

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077361.D
 Acq On : 17 Apr 2023 16:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 18 04:42:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

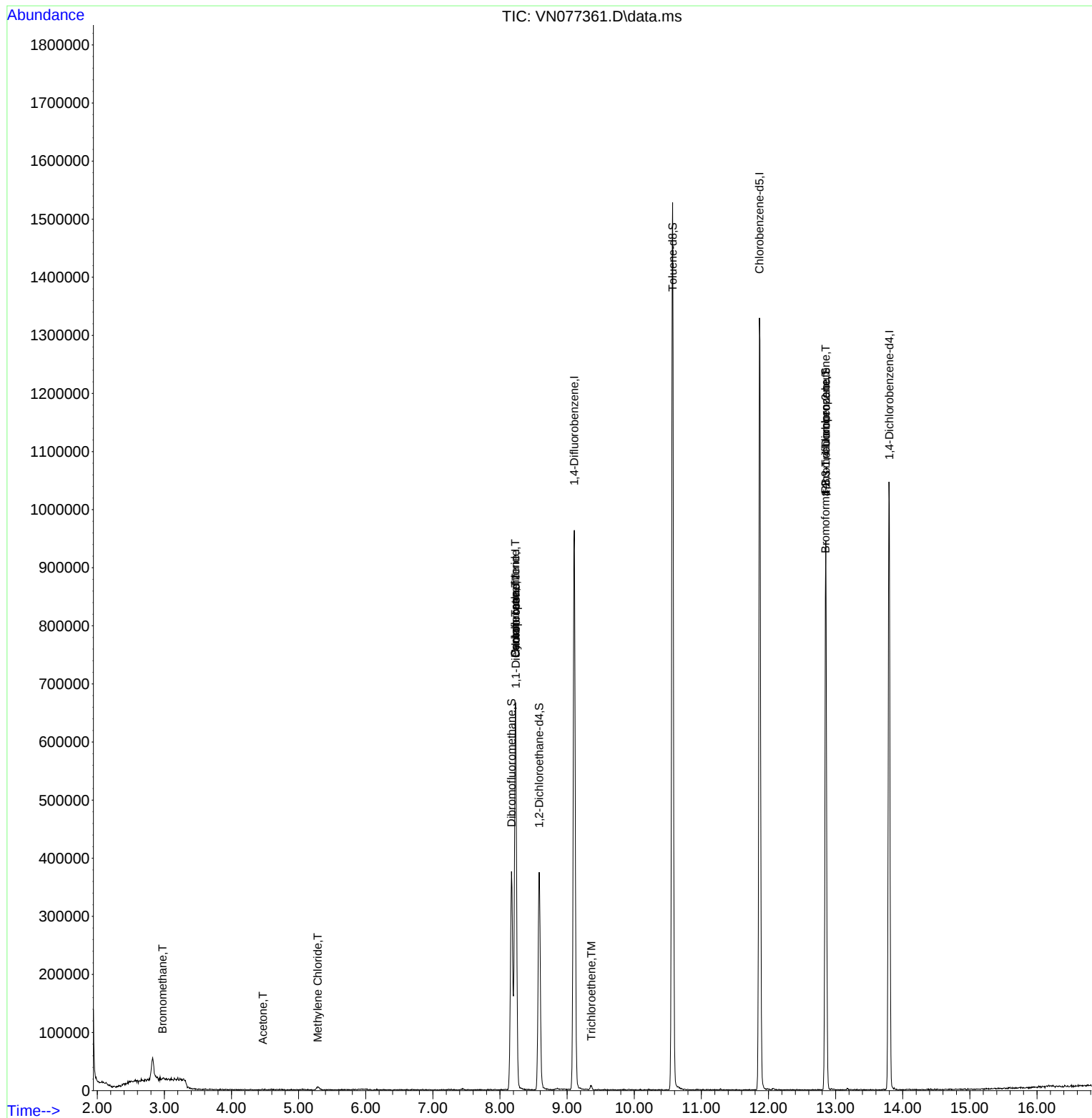
Internal Standards						
1) Pentafluorobenzene	8.230	168	481404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	898537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	804571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	286924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	295620	44.930	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.860%		
35) Dibromofluoromethane	8.172	113	270661	47.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	10.571	98	1107765	47.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.854	95	329572	42.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.580%		
Target Compounds						Qvalue
5) Bromomethane	2.972	94	2585	0.345	ug/l	100
16) Acetone	4.466	43	807	0.333	ug/l #	74
20) Methylene Chloride	5.284	84	4663	0.681	ug/l #	57
31) Cyclohexane	8.230	56	11625	1.137	ug/l #	6
36) 1,1-Dichloropropene	8.236	75	41351	4.861	ug/l #	49
38) Carbon Tetrachloride	8.230	117	50751	5.823	ug/l #	14
44) Trichloroethene	9.360	130	2362	0.372	ug/l	76
71) Bromoform	12.848	173	994	0.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	176568	25.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	176568	58.154	ug/l #	13

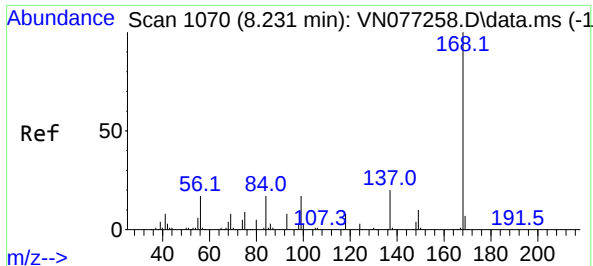
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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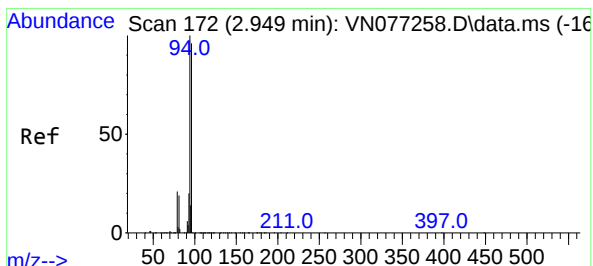
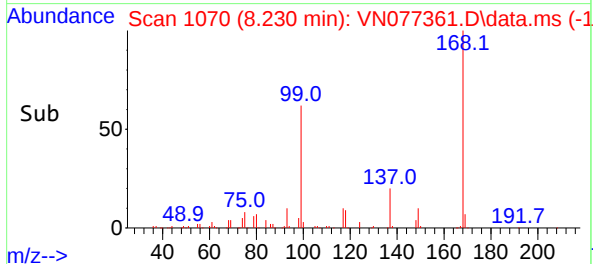
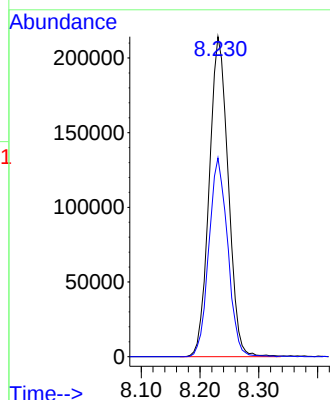
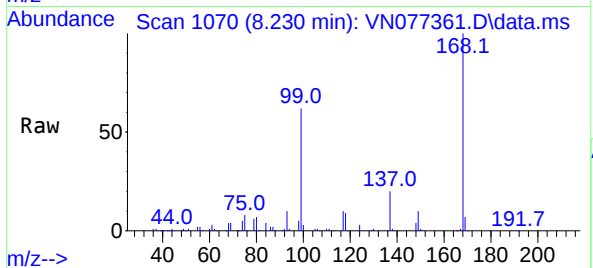




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

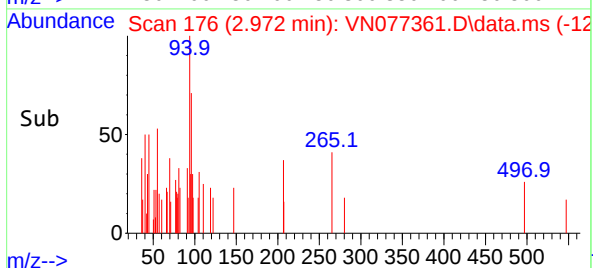
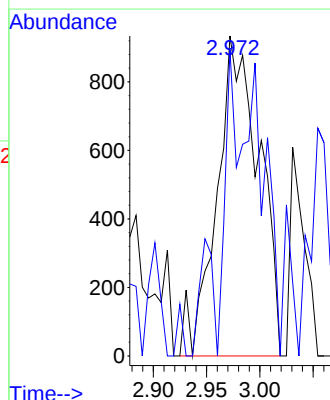
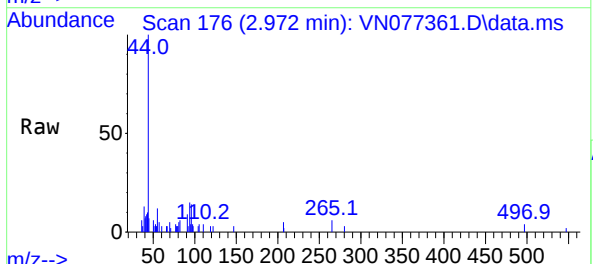
Instrument :
MSVOA_N
ClientSampleId :
IBLK

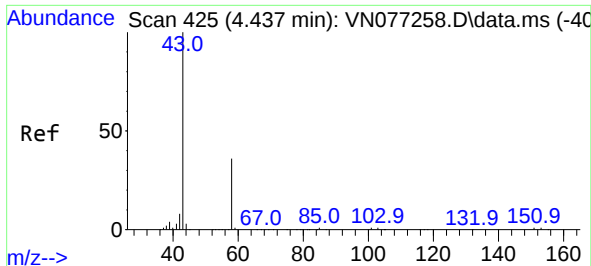
Tgt Ion:168 Resp: 481404
Ion Ratio Lower Upper
168 100
99 62.1 50.6 75.8



#5
Bromomethane
Concen: 0.345 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 94 Resp: 2585
Ion Ratio Lower Upper
94 100
96 95.7 77.0 115.4

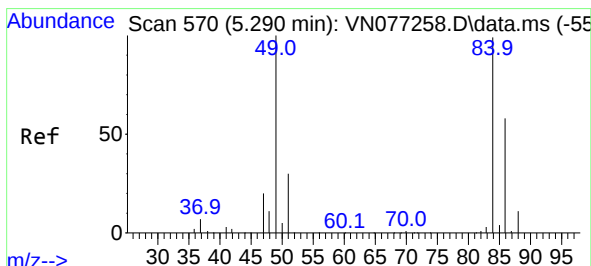
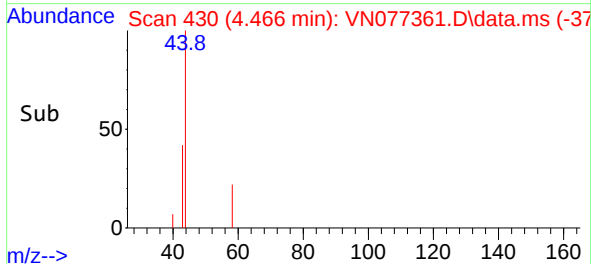
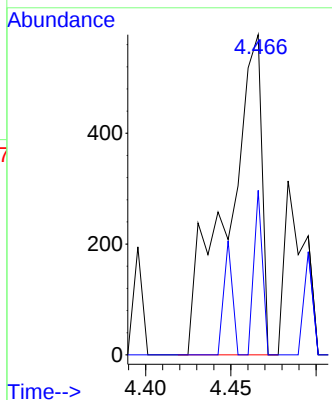
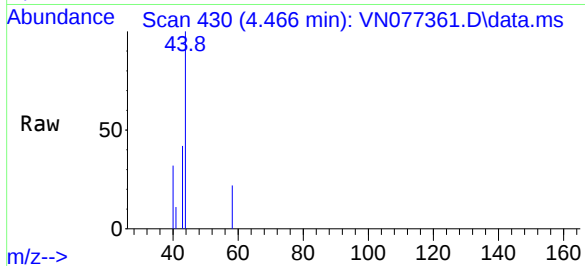




#16
Acetone
Concen: 0.333 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

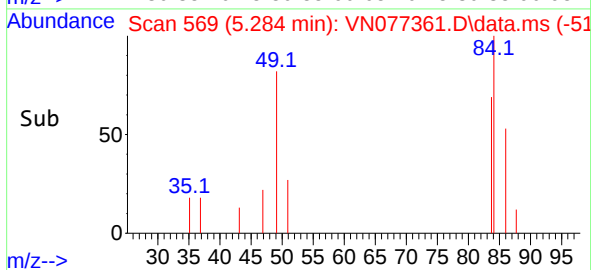
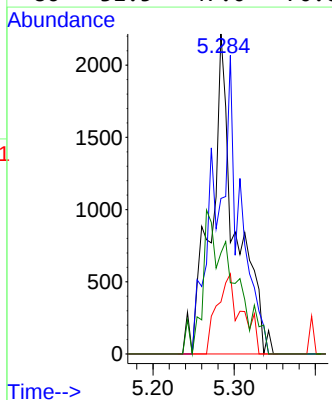
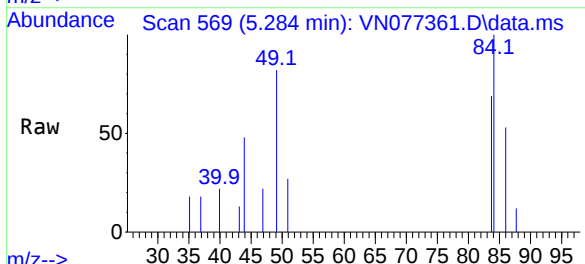
Instrument :
MSVOA_N
ClientSampleId :
IBLK

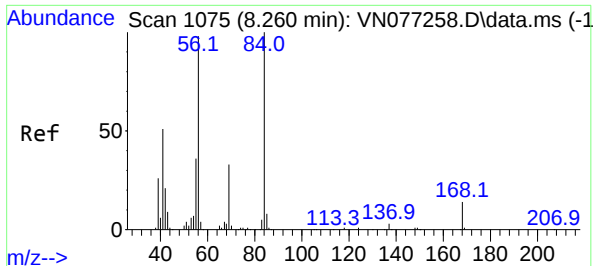
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 51.4 29.0 43.6#



#20
Methylene Chloride
Concen: 0.681 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 84 Resp: 4663
Ion Ratio Lower Upper
84 100
49 48.6 80.6 121.0#
51 16.3 24.4 36.6#
86 31.5 47.0 70.6#

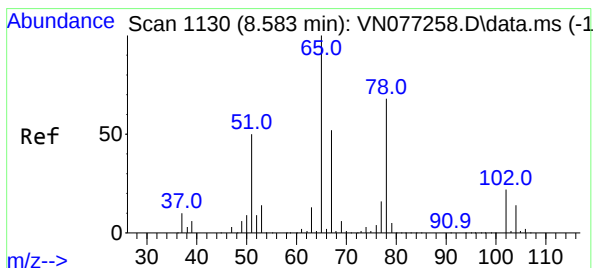
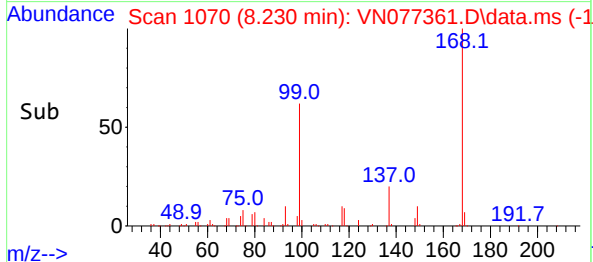
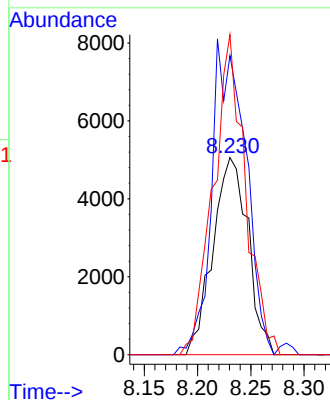
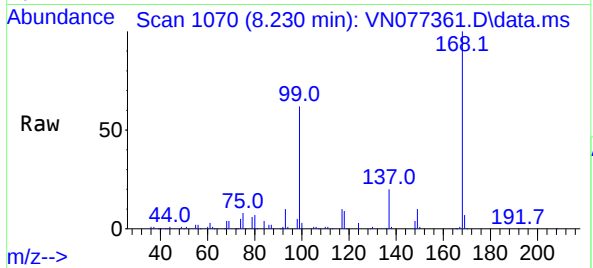




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.030 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

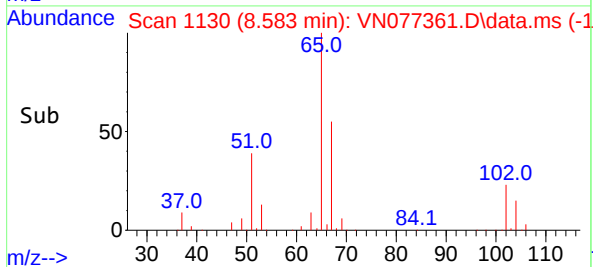
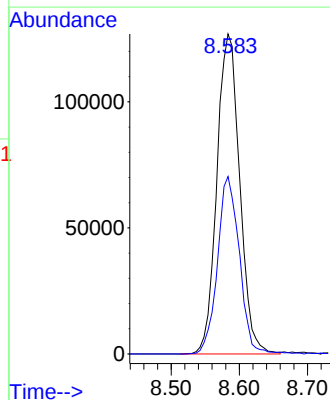
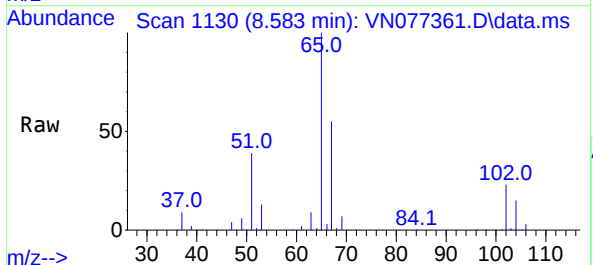
Instrument :
MSVOA_N
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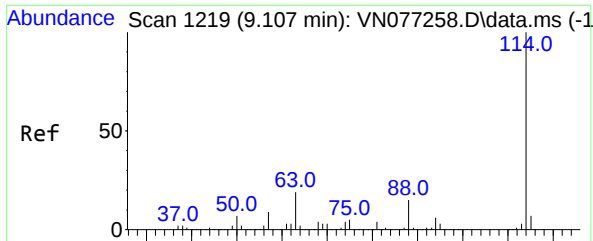
Tgt Ion: 56 Resp: 11625
Ion Ratio Lower Upper
56 100
69 147.9 26.6 40.0#
84 162.4 81.8 122.8#



#33
1,2-Dichloroethane-d4
Concen: 44.930 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 65 Resp: 295620
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.8

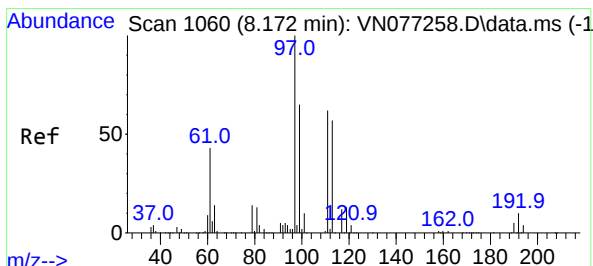
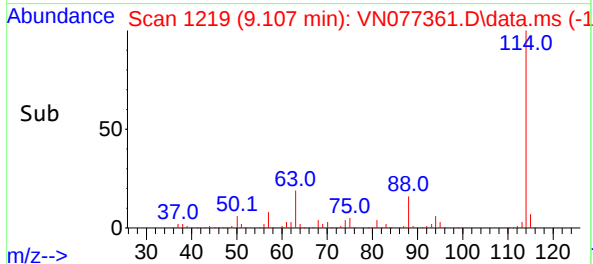
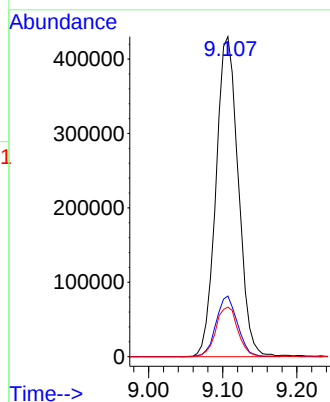
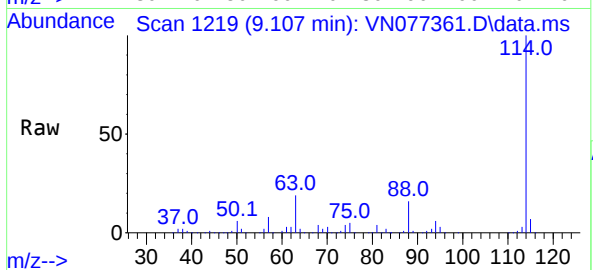




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

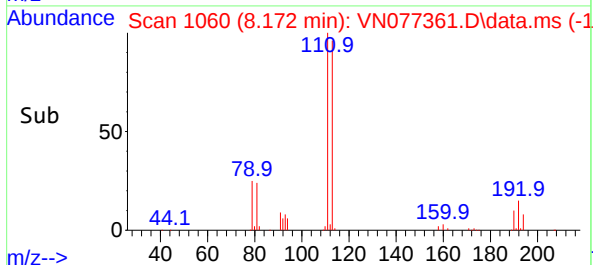
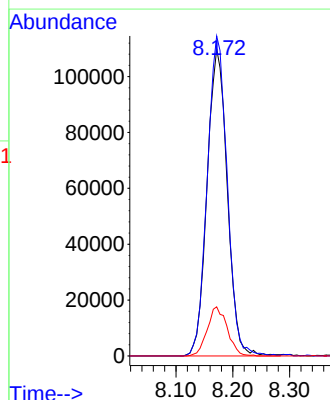
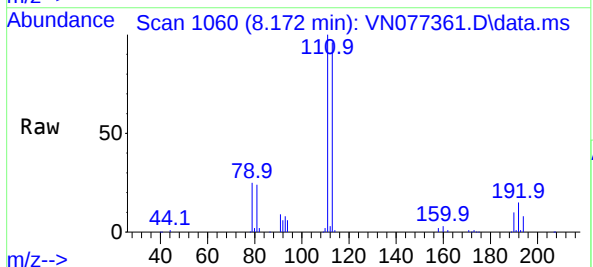
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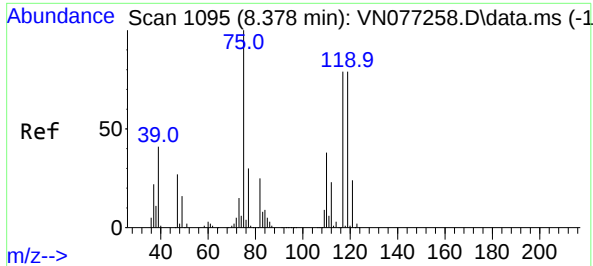
Tgt Ion:114 Resp: 898537
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.8
88 15.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.054 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion:113 Resp: 270661
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 15.9 13.5 20.3

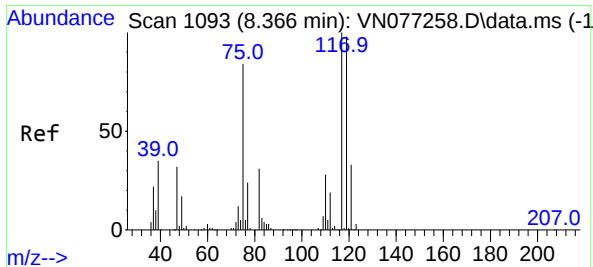
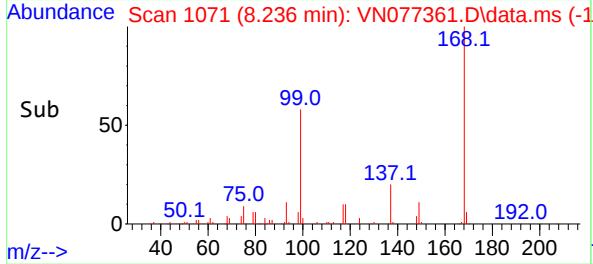
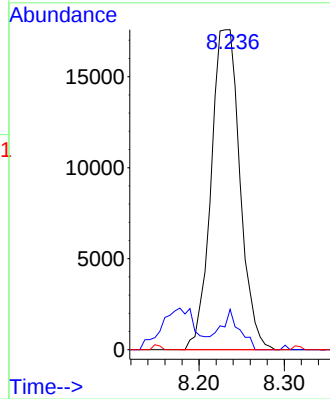
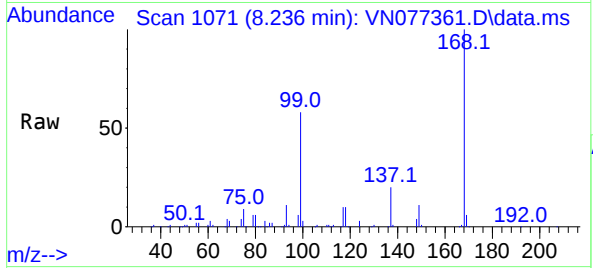




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.142 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

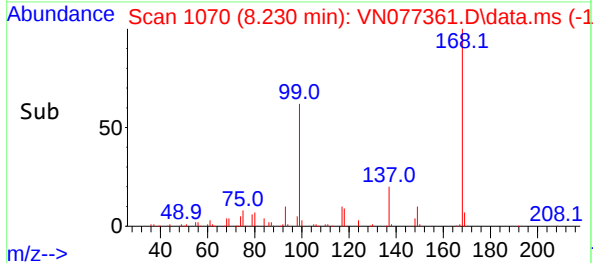
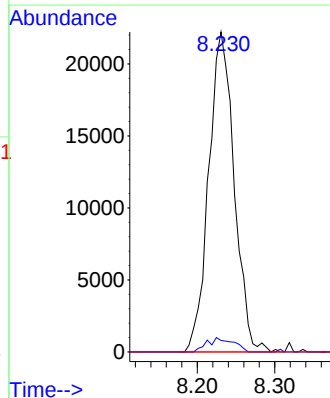
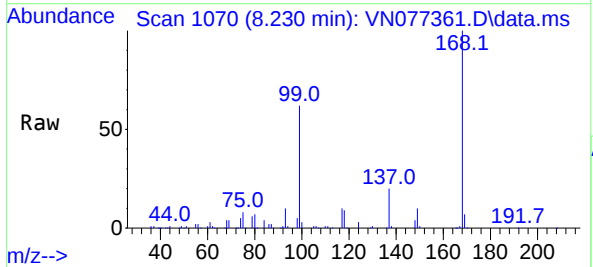
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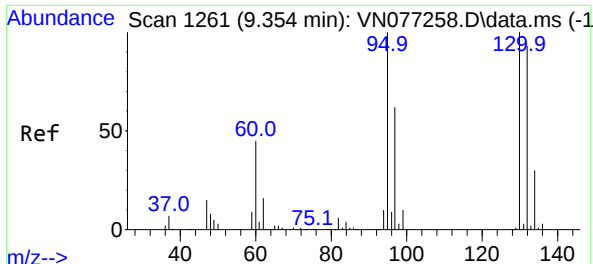
Tgt Ion: 75 Resp: 41351
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.136 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 117 Resp: 50751
Ion Ratio Lower Upper
117 100
119 3.6 78.5 117.7#
121 0.0 26.6 40.0#

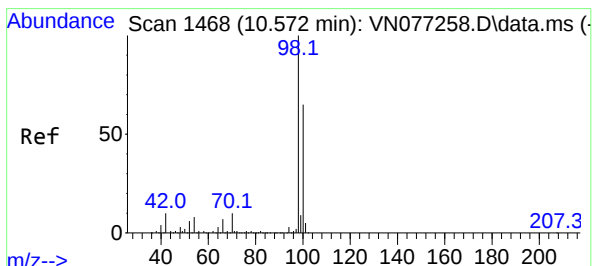
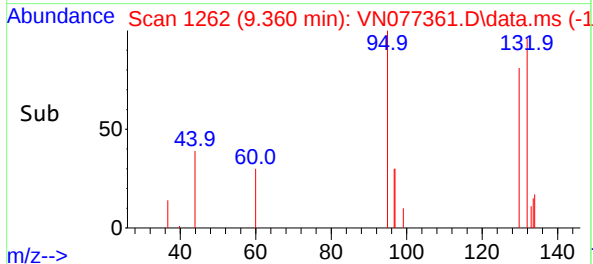
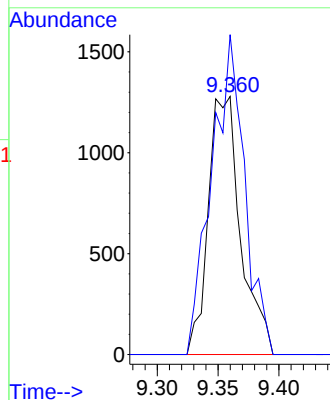
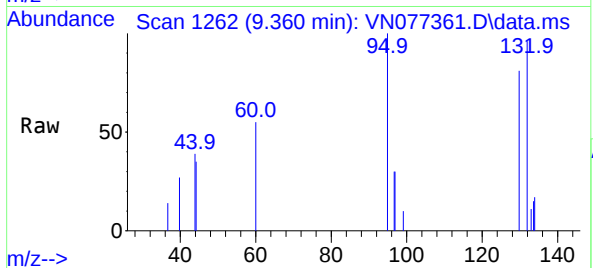




#44
Trichloroethene
Concen: 0.372 ug/l
RT: 9.360 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

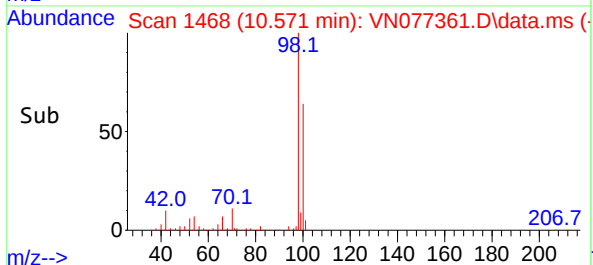
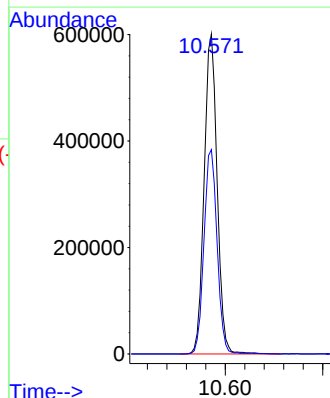
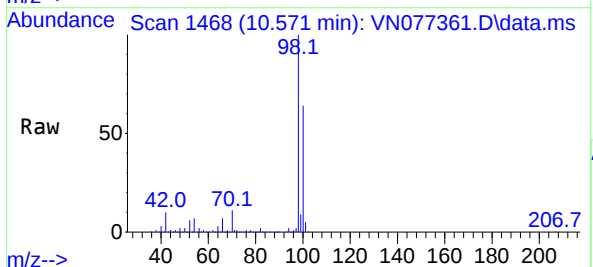
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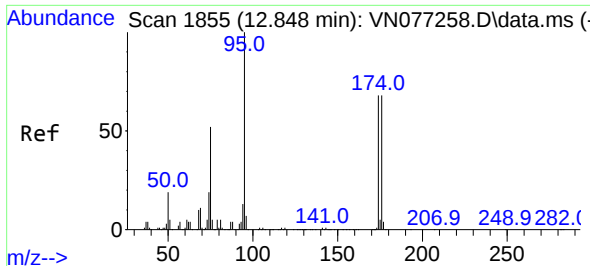
Tgt Ion:130 Resp: 2362
Ion Ratio Lower Upper
130 100
95 123.9 0.0 200.2



#50
Toluene-d8
Concen: 47.839 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 98 Resp: 1107765
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9

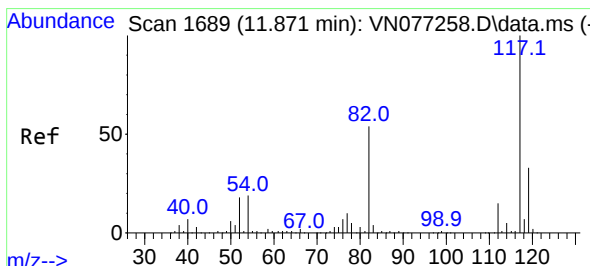
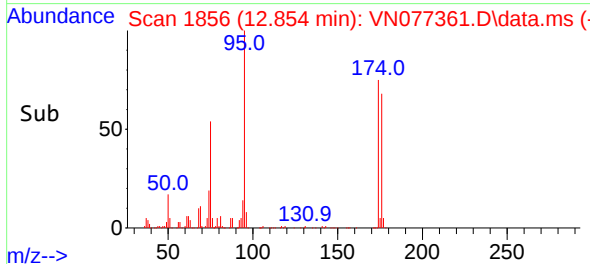
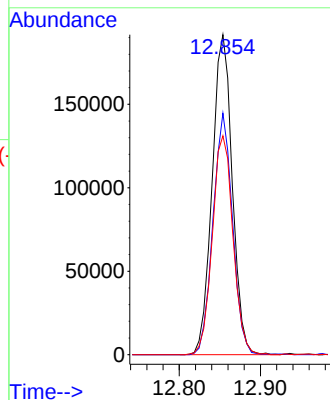
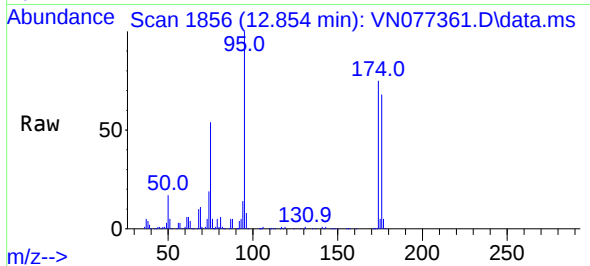




#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

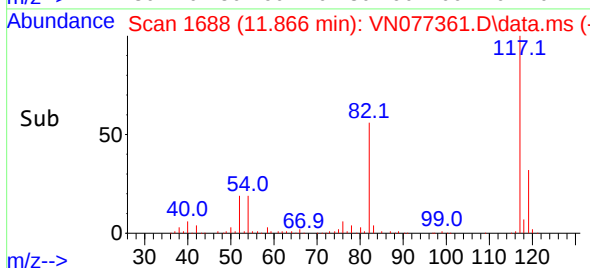
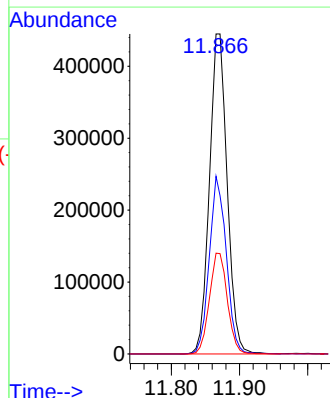
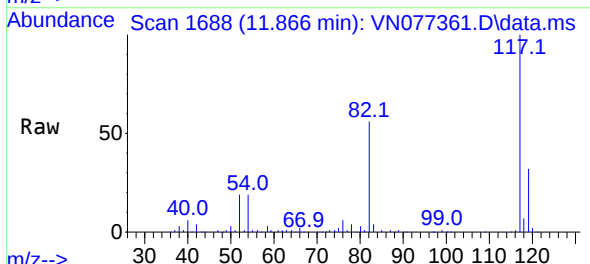
Instrument :
MSVOA_N
ClientSampleId :
IBLK

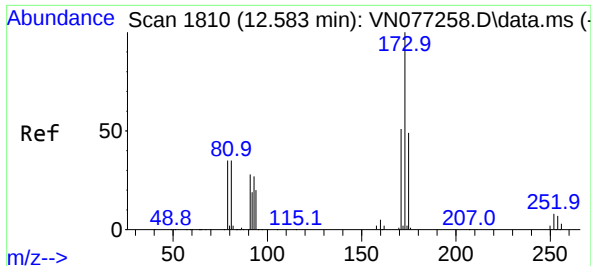
Tgt Ion: 95 Resp: 329572
Ion Ratio Lower Upper
95 100
174 73.4 0.0 146.8
176 70.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 117 Resp: 804571
Ion Ratio Lower Upper
117 100
82 55.5 42.9 64.3
119 31.5 26.2 39.4

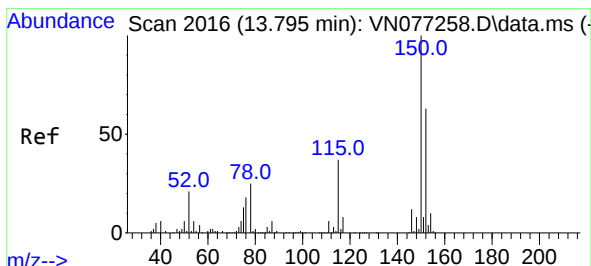
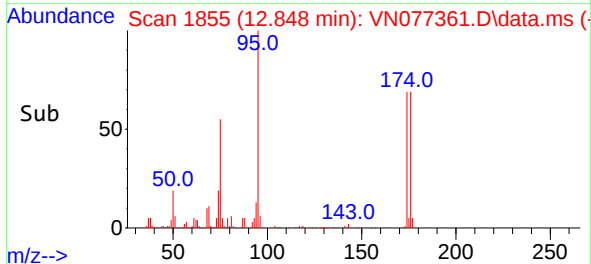
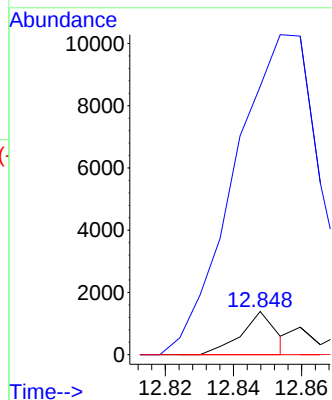
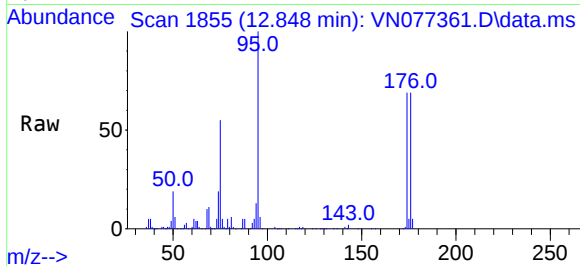




#71
Bromoform
Concen: 0.211 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

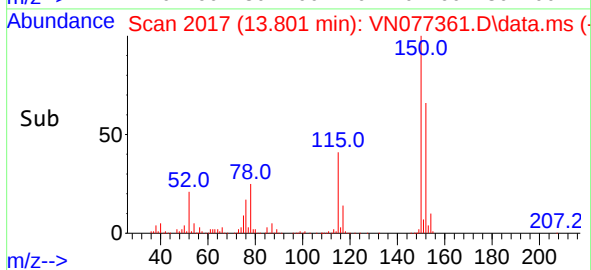
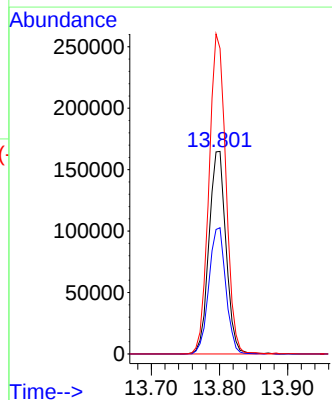
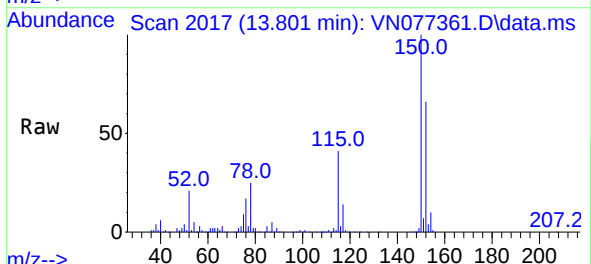
Instrument :
MSVOA_N
ClientSampleId :
IBLK

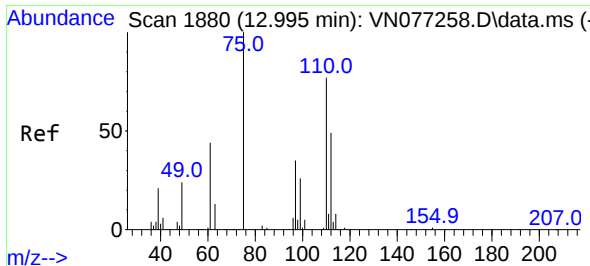
Tgt Ion:173 Resp: 994
Ion Ratio Lower Upper
173 100
175 1504.2 24.1 72.4#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion:152 Resp: 286924
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 156.7 0.0 354.8

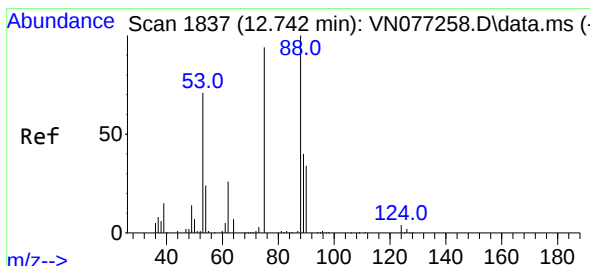
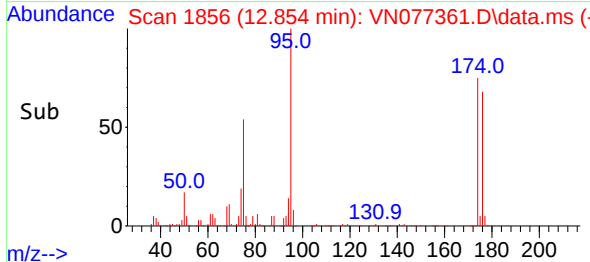
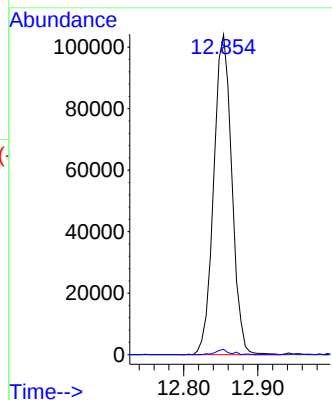
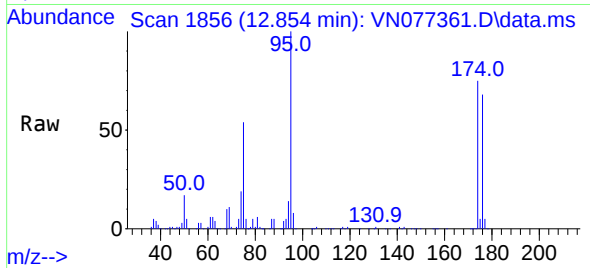




#76
1,2,3-Trichloropropane
Concen: 25.843 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 176568
Ion Ratio Lower Upper
75 100
77 1.3 88.3 264.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.154 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077361.D
Acq: 17 Apr 2023 16:56

Tgt Ion: 75 Resp: 176568
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 37.4 56.2#

