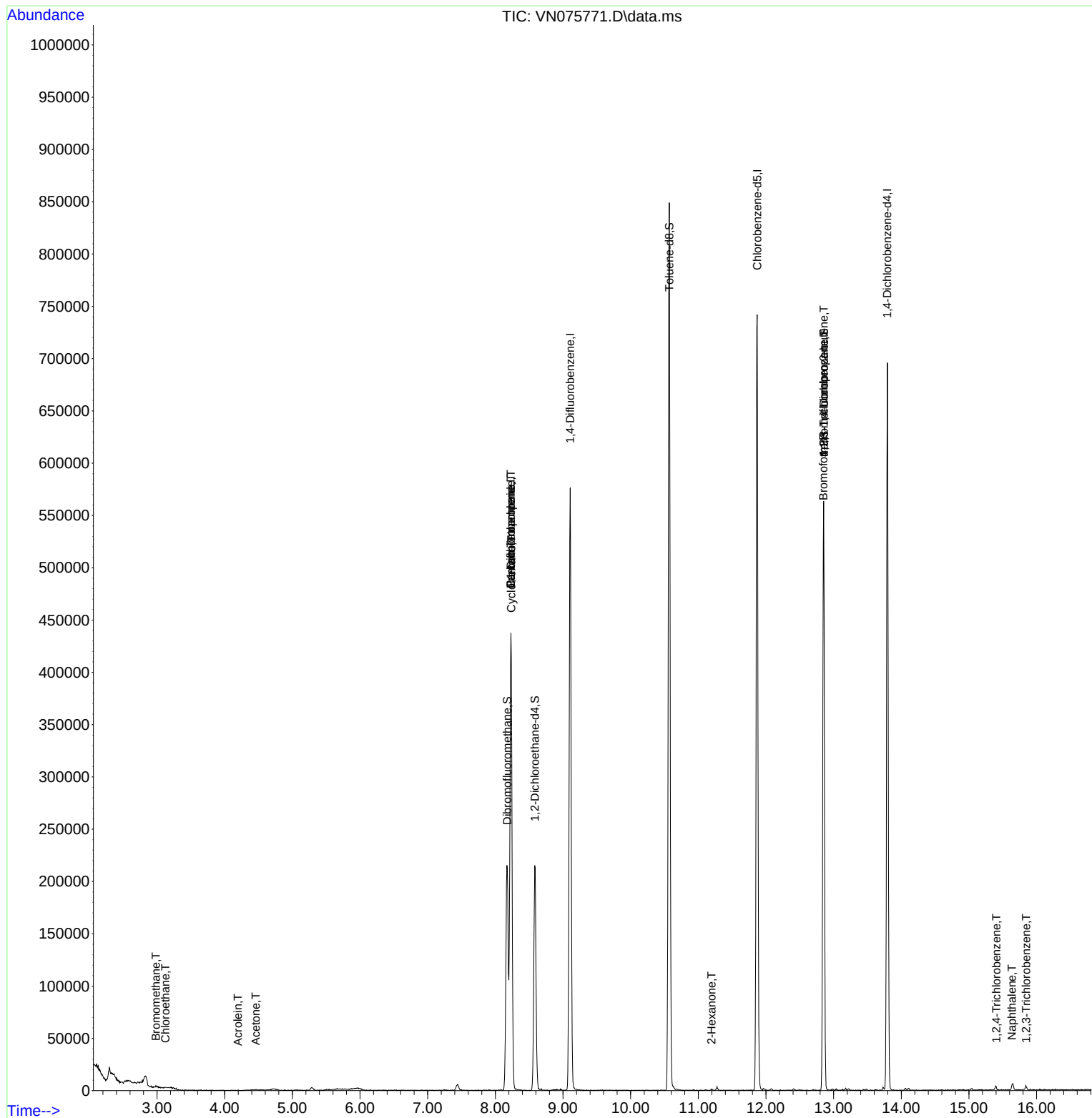
Internal Standards						
1) Pentafluorobenzene	8.230	168	343913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	528581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175330	46.861	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.720%		
35) Dibromofluoromethane	8.177	113	159629	48.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.571	98	614098	50.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.360%		
62) 4-Bromofluorobenzene	12.853	95	188909	46.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds					Qvalue	
5) Bromomethane	2.983	94	913	0.297	ug/l	98
6) Chloroethane	3.124	64	564	0.210	ug/l #	44
13) Acrolein	4.195	56	277	0.427	ug/l #	16
16) Acetone	4.459	43	282	0.219	ug/l #	39
31) Cyclohexane	8.236	56	6299	1.176	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23969	5.512	ug/l #	49
38) Carbon Tetrachloride	8.230	117	33239	6.830	ug/l #	17
59) 2-Hexanone	11.194	43	973	0.383	ug/l	89
71) Bromoform	12.847	173	1437	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	96980	24.541	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	96980	88.335	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.406	180	1711	0.530	ug/l	88
95) Naphthalene	15.635	128	7369	2.838	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	1695	0.562	ug/l	97

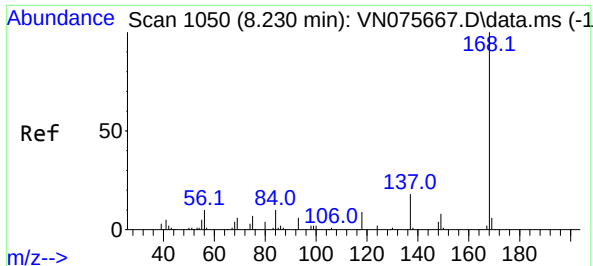
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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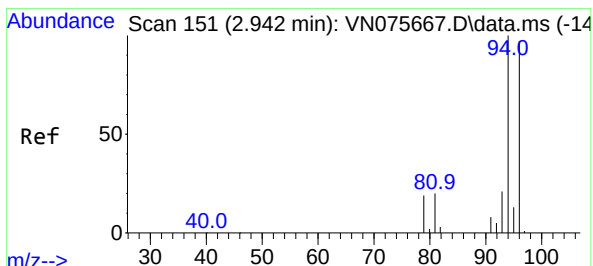
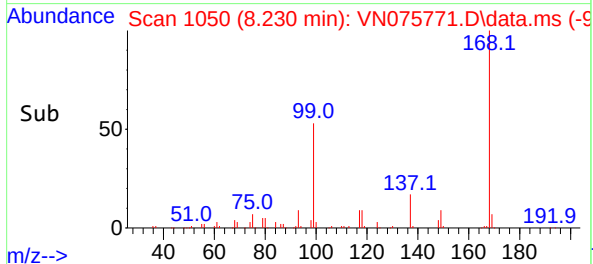
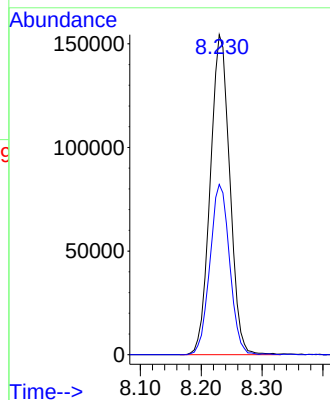
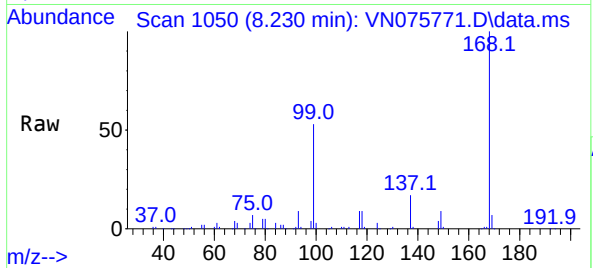




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

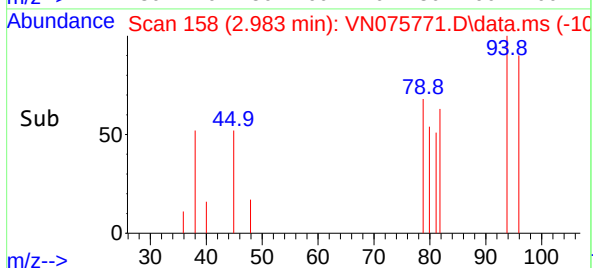
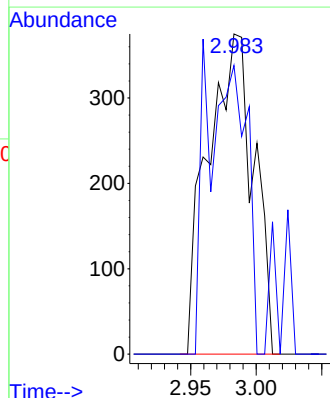
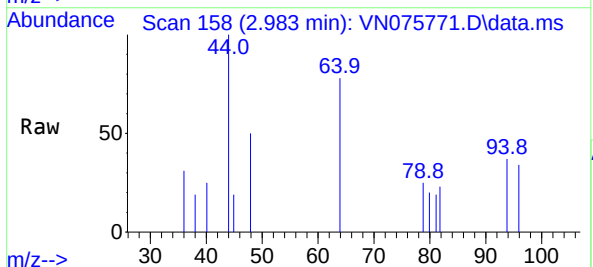
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

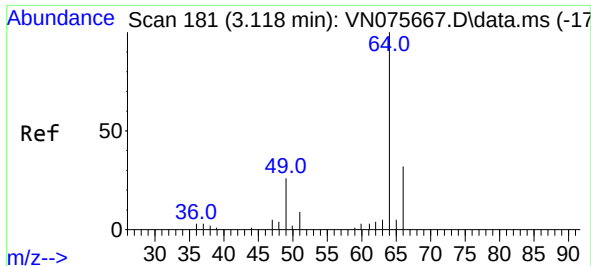
Tgt Ion:168 Resp: 343913
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#5
Bromomethane
Concen: 0.297 ug/l
RT: 2.983 min Scan# 158
Delta R.T. 0.041 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 94 Resp: 913
Ion Ratio Lower Upper
94 100
96 90.1 73.8 110.6

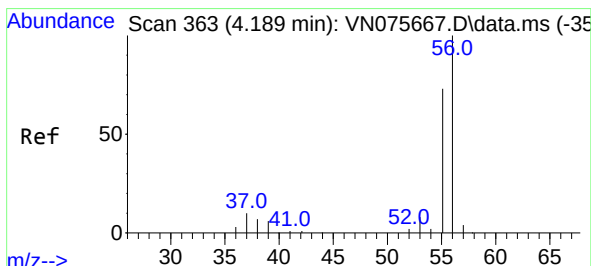
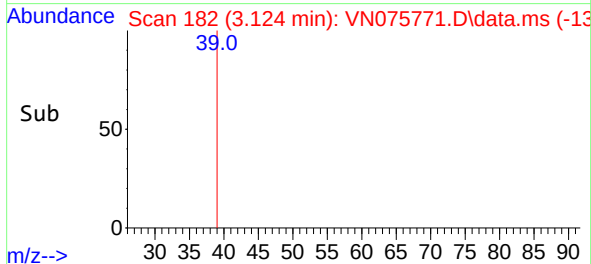
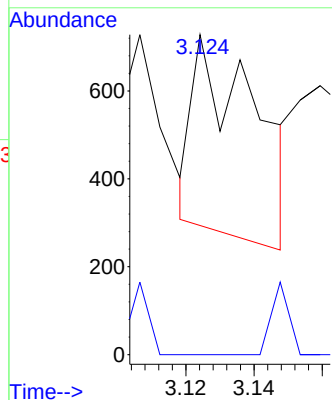
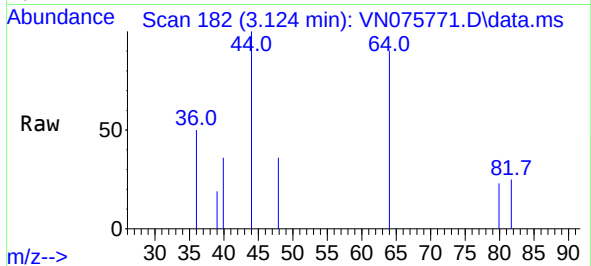




#6
Chloroethane
Concen: 0.210 ug/l
RT: 3.124 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

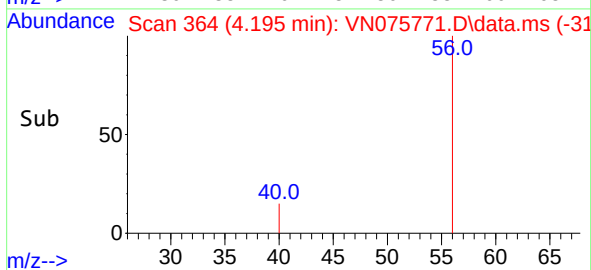
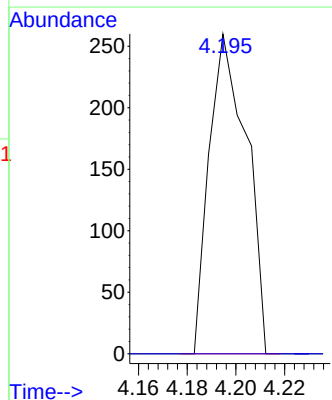
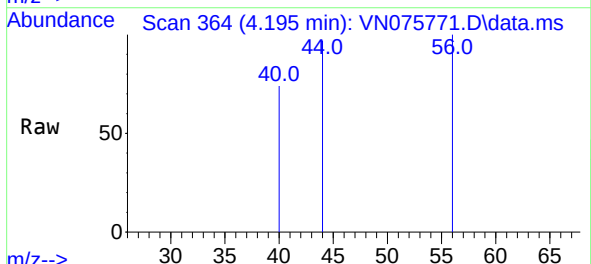
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

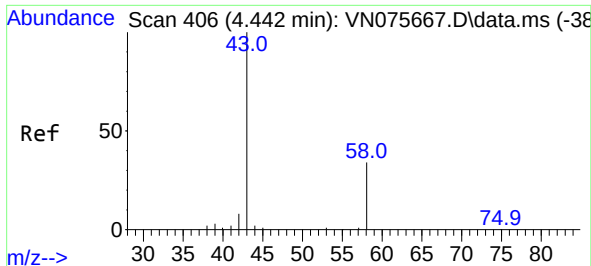
Tgt Ion: 64 Resp: 564
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#13
Acrolein
Concen: 0.427 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 56 Resp: 277
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

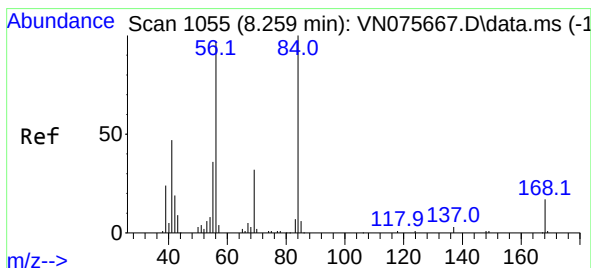
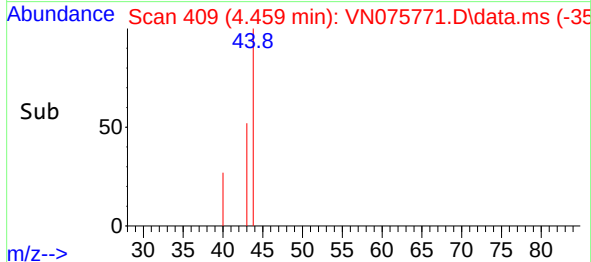
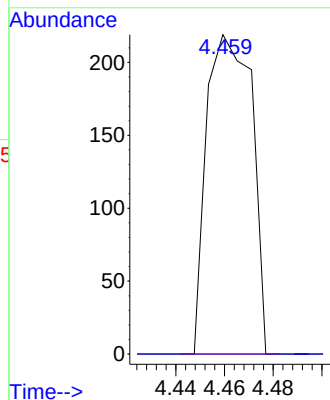
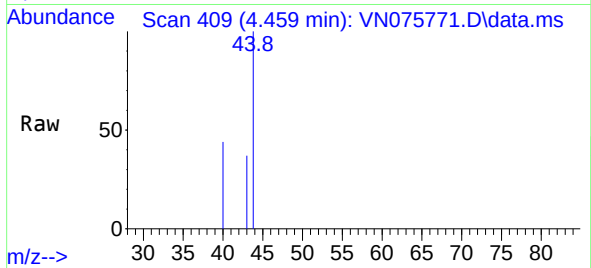




#16
Acetone
Concen: 0.219 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

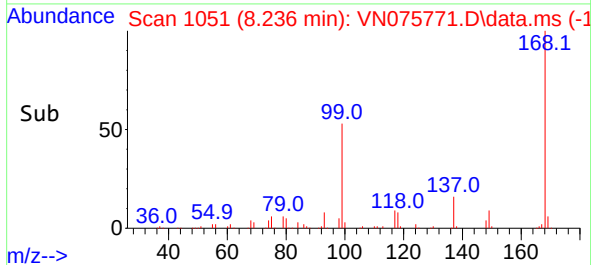
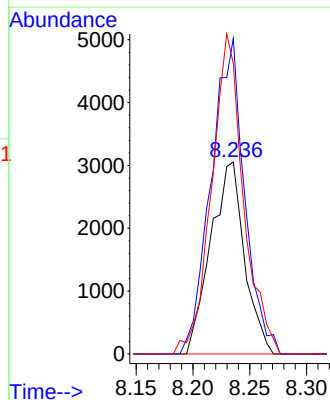
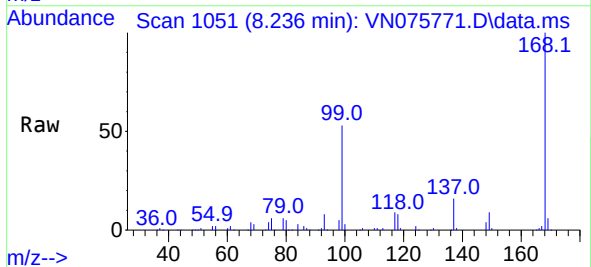
Instrument :
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ClientSampleId :
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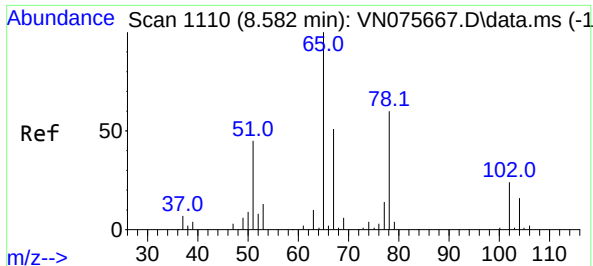
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 56 Resp: 6299
Ion Ratio Lower Upper
56 100
69 164.4 24.7 37.1#
84 151.2 76.5 114.7#

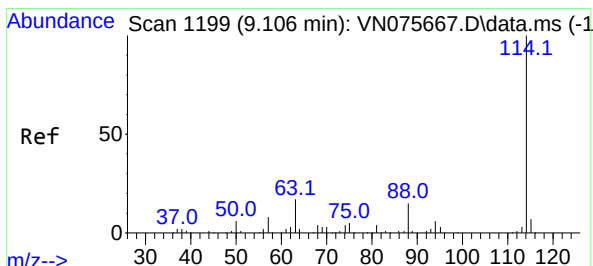
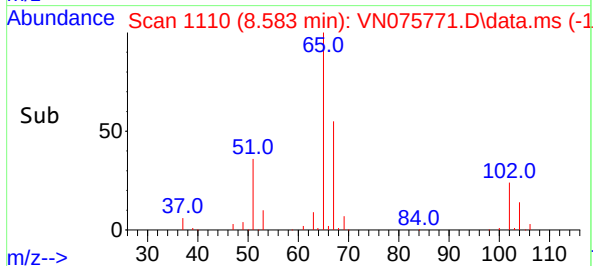
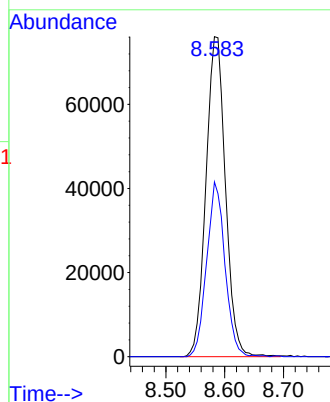
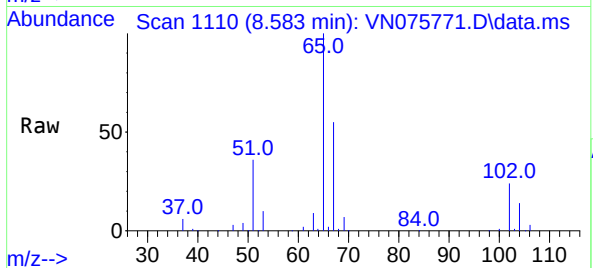




#33
1,2-Dichloroethane-d4
Concen: 46.861 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

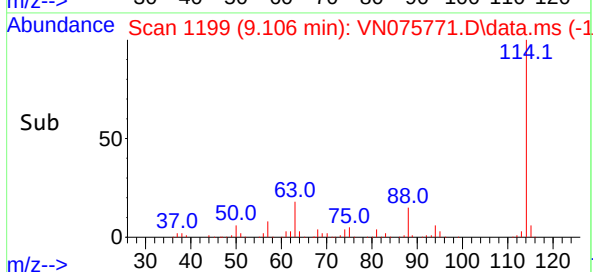
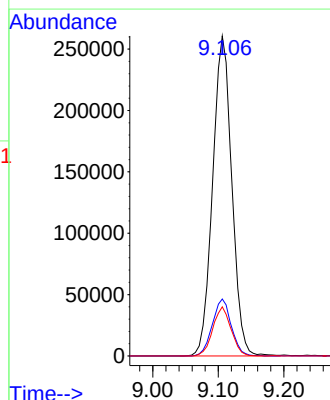
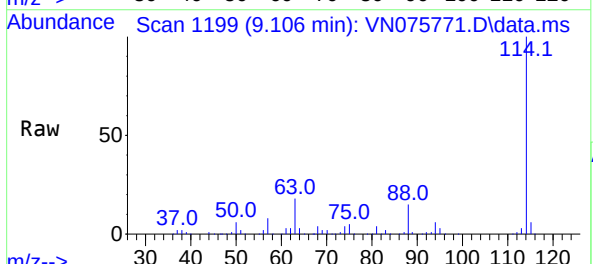
Instrument :
MSVOA_N
ClientSampleId :
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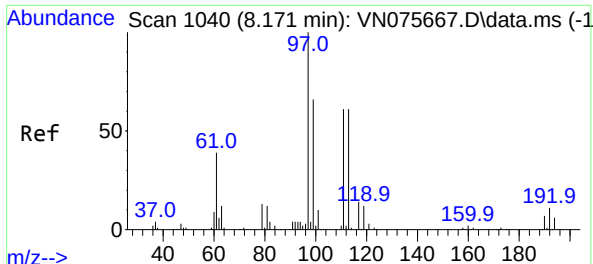
Tgt Ion: 65 Resp: 175330
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 114 Resp: 528581
Ion Ratio Lower Upper
114 100
63 17.8 0.0 34.4
88 15.4 0.0 28.8

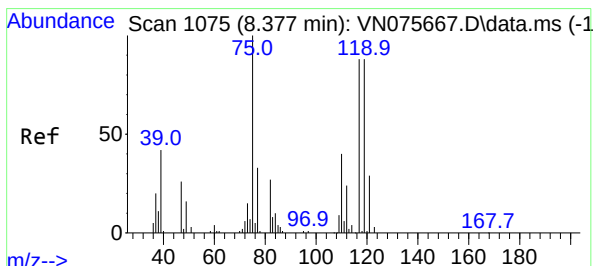
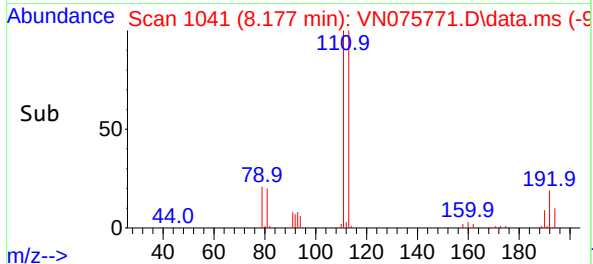
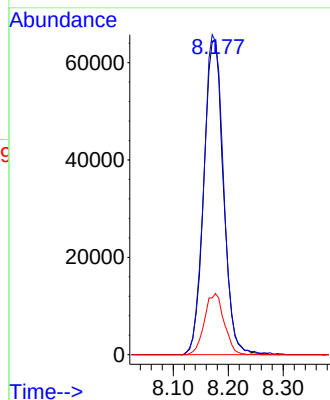
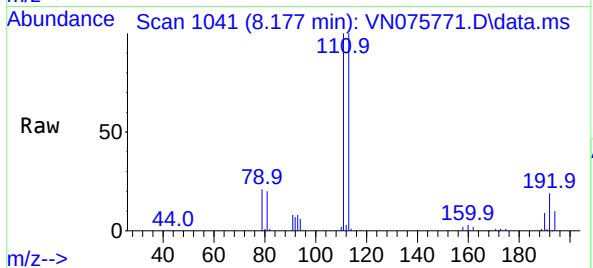




#35
Dibromofluoromethane
Concen: 48.765 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

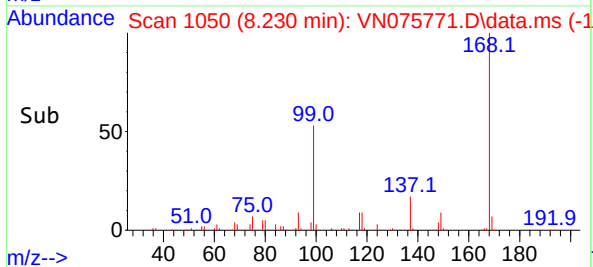
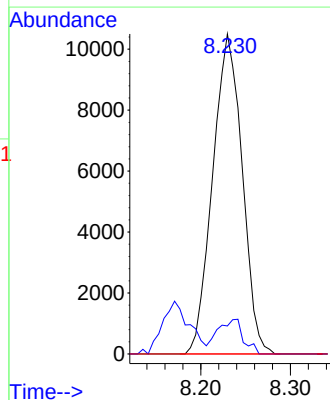
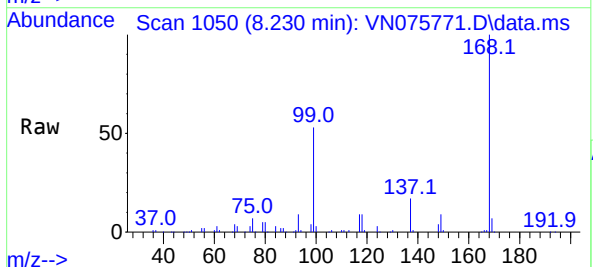
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

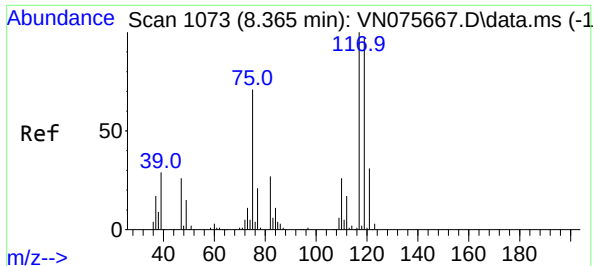
Tgt Ion:113 Resp: 159629
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.512 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 75 Resp: 23969
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 24.1 36.1#

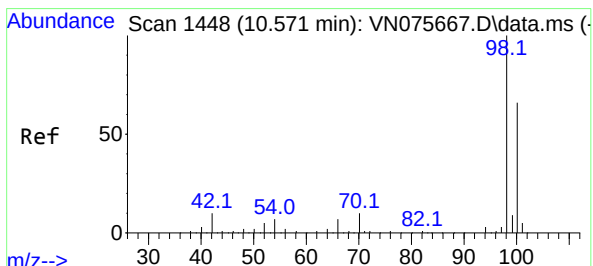
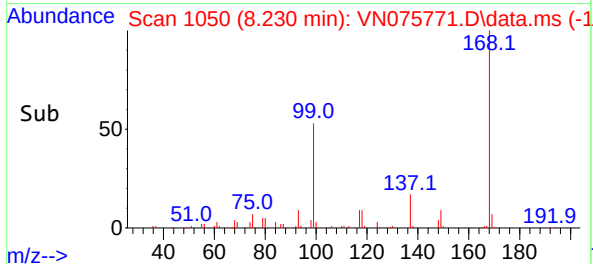
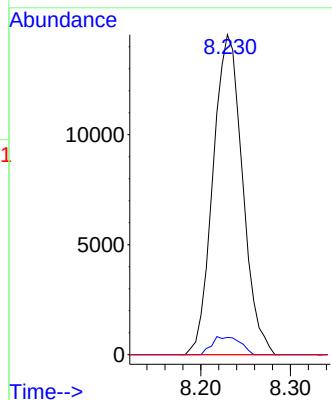
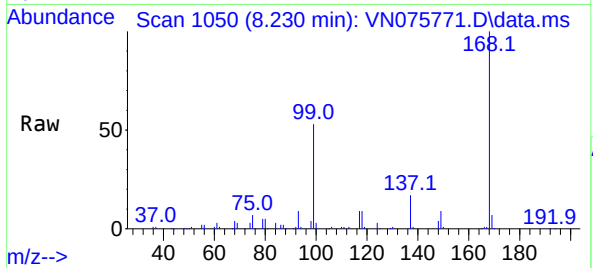




#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

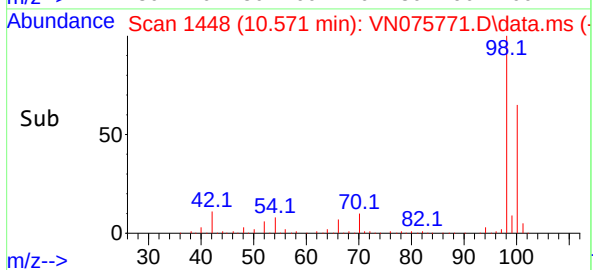
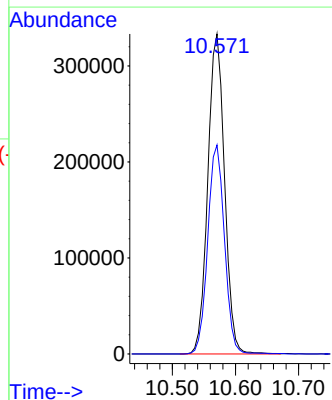
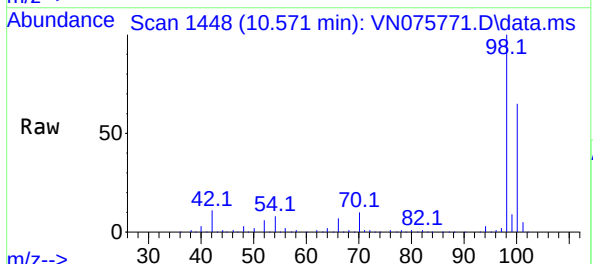
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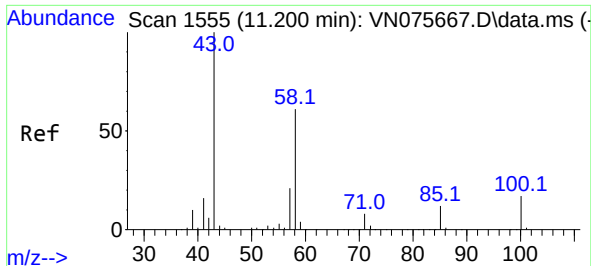
Tgt Ion:117 Resp: 33239
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.176 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 98 Resp: 614098
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

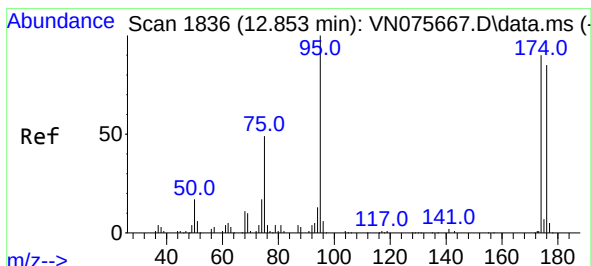
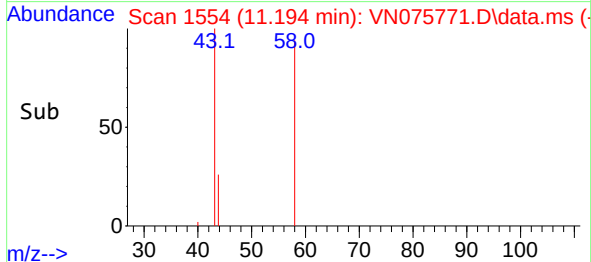
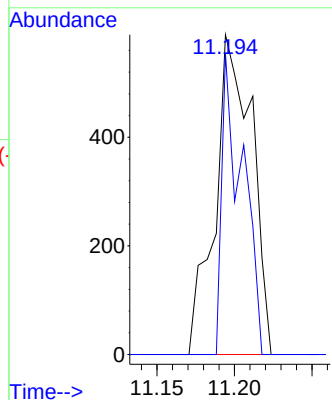
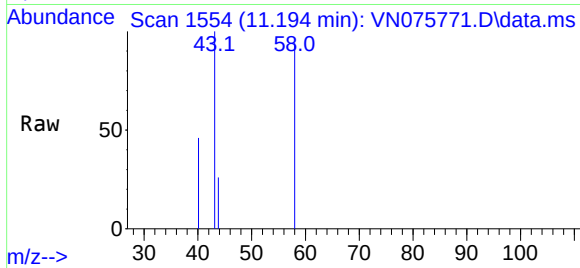




#59
2-Hexanone
Concen: 0.383 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

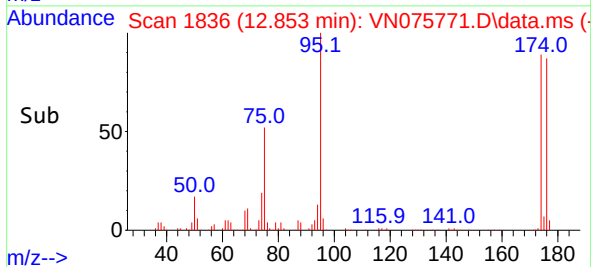
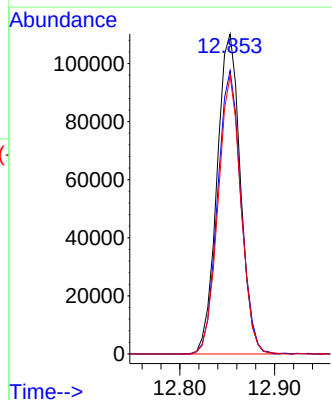
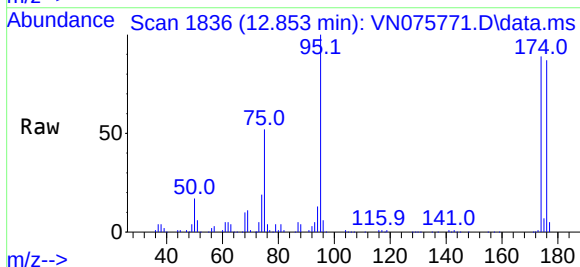
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

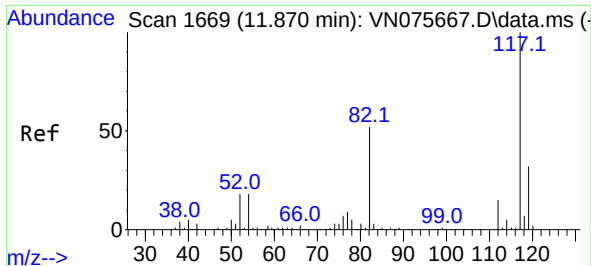
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 52.9 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 95 Resp: 188909
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 84.9 0.0 169.2

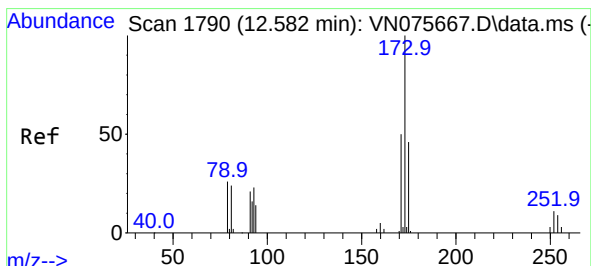
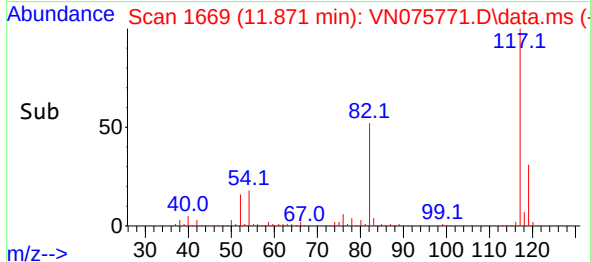
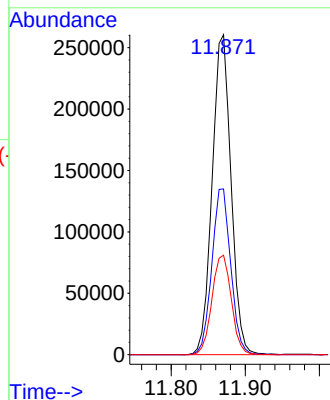
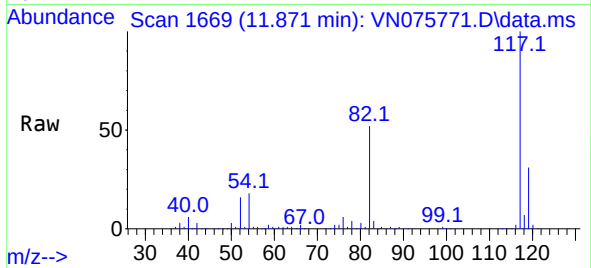




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

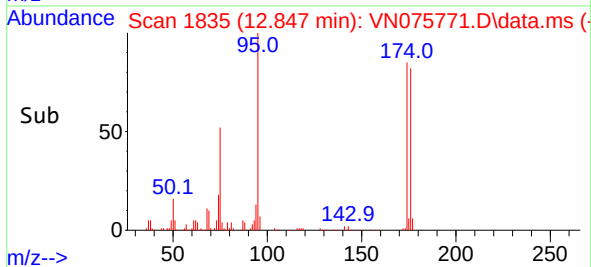
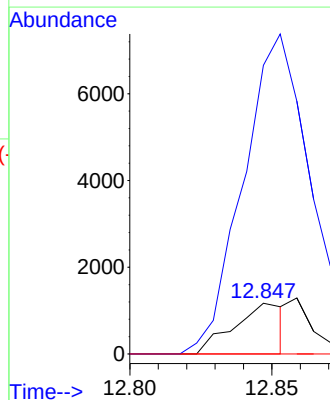
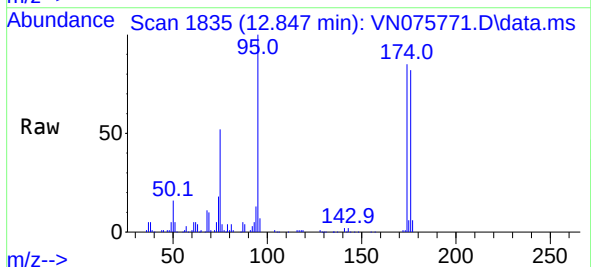
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

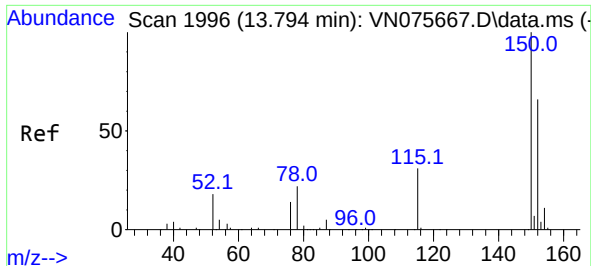
Tgt Ion:117 Resp: 461064
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 31.1 24.6 37.0



#71
Bromoform
Concen: 0.563 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion:173 Resp: 1437
Ion Ratio Lower Upper
173 100
175 687.4 24.3 72.8#
254 0.0 0.0 0.0

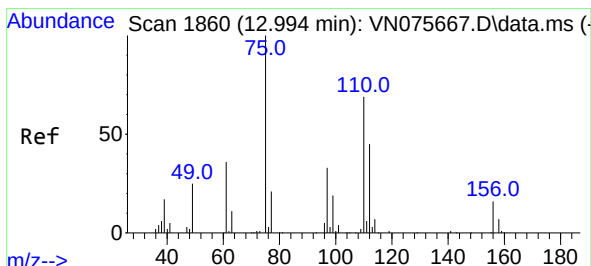
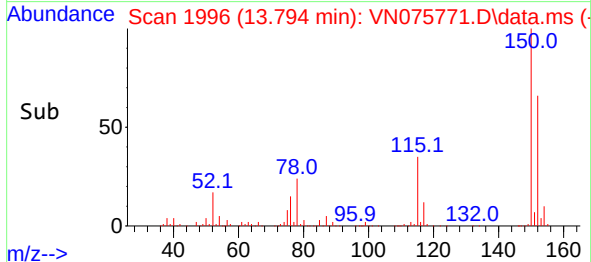
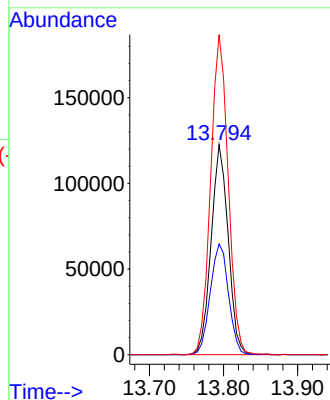
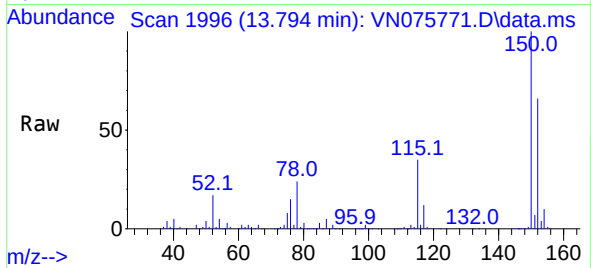




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

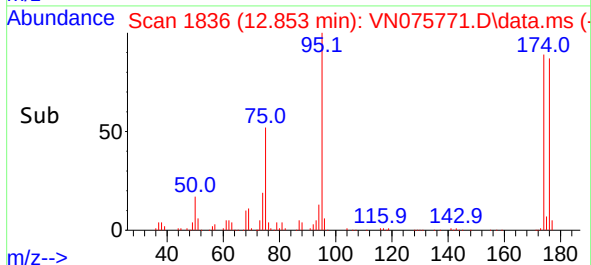
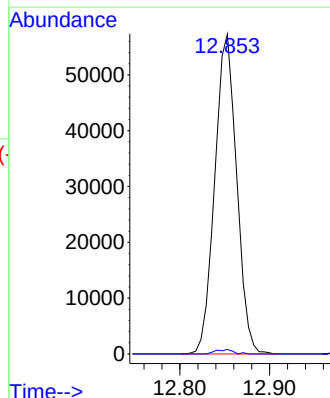
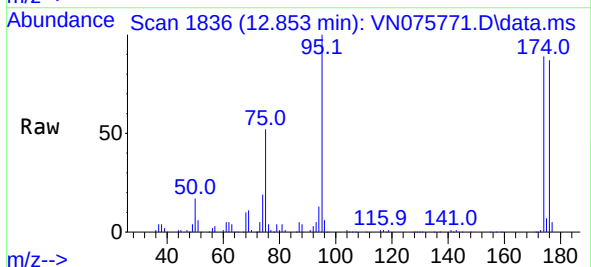
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

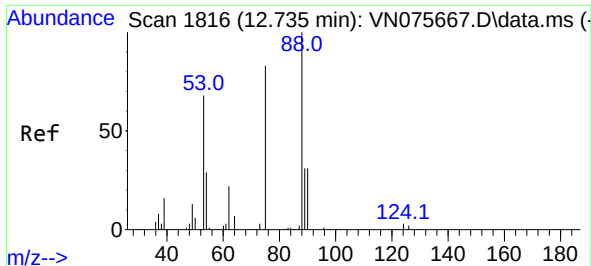
Tgt Ion:152 Resp: 196045
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.4
150 156.4 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.541 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion: 75 Resp: 96980
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

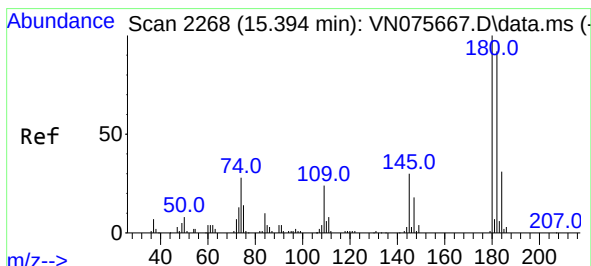
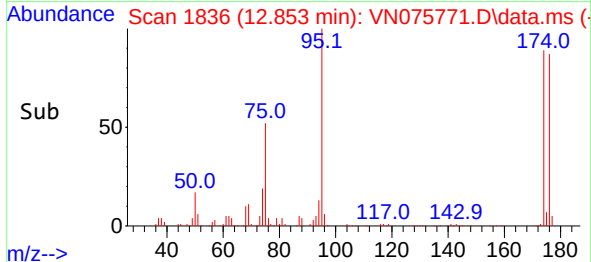
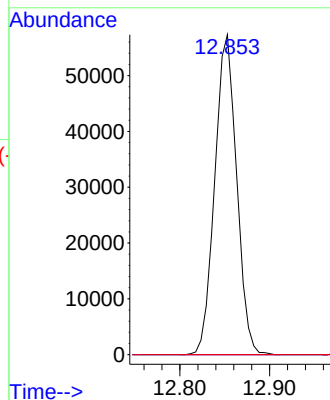
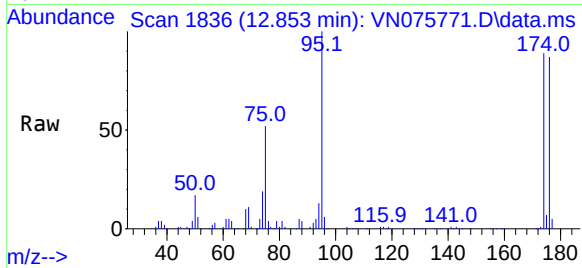




#81
trans-1,4-Dichloro-2-butene
Concen: 88.335 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

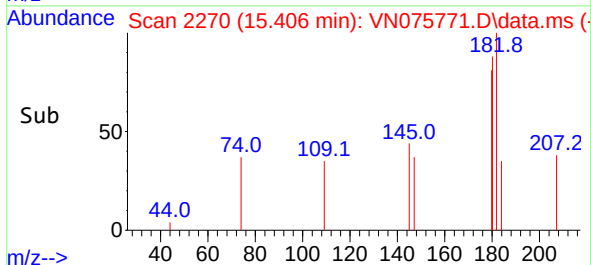
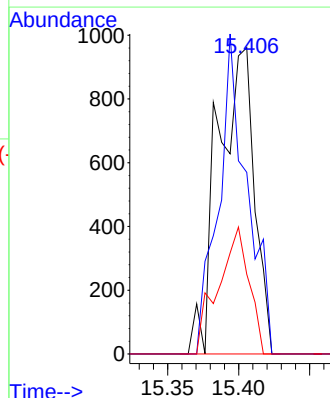
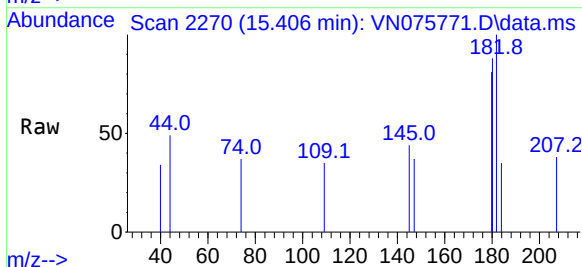
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

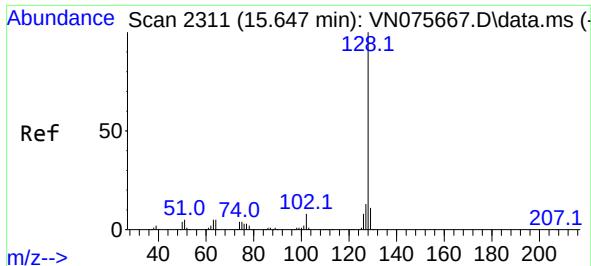
Tgt Ion: 75 Resp: 96980
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.530 ug/l
RT: 15.406 min Scan# 2270
Delta R.T. 0.012 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion:180 Resp: 1711
Ion Ratio Lower Upper
180 100
182 82.2 47.5 142.5
145 35.2 15.3 45.8

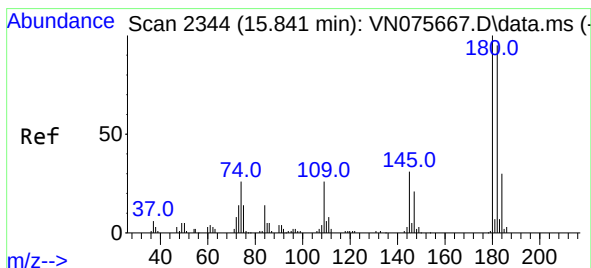
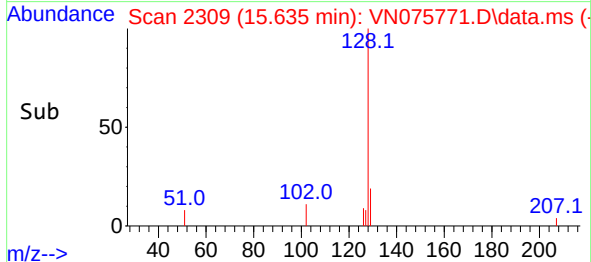
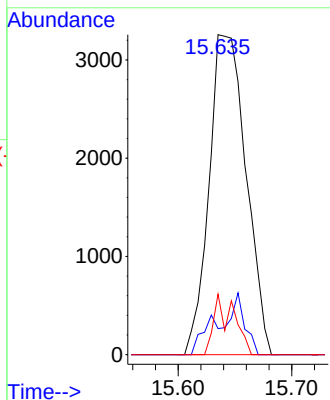
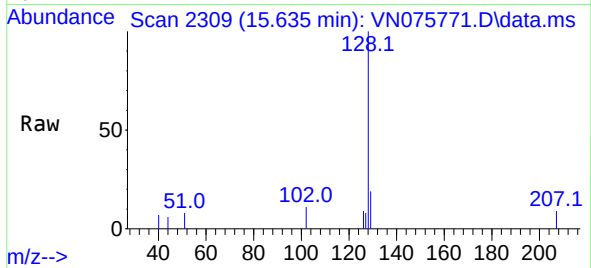




#95
Naphthalene
Concen: 2.838 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

Tgt Ion:128 Resp: 7369
Ion Ratio Lower Upper
128 100
127 5.3 10.4 15.6#
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.562 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075771.D
Acq: 14 Dec 2022 15:39

Tgt Ion:180 Resp: 1695
Ion Ratio Lower Upper
180 100
182 92.5 47.0 141.0
145 27.0 16.0 47.9

