

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075707.D
 Acq On : 12 Dec 2022 12:44
 Operator : JC\MD
 Sample : VN1212WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL01

Quant Time: Dec 13 01:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

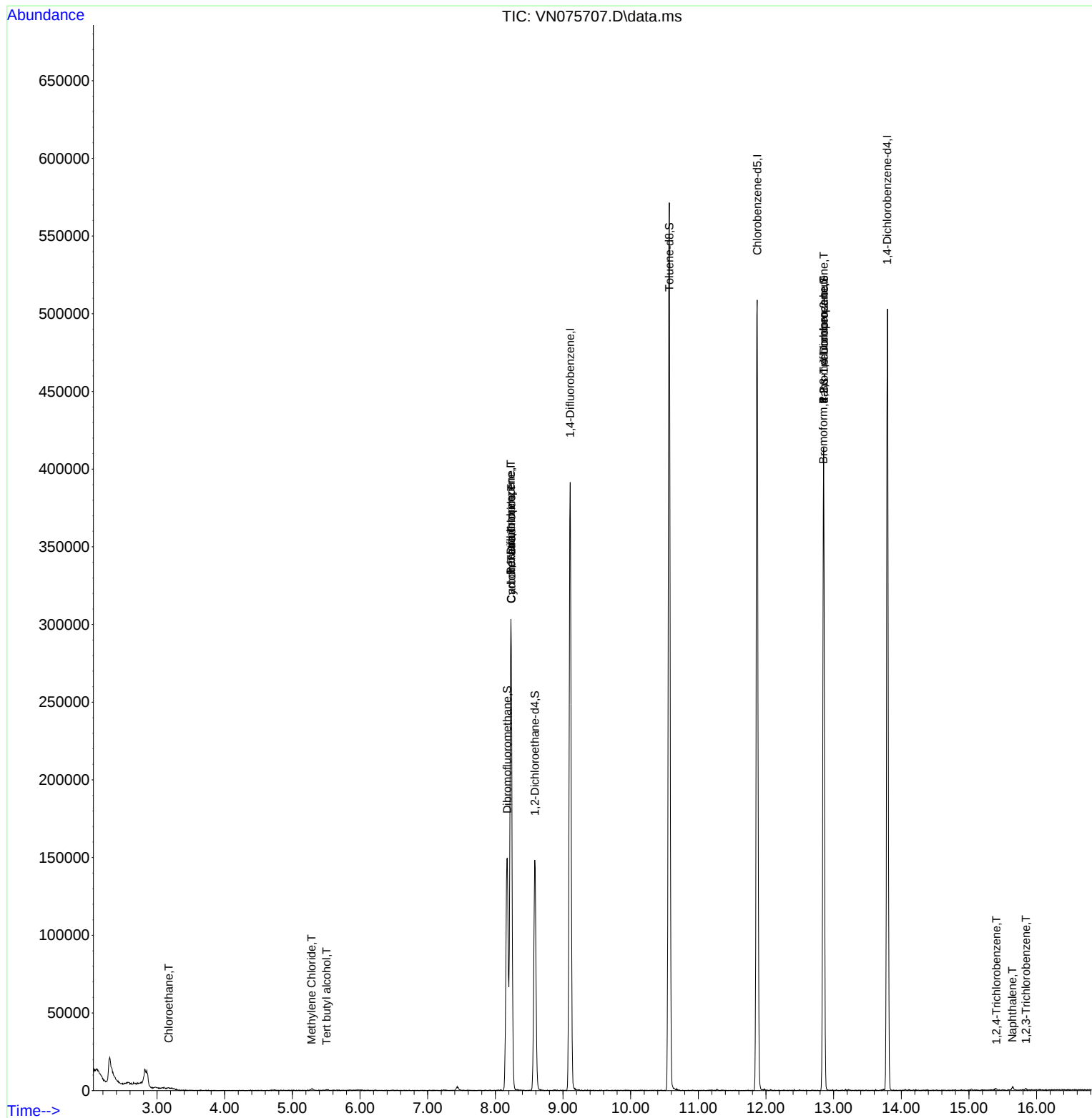
Internal Standards						
1) Pentafluorobenzene	8.229	168	234510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	320790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119576	48.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.120%		
35) Dibromofluoromethane	8.177	113	109233	49.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	10.570	98	416375	49.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.853	95	133825	46.850	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.700%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.171	64	760	0.404	ug/l #	43
11) Tert butyl alcohol	5.506	59	193	0.524	ug/l #	72
20) Methylene Chloride	5.283	84	524	0.209	ug/l #	45
31) Cyclohexane	8.235	56	4099	1.113	ug/l #	60
36) 1,1-Dichloropropene	8.229	75	16664	5.641	ug/l #	49
38) Carbon Tetrachloride	8.235	117	22659	6.647	ug/l #	14
71) Bromoform	12.847	173	1027	0.564	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68253	23.639	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68253	75.567	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.405	180	795	0.343	ug/l #	85
95) Naphthalene	15.641	128	2748	0.401	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	483	0.212	ug/l #	64

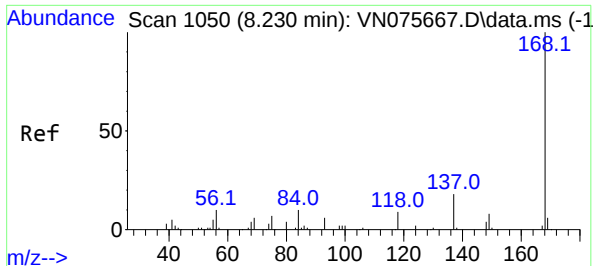
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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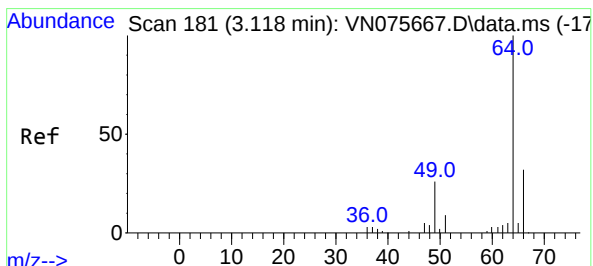
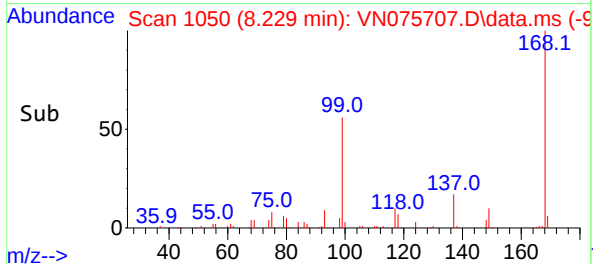
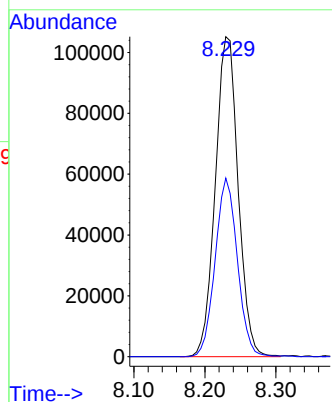
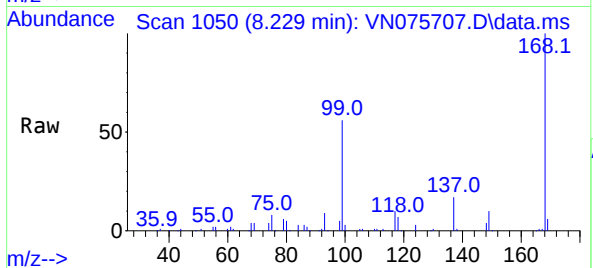




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

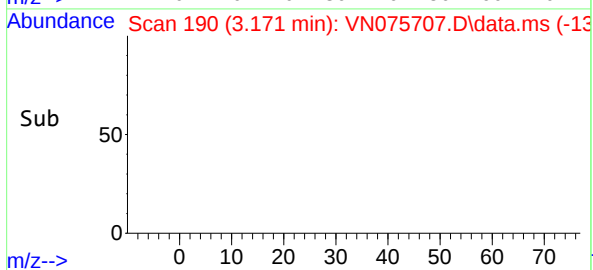
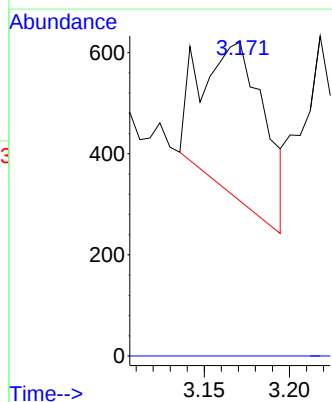
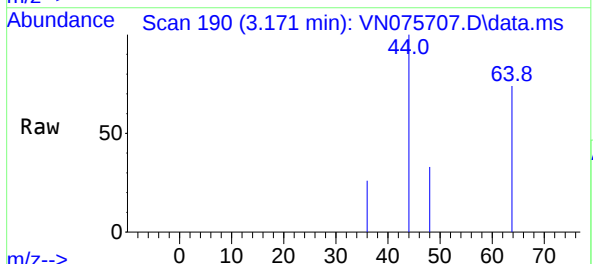
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

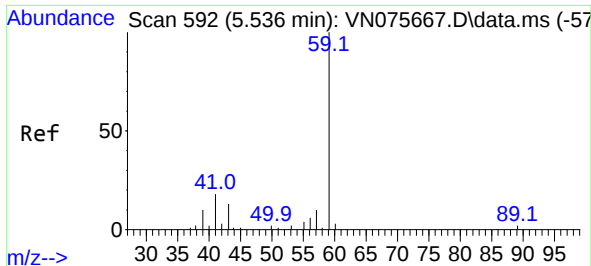
Tgt Ion:168 Resp: 234510
Ion Ratio Lower Upper
168 100
99 55.8 41.2 61.8



#6
Chloroethane
Concen: 0.404 ug/l
RT: 3.171 min Scan# 190
Delta R.T. 0.053 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion: 64 Resp: 760
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

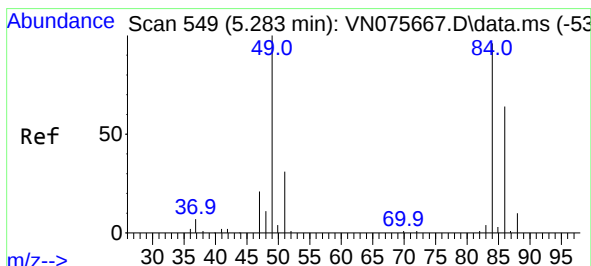
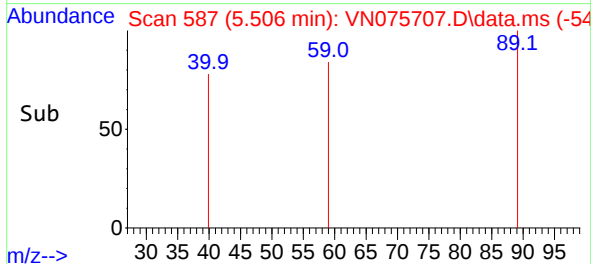
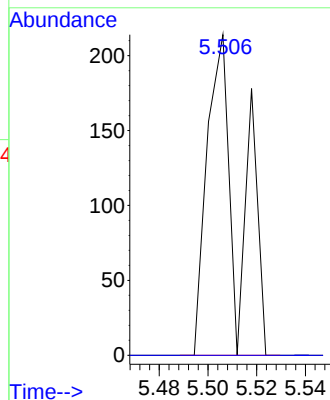
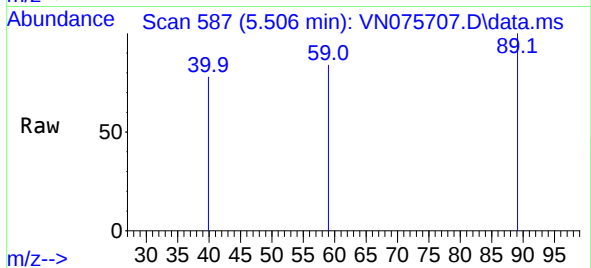




#11
Tert butyl alcohol
Concen: 0.524 ug/l
RT: 5.506 min Scan# 51
Delta R.T. -0.029 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

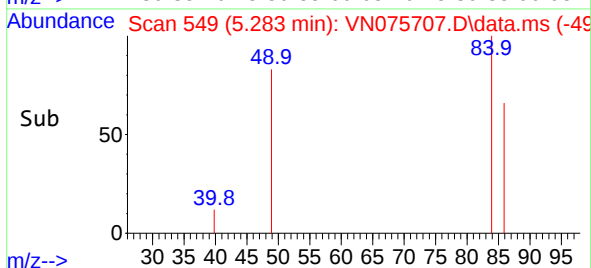
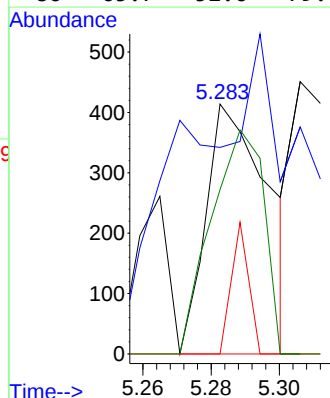
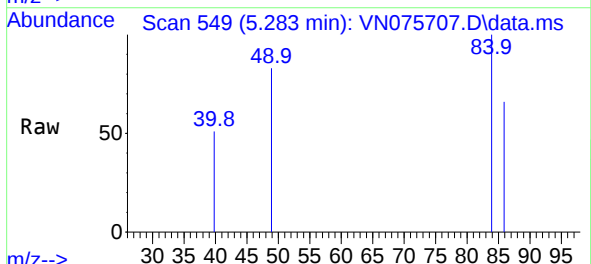
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

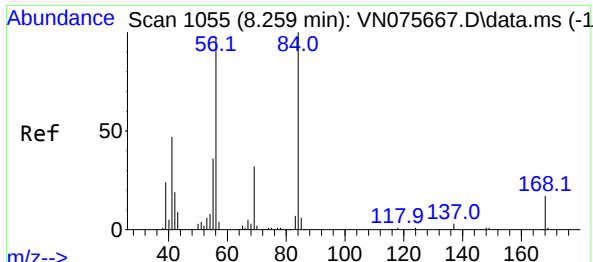
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

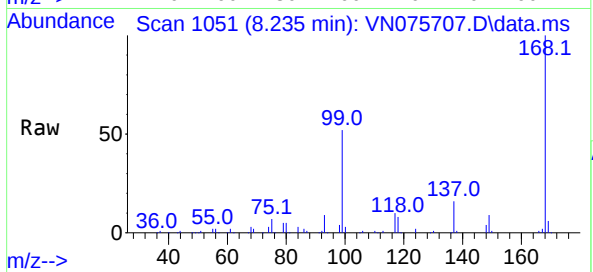
Tgt Ion: 84 Resp: 524
Ion Ratio Lower Upper
84 100
49 13.8 83.0 124.4#
51 0.0 26.0 39.0#
86 65.7 52.6 79.0



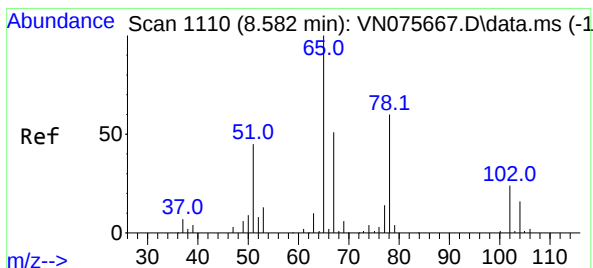
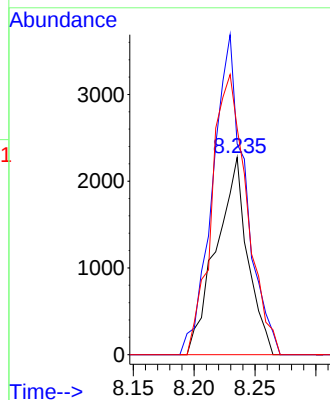
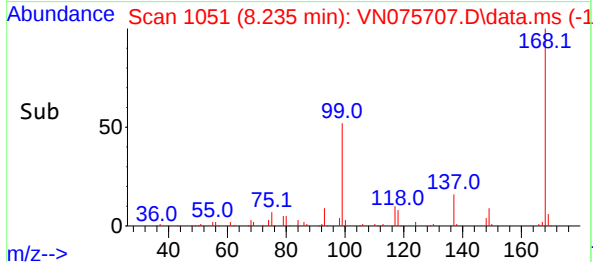


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

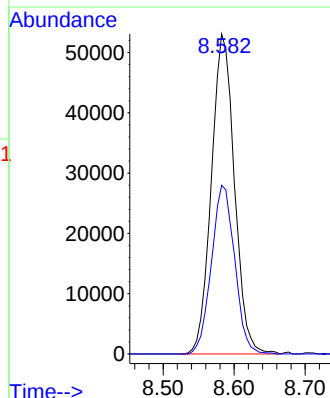
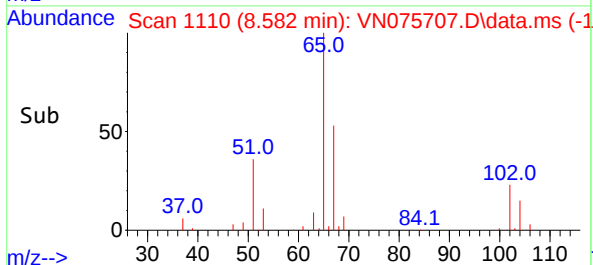
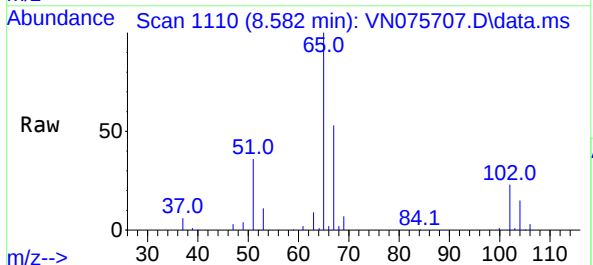


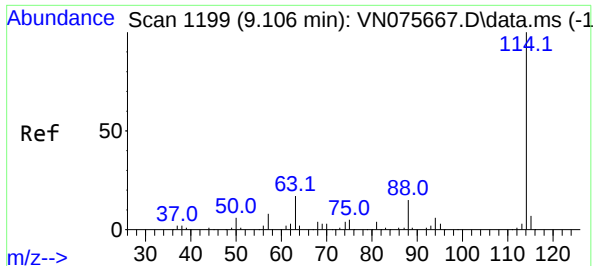
Tgt Ion: 56 Resp: 4099
Ion Ratio Lower Upper
56 100
69 106.8 26.2 39.2#
84 114.8 82.8 124.2



#33
1,2-Dichloroethane-d4
Concen: 48.057 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion: 65 Resp: 119576
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075707.D

Acq: 12 Dec 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBL01

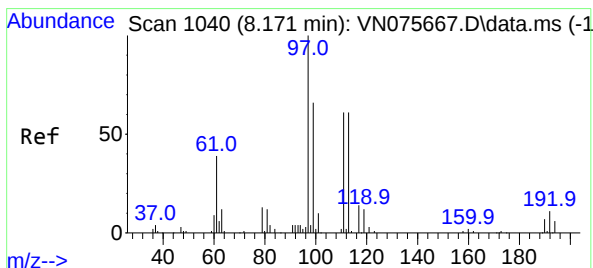
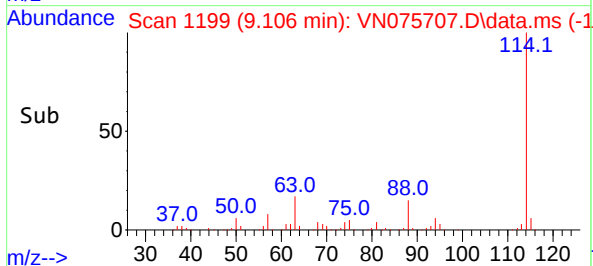
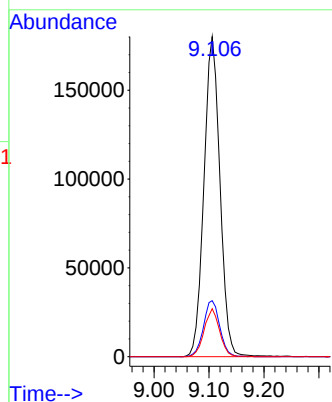
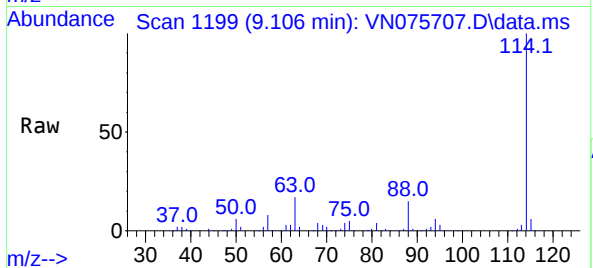
Tgt Ion:114 Resp: 364622

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 15.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.102 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075707.D

Acq: 12 Dec 2022 12:44

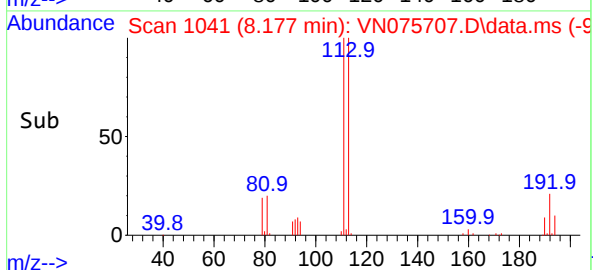
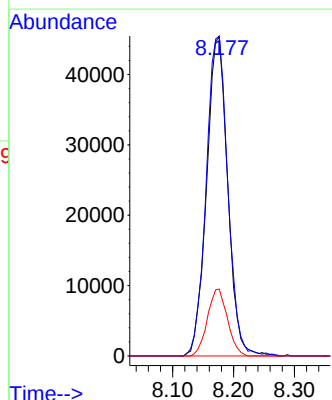
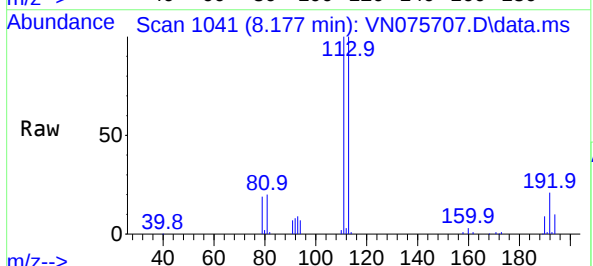
Tgt Ion:113 Resp: 109233

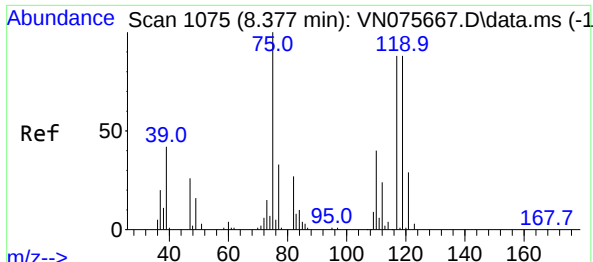
Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

192 19.9 16.2 24.2

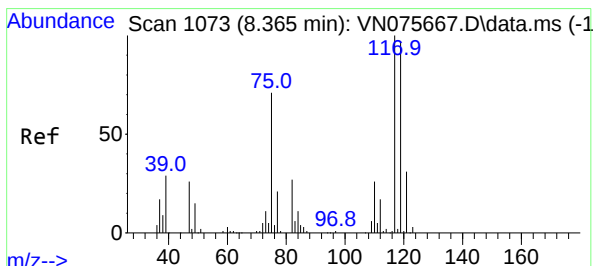
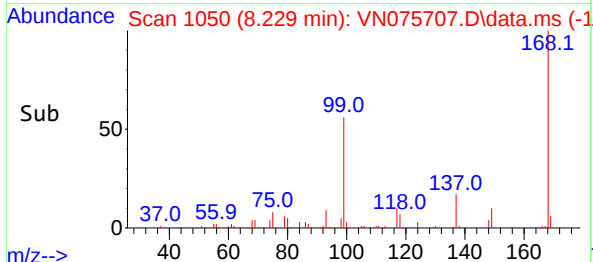
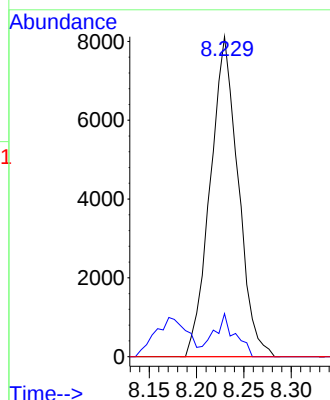
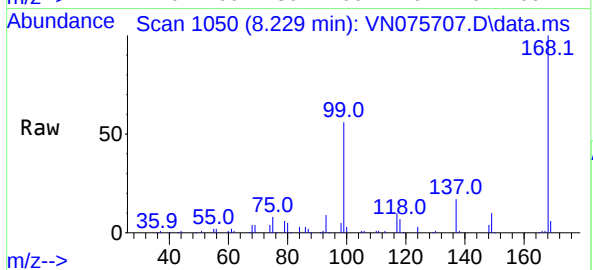




#36
1,1-Dichloropropene
Concen: 5.641 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

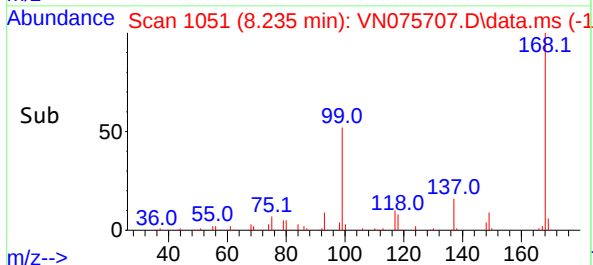
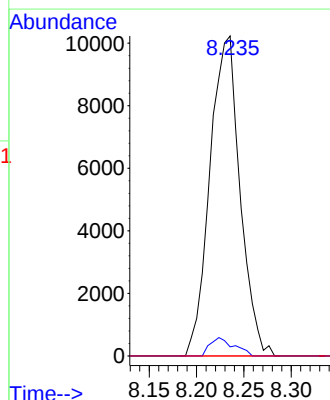
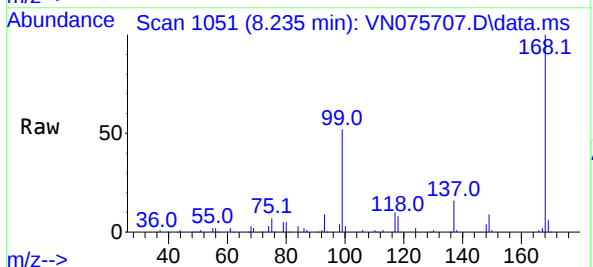
Instrument :
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ClientSampleId :
VN1212WBL01

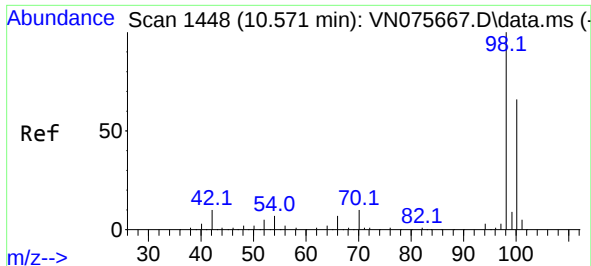
Tgt Ion: 75 Resp: 16664
Ion Ratio Lower Upper
75 100
110 9.8 18.9 56.9#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.647 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion: 117 Resp: 22659
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 24.6 37.0#

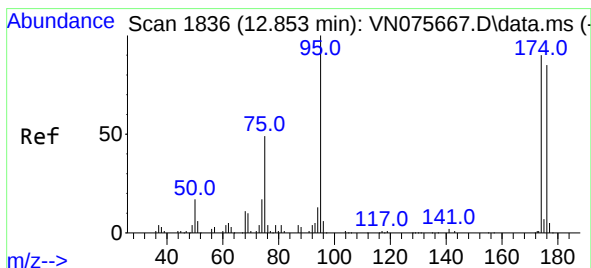
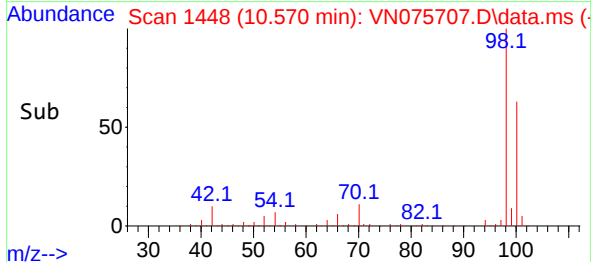
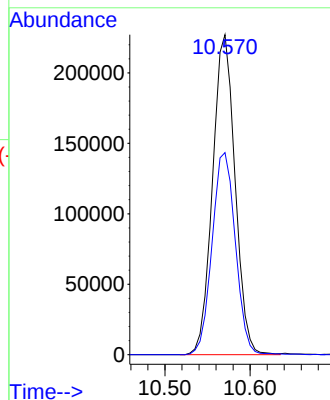
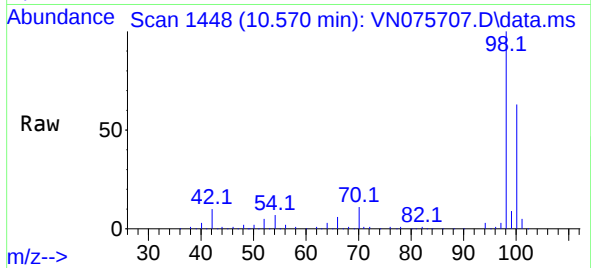




#50
Toluene-d8
Concen: 49.839 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

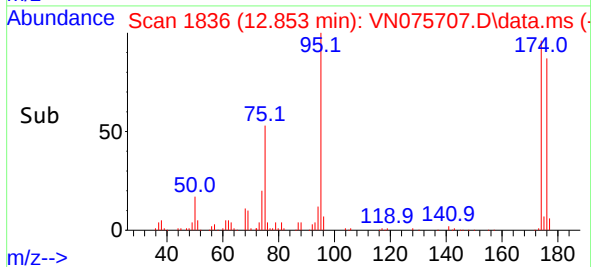
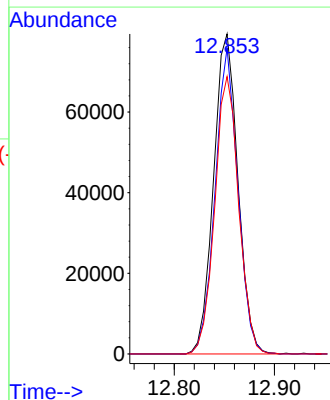
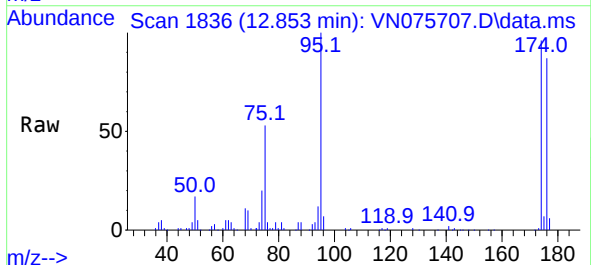
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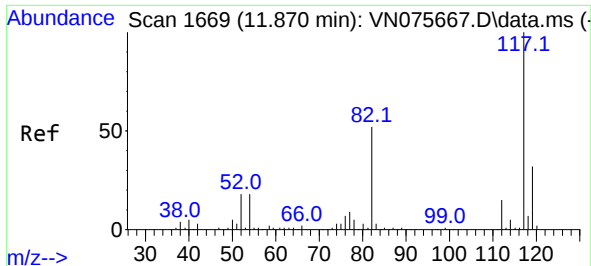
Tgt Ion: 98 Resp: 416375
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.850 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion: 95 Resp: 133825
Ion Ratio Lower Upper
95 100
174 89.5 0.0 178.6
176 85.4 0.0 170.8

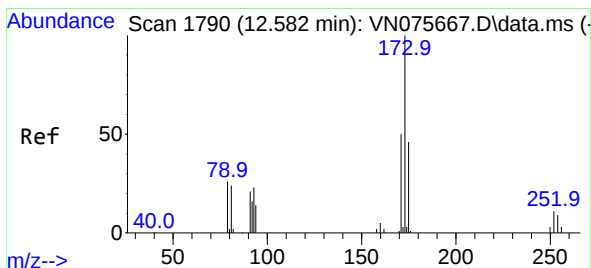
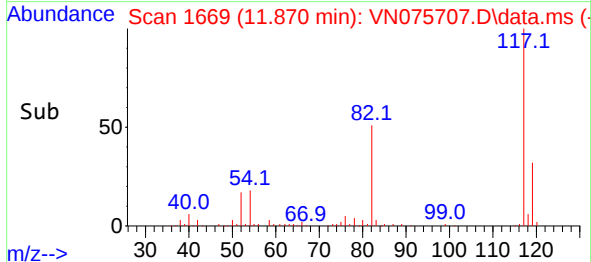
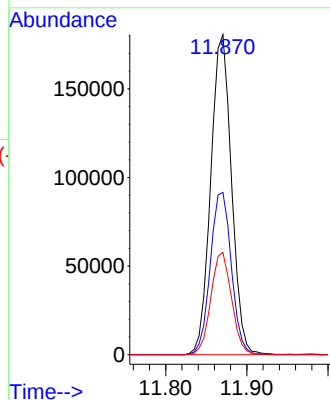
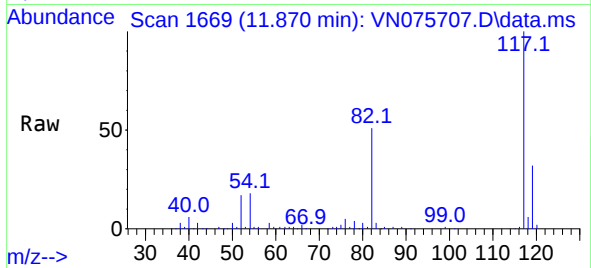




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

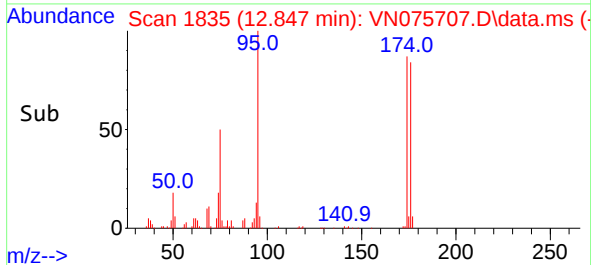
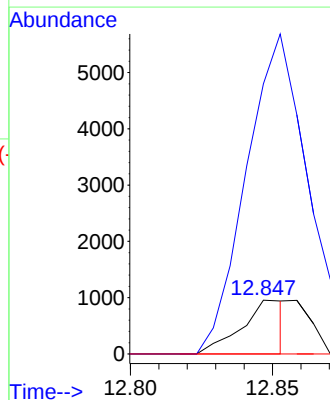
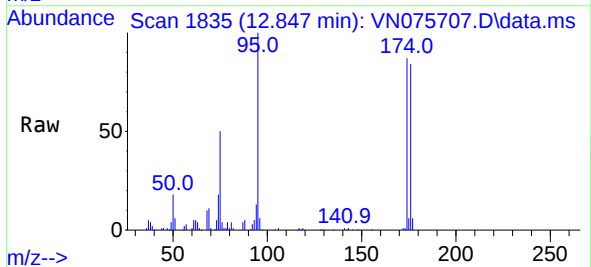
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

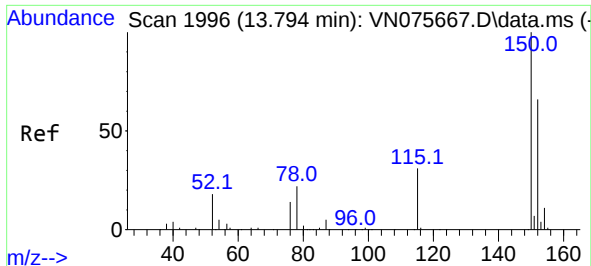
Tgt Ion:117 Resp: 320790
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 31.9 25.8 38.6



#71
Bromoform
Concen: 0.564 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion:173 Resp: 1027
Ion Ratio Lower Upper
173 100
175 690.8 23.8 71.2#
254 0.0 0.0 0.0

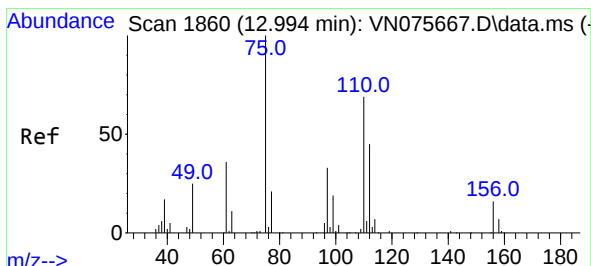
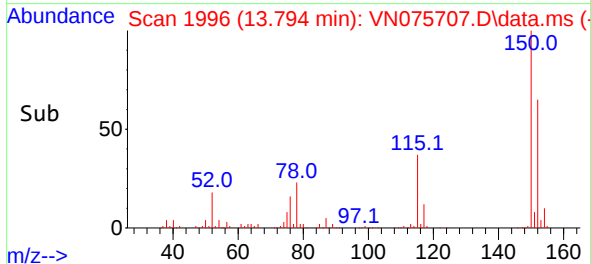
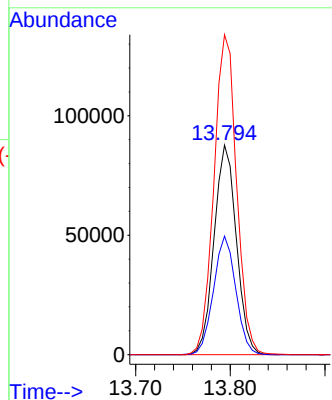
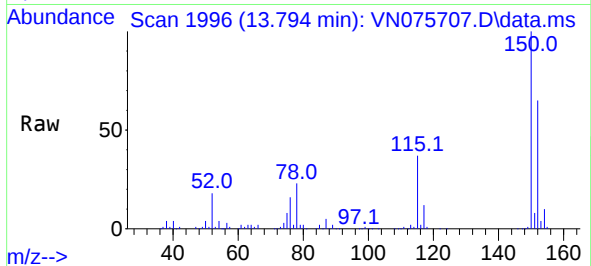




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

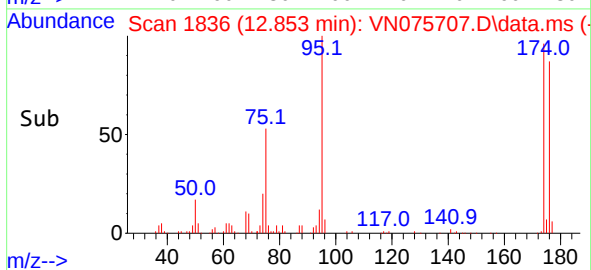
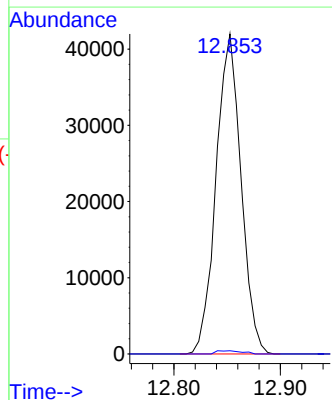
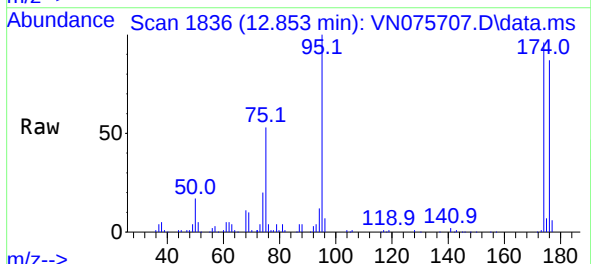
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

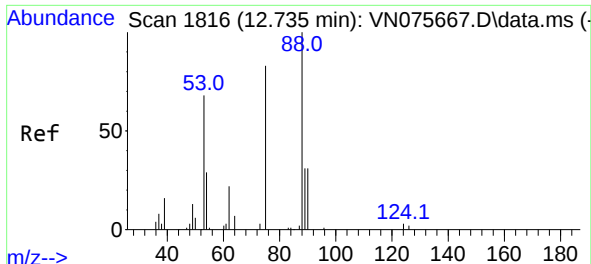
Tgt Ion:152 Resp: 143772
Ion Ratio Lower Upper
152 100
115 56.6 28.4 85.2
150 155.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.639 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion: 75 Resp: 68253
Ion Ratio Lower Upper
75 100
77 1.0 81.8 245.4#

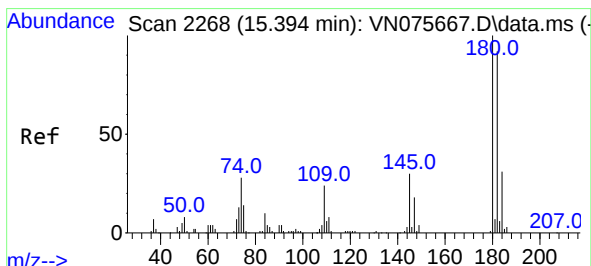
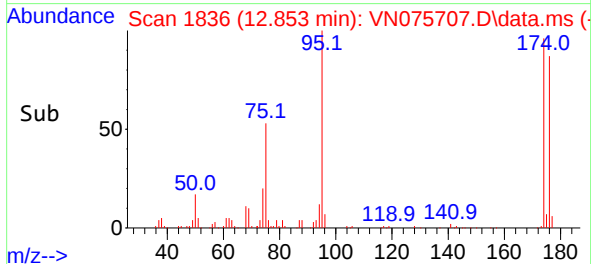
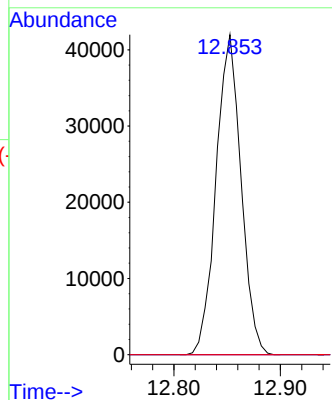
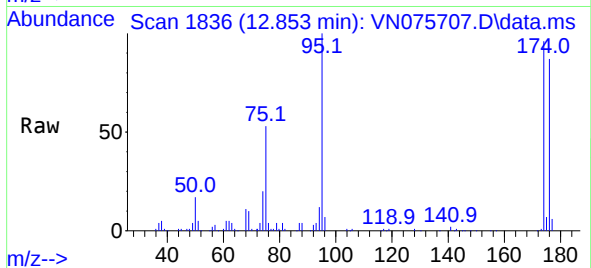




#81
trans-1,4-Dichloro-2-butene
Concen: 75.567 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

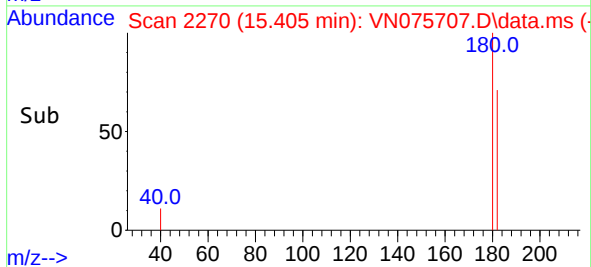
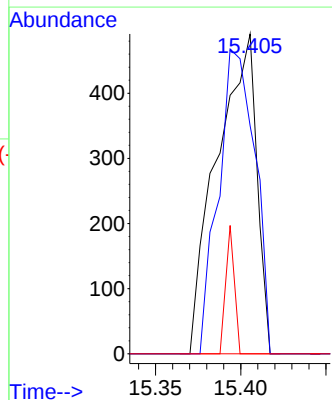
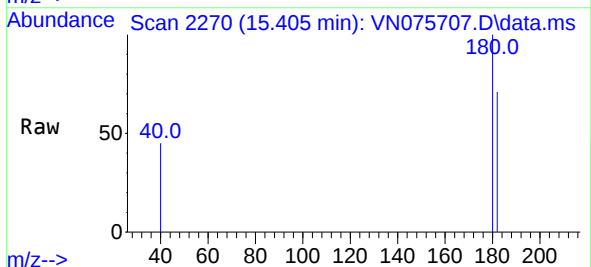
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

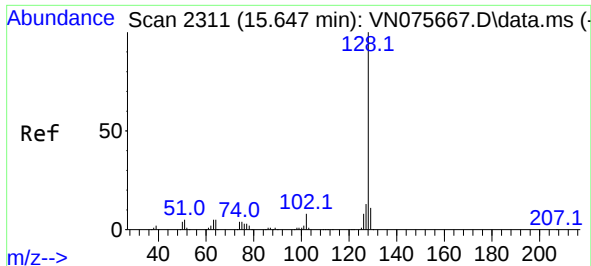
Tgt Ion: 75 Resp: 68253
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.343 ug/l
RT: 15.405 min Scan# 2270
Delta R.T. 0.012 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion:180 Resp: 795
Ion Ratio Lower Upper
180 100
182 87.3 47.1 141.3
145 8.8 15.2 45.5#

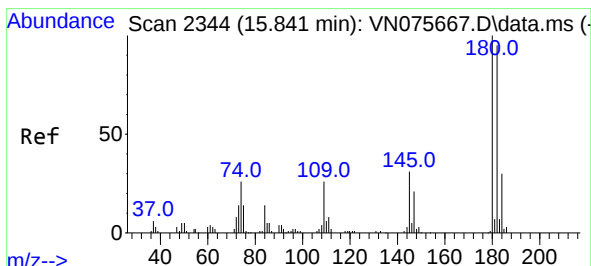
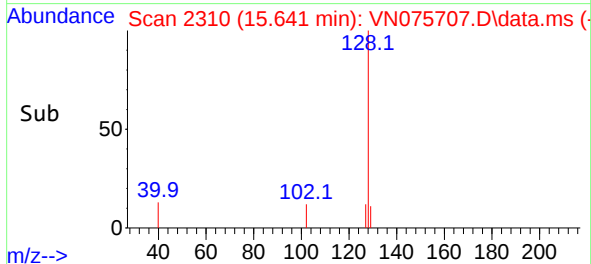
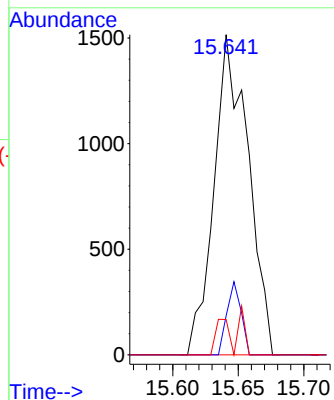
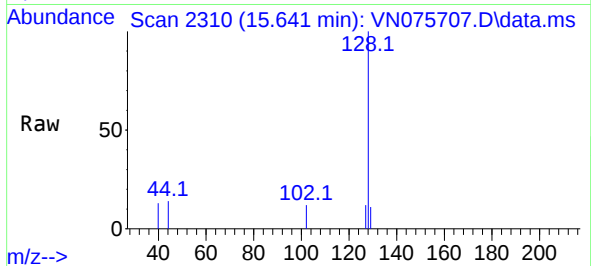




#95
Naphthalene
Concen: 0.401 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL01

Tgt Ion:128 Resp: 2748
Ion Ratio Lower Upper
128 100
127 9.4 10.2 15.4#
129 4.3 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.212 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075707.D
Acq: 12 Dec 2022 12:44

Tgt Ion:180 Resp: 483
Ion Ratio Lower Upper
180 100
182 128.4 46.8 140.4
145 11.2 15.6 46.8#

