

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076747.D
 Acq On : 21 Feb 2023 11:24
 Operator : JC\MD
 Sample : VN0221WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

Quant Time: Feb 22 04:10:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

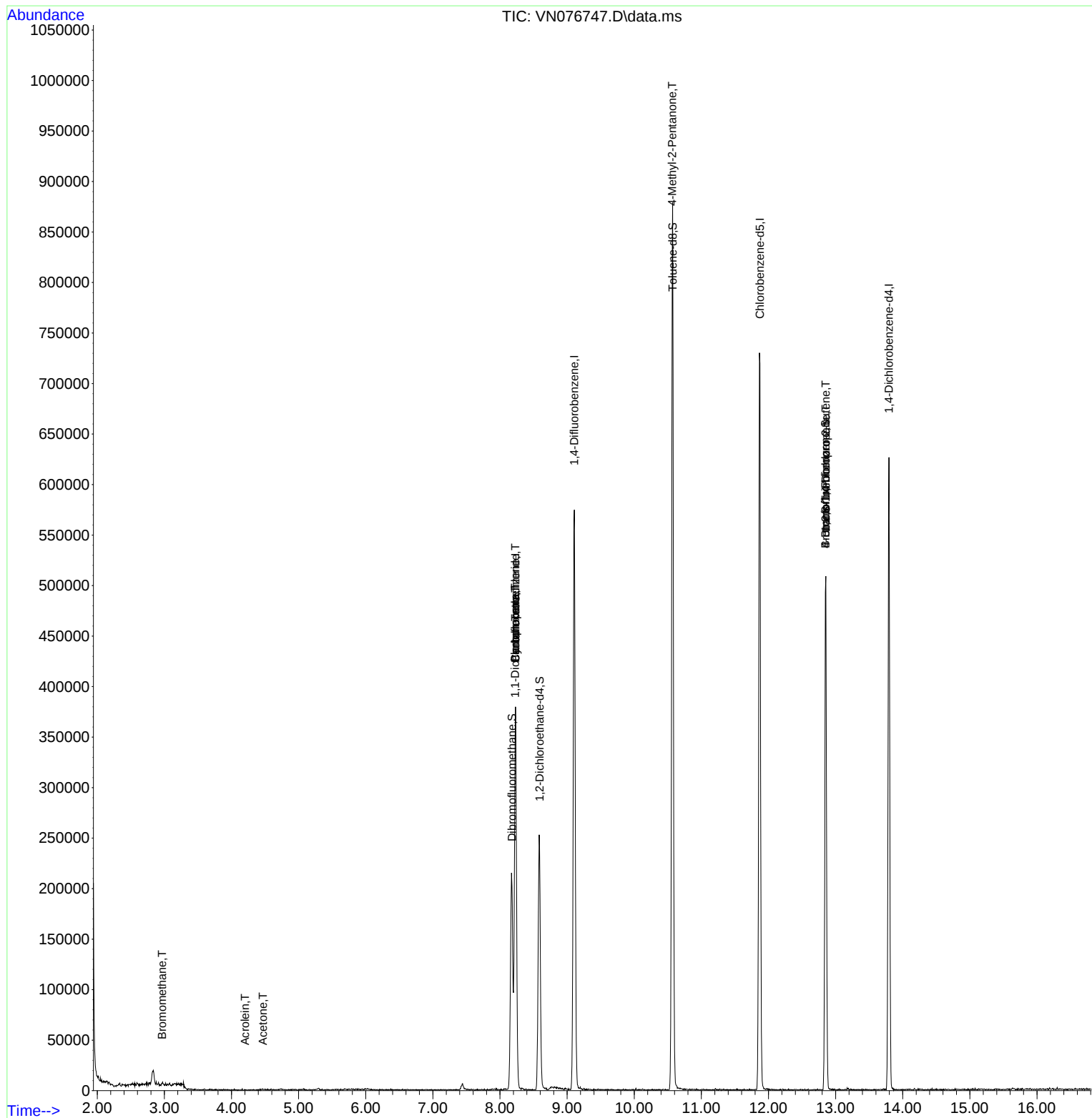
Internal Standards						
1) Pentafluorobenzene	8.230	168	263914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	470815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	412036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	153657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	194890	53.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	8.177	113	148297	48.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.200%	
50) Toluene-d8	10.571	98	579099	50.292	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.848	95	162934	42.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.966	94	560	0.257	ug/l #	48
13) Acrolein	4.201	56	157	0.217	ug/l #	14
16) Acetone	4.466	43	955	0.587	ug/l #	42
31) Cyclohexane	8.230	56	7602	1.330	ug/l #	13
36) 1,1-Dichloropropene	8.225	75	24053	5.399	ug/l #	51
38) Carbon Tetrachloride	8.230	117	28433	6.327	ug/l #	18
51) 4-Methyl-2-Pentanone	10.566	43	3070	0.633	ug/l #	1
71) Bromoform	12.848	173	1174	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	93387	30.062	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	93387	87.557	ug/l #	4

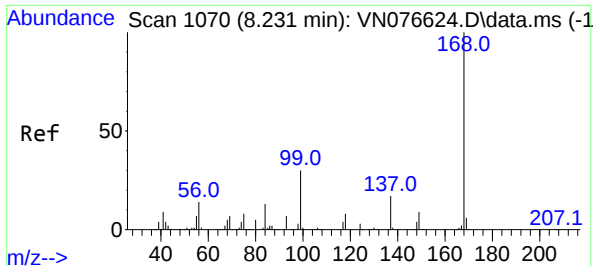
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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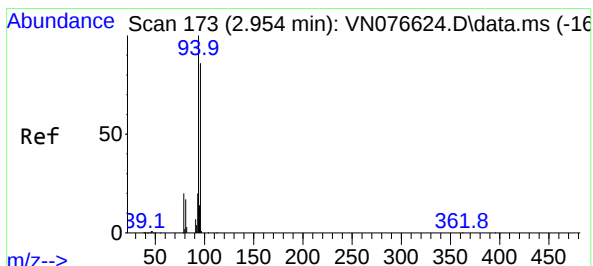
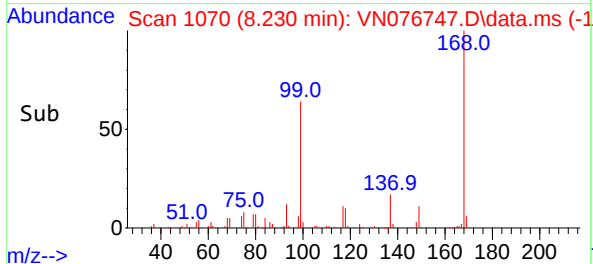
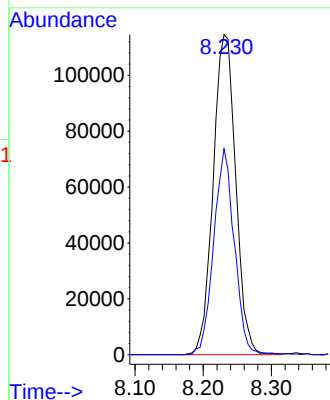
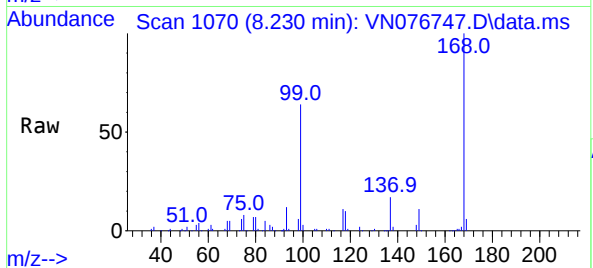




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

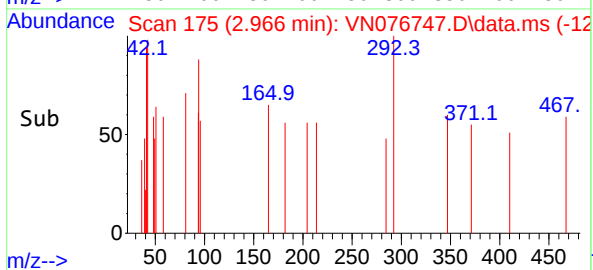
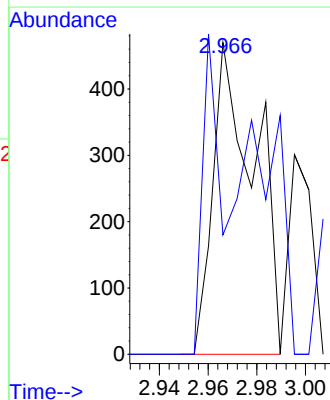
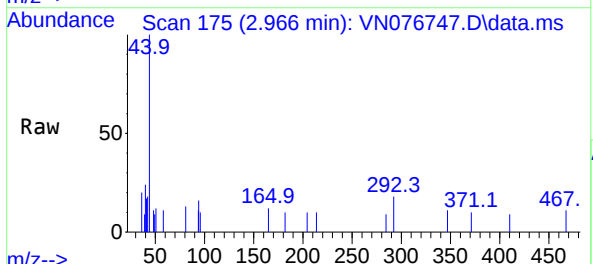
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

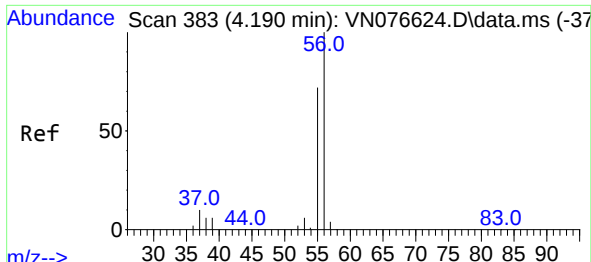
Tgt Ion:168 Resp: 263914
Ion Ratio Lower Upper
168 100
99 64.3 44.8 67.2



#5
Bromomethane
Concen: 0.257 ug/l
RT: 2.966 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 38.3 69.0 103.4#

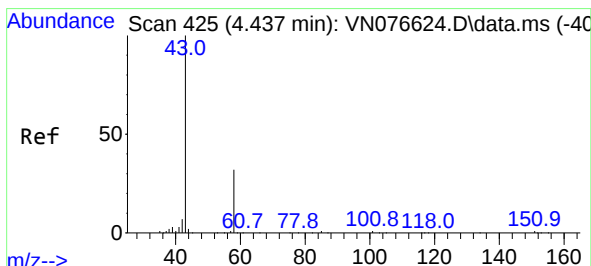
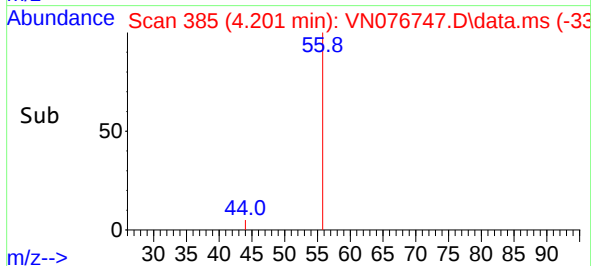
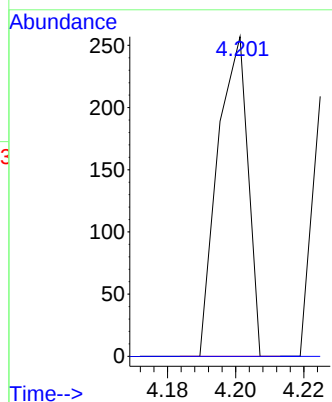
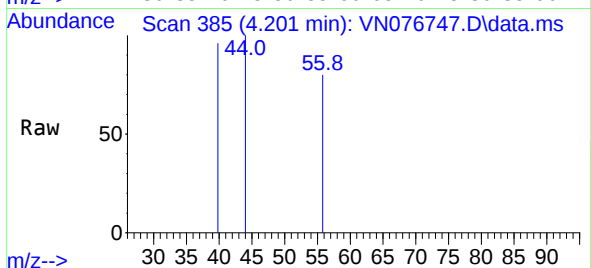




#13
Acrolein
Concen: 0.217 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

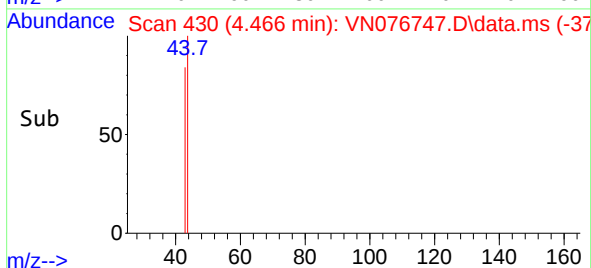
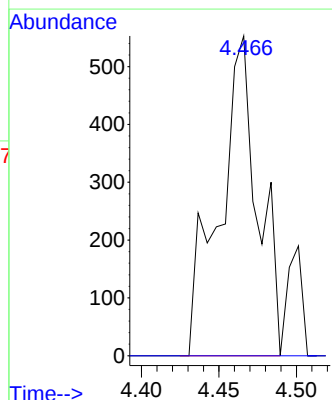
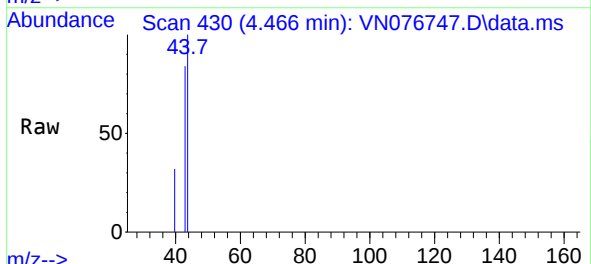
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

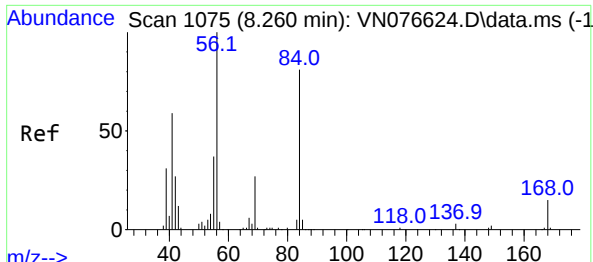
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 0.587 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.029 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

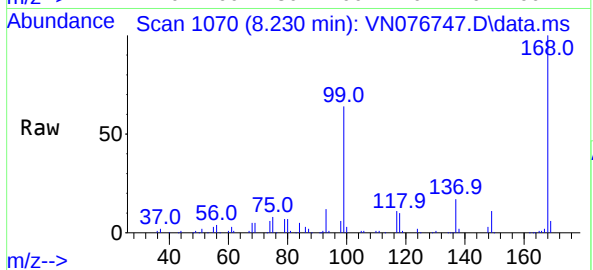
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



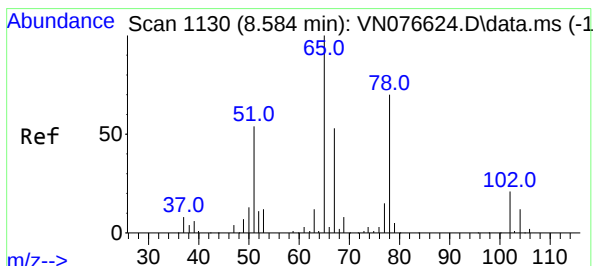
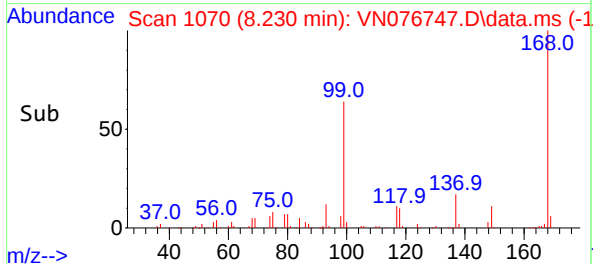
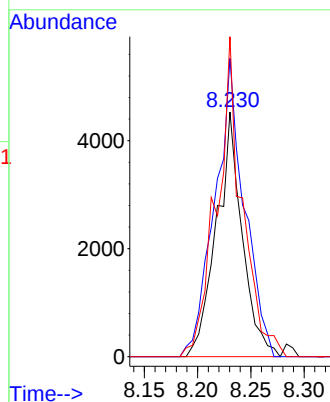


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

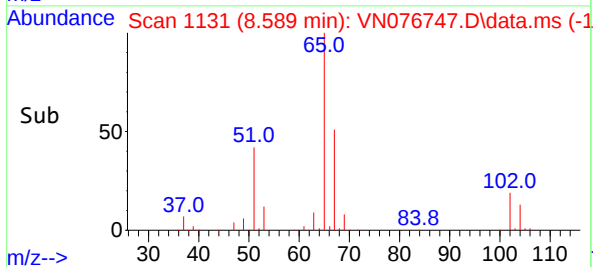
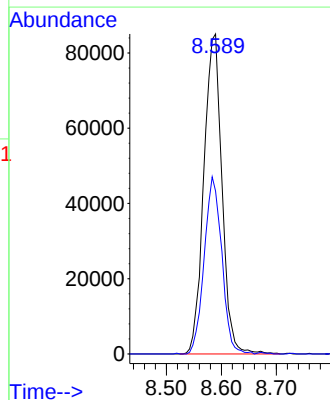
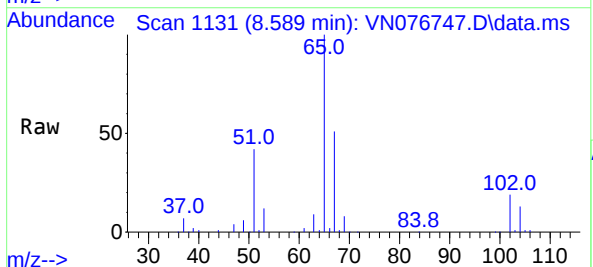


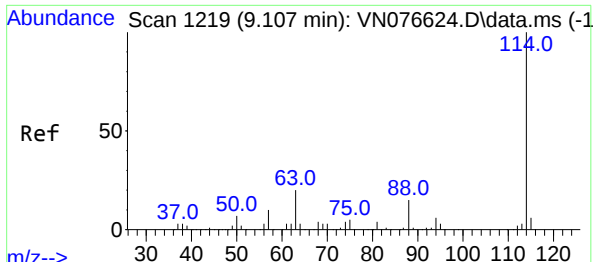
Tgt Ion: 56 Resp: 7602
Ion Ratio Lower Upper
56 100
69 122.0 21.6 32.4#
84 130.8 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 53.479 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 65 Resp: 194890
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.6

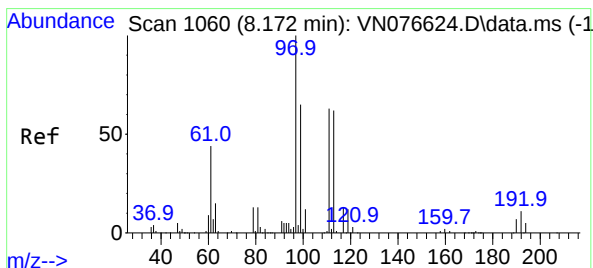
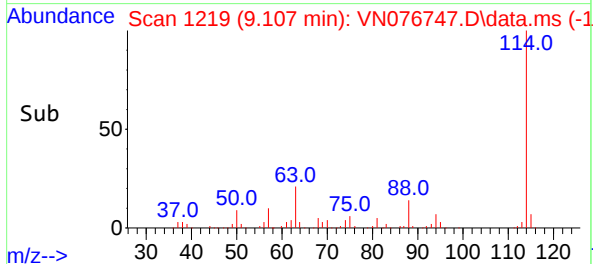
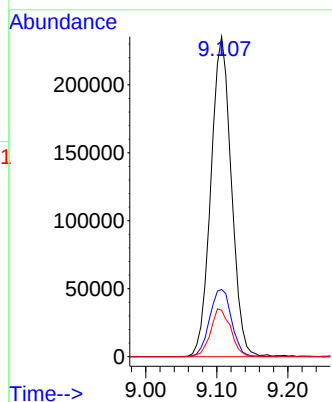
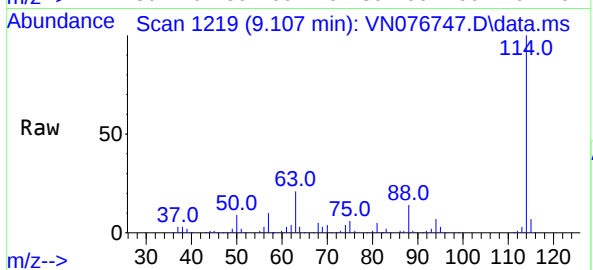




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

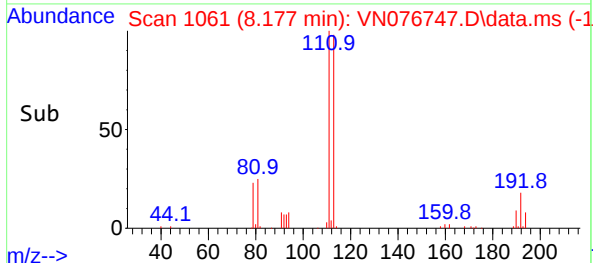
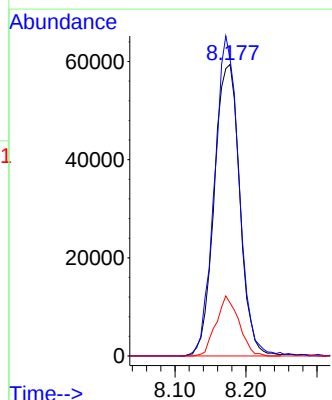
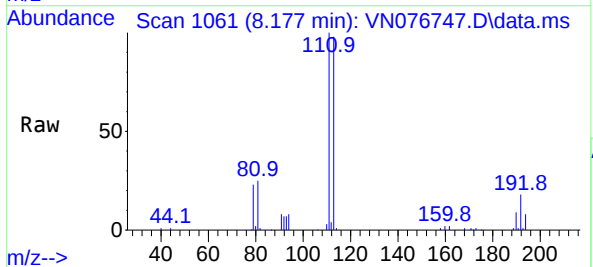
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

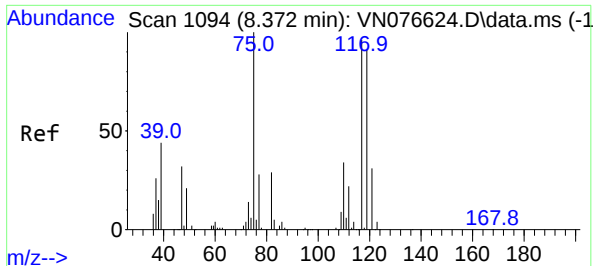
Tgt Ion:114 Resp: 470815
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 14.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 48.097 ug/l
RT: 8.177 min Scan# 1061
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion:113 Resp: 148297
Ion Ratio Lower Upper
113 100
111 105.3 83.1 124.7
192 18.4 15.6 23.4

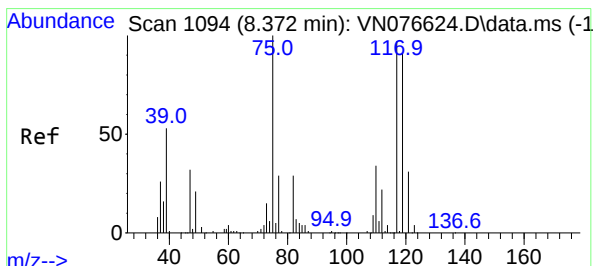
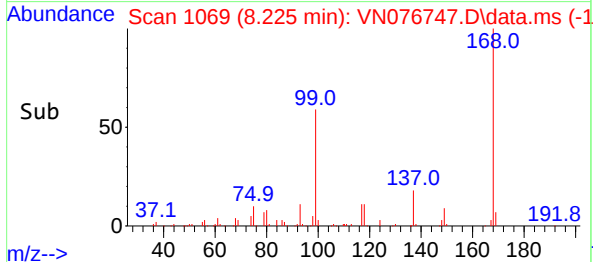
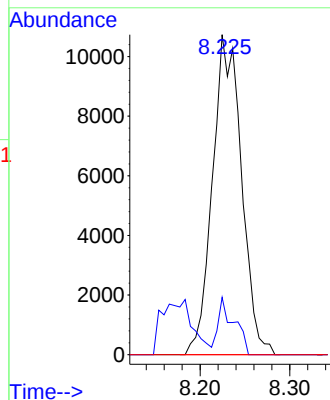
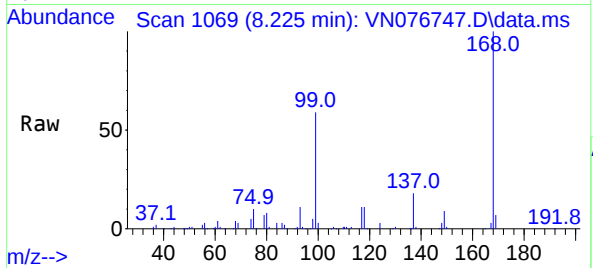




#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 8.225 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

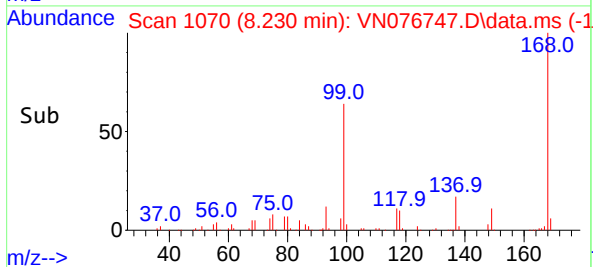
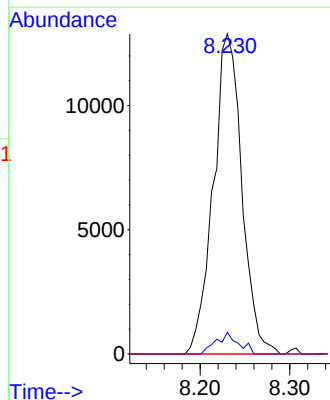
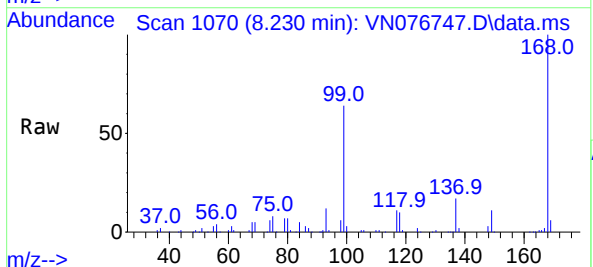
Instrument :
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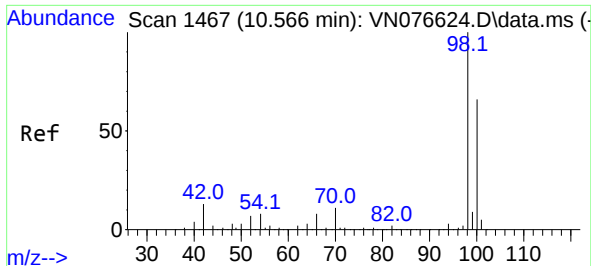
Tgt Ion: 75 Resp: 24053
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.142 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 117 Resp: 28433
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.0#
121 0.0 26.0 39.0#

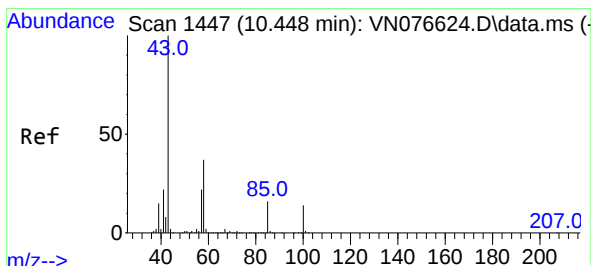
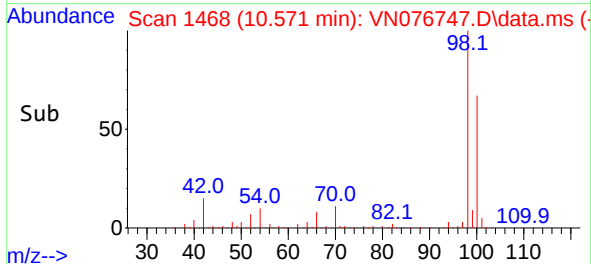
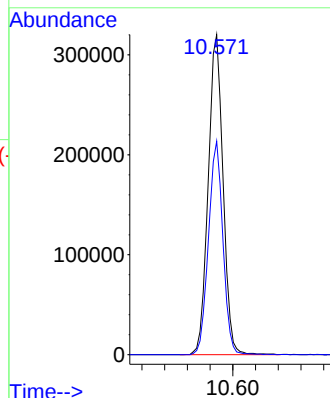
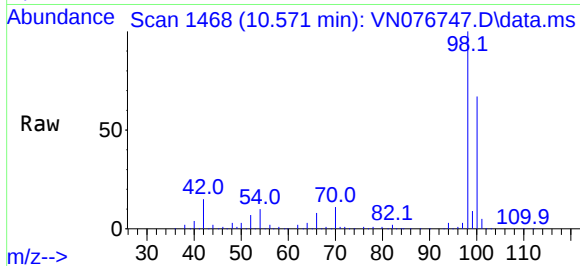




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.571 min Scan# 1467
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

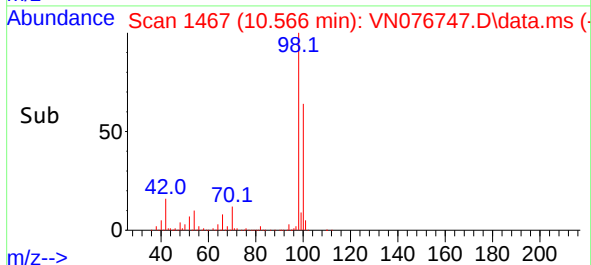
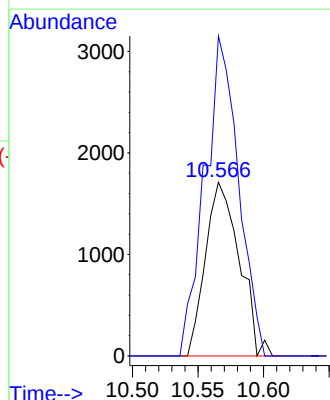
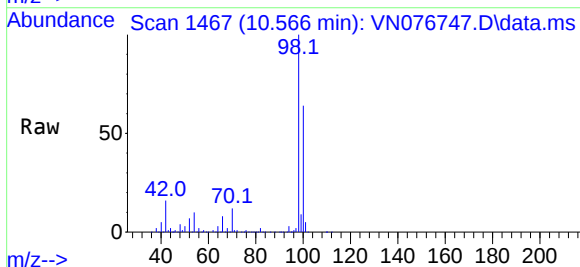
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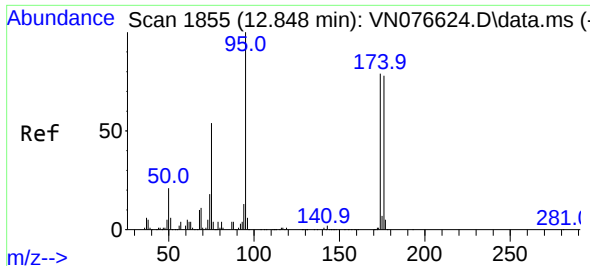
Tgt Ion: 98 Resp: 579099
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.118 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
58 183.5 29.5 44.3#

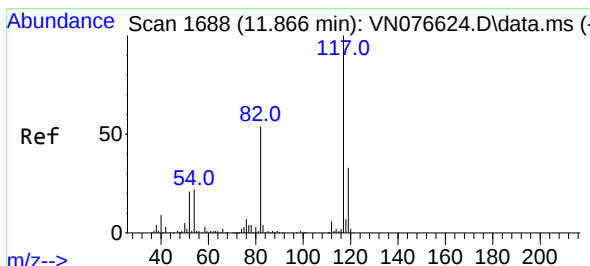
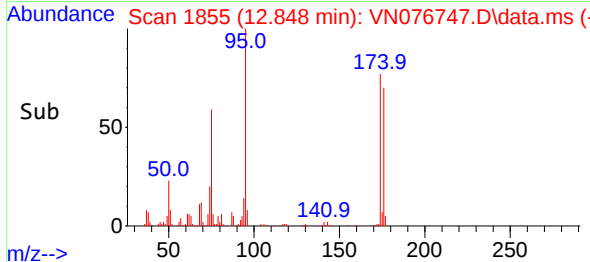
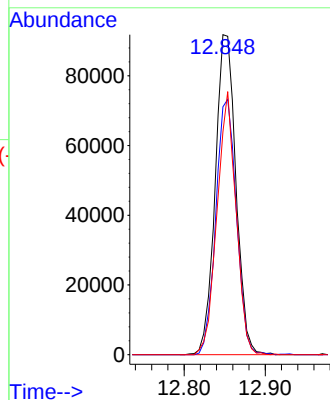
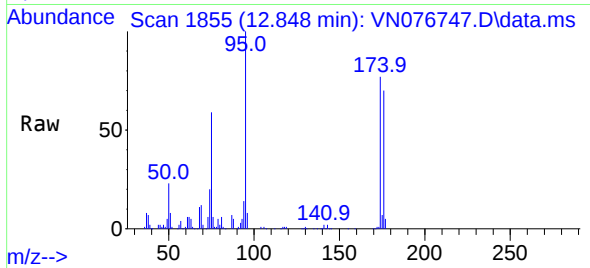




#62
4-Bromofluorobenzene
Concen: 42.723 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

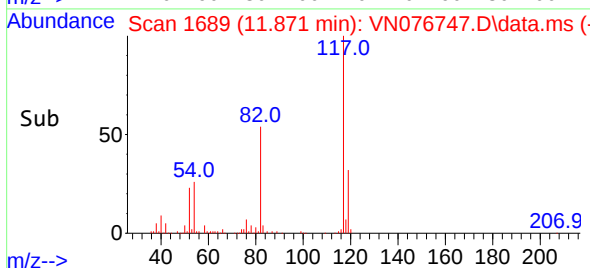
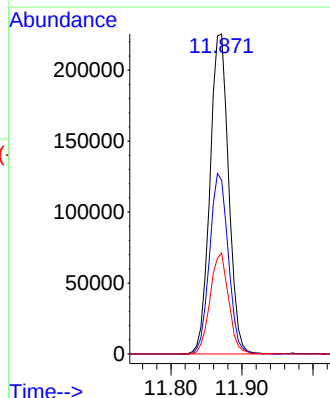
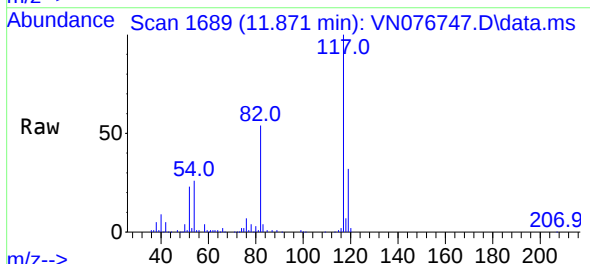
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

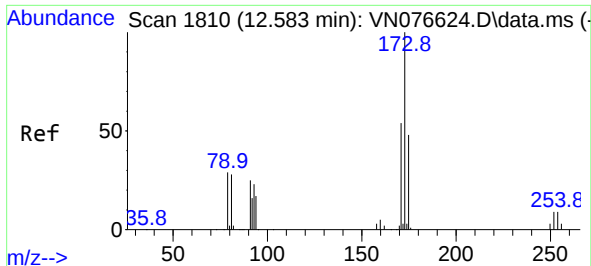
Tgt Ion: 95 Resp: 162934
Ion Ratio Lower Upper
95 100
174 79.1 0.0 169.2
176 75.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 117 Resp: 412036
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 31.6 26.1 39.1

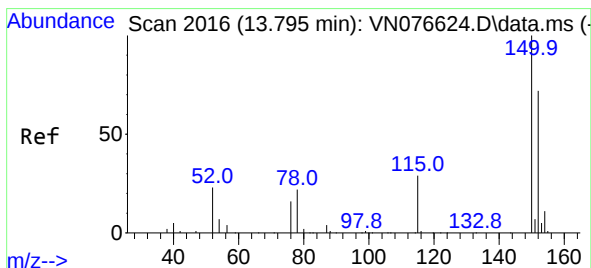
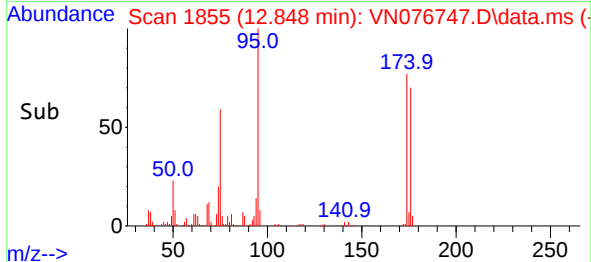
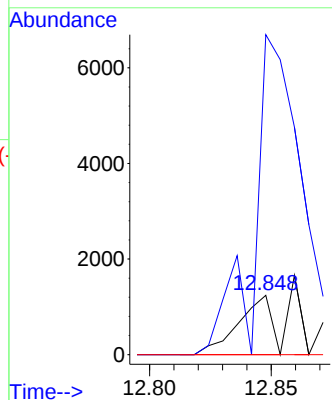
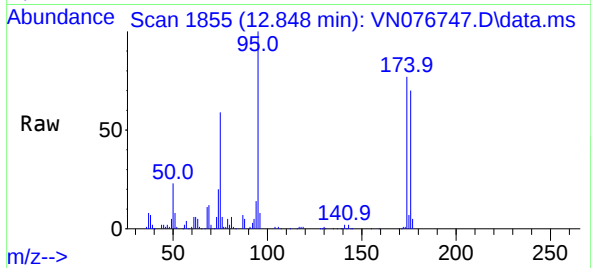




#71
Bromoform
Concen: 0.505 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

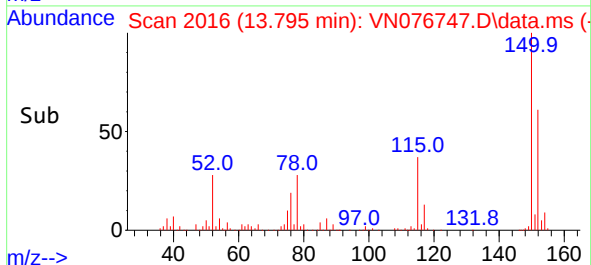
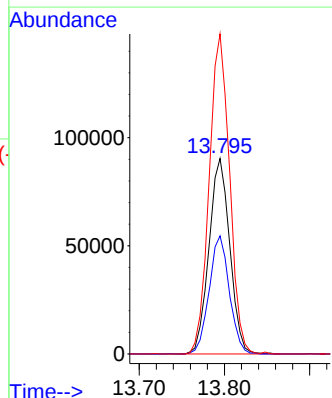
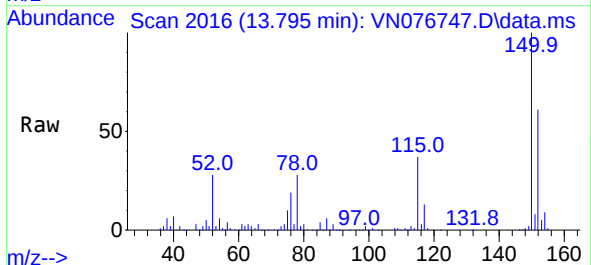
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

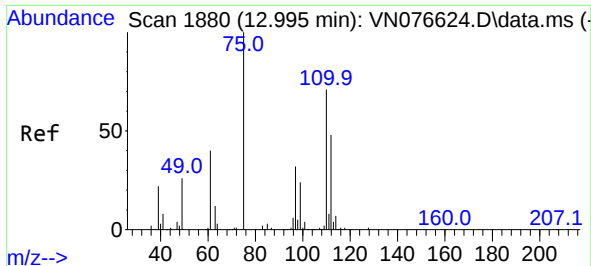
Tgt Ion:173 Resp: 1174
Ion Ratio Lower Upper
173 100
175 632.9 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion:152 Resp: 153657
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 159.5 0.0 349.8

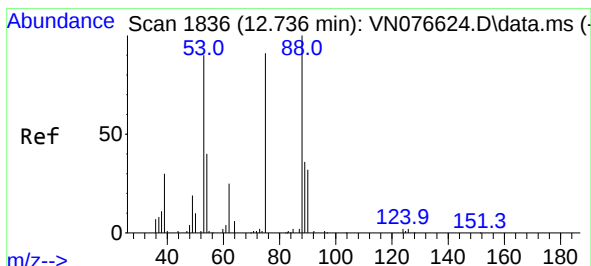
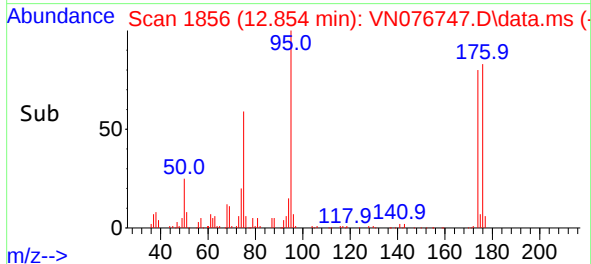
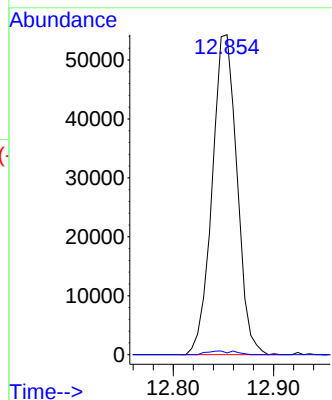
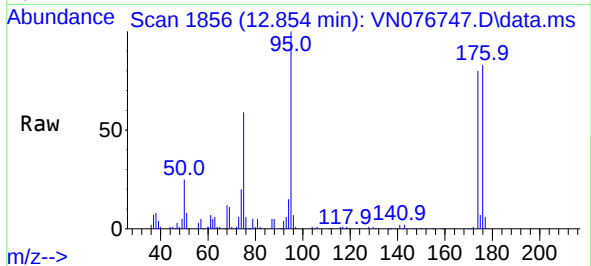




#76
1,2,3-Trichloropropane
Concen: 30.062 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

Tgt Ion: 75 Resp: 93387
Ion Ratio Lower Upper
75 100
77 1.3 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.557 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076747.D
Acq: 21 Feb 2023 11:24

Tgt Ion: 75 Resp: 93387
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#

