

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078956.D
 Acq On : 18 Aug 2023 20:49
 Operator : JC\MD
 Sample : 04042-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-376

Quant Time: Aug 18 23:49:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

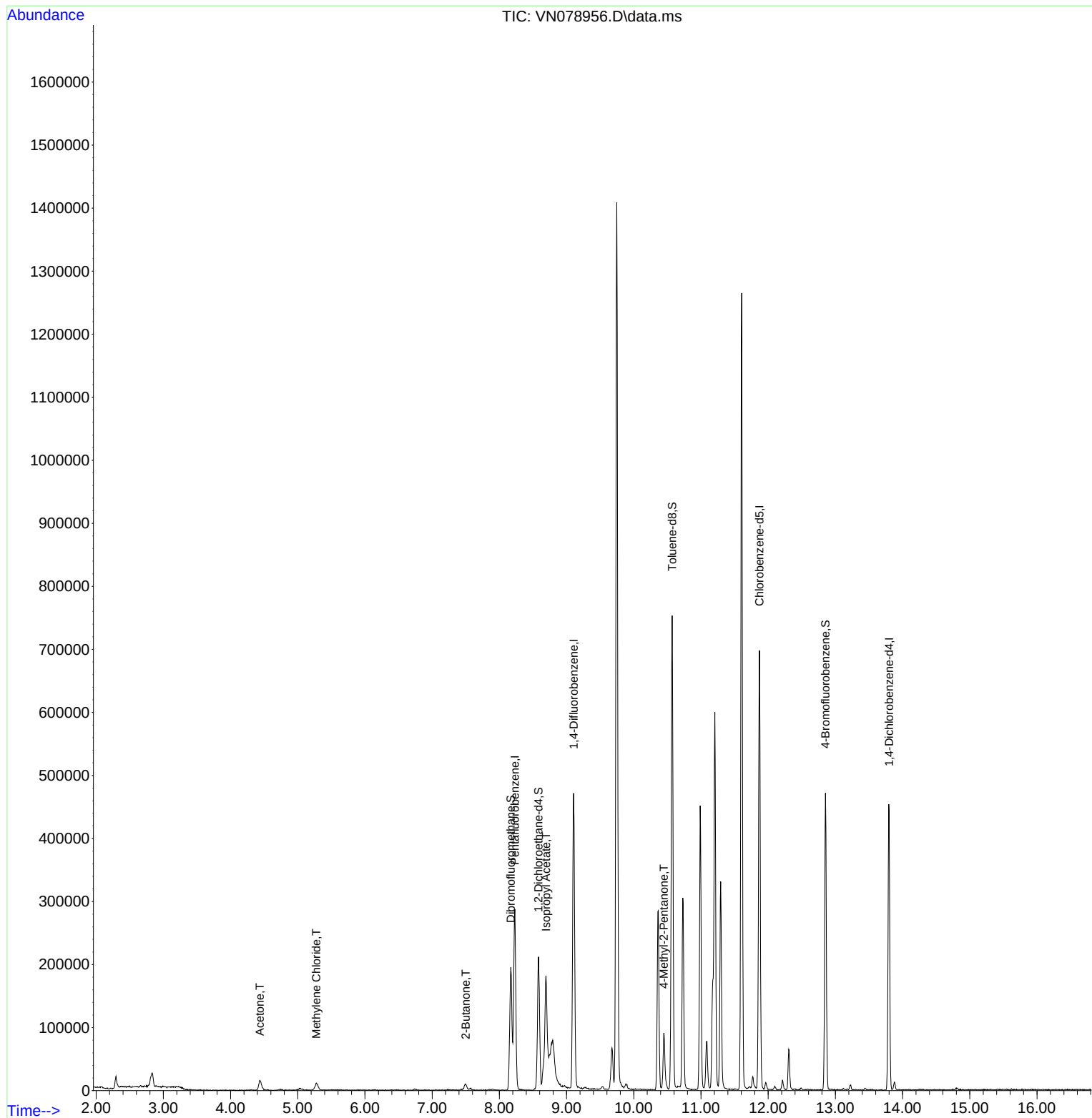
Internal Standards						
1) Pentafluorobenzene	8.230	168	202889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	396544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	384310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	119305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163536	51.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	8.171	113	134487	50.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	10.571	98	492761	49.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	12.853	95	149602	46.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.360%			
Target Compounds						
16) Acetone	4.436	43	31188	23.941	ug/l #	84
20) Methylene Chloride	5.277	84	8648	3.115	ug/l #	81
25) 2-Butanone	7.500	43	18073	8.653	ug/l #	74
43) Isopropyl Acetate	8.694	43	236529	29.787	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	69181	14.689	ug/l #	79

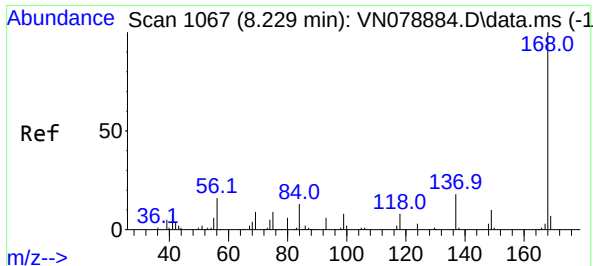
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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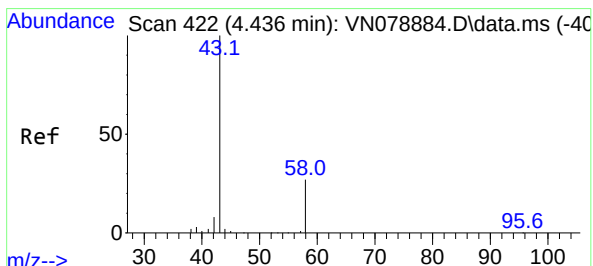
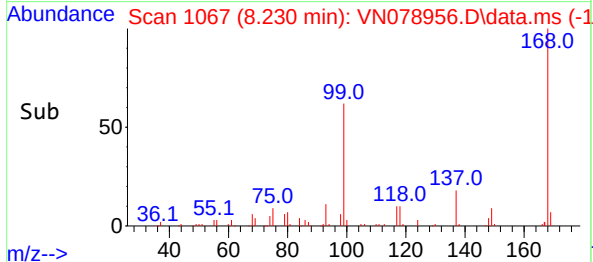
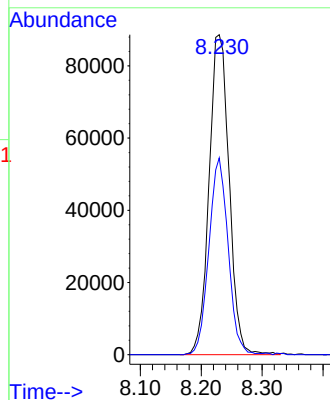
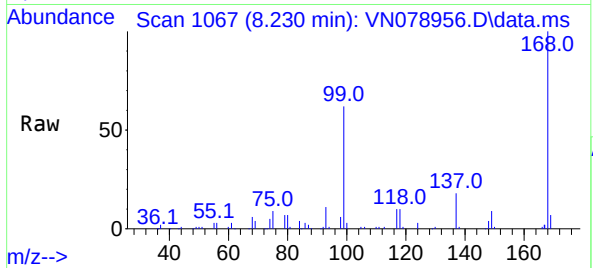




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

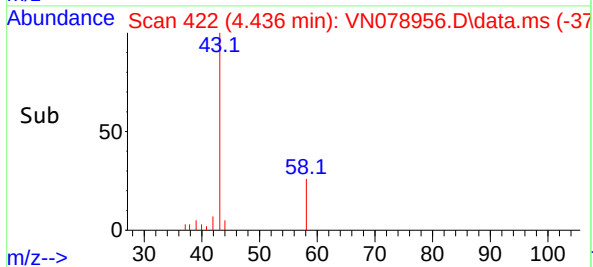
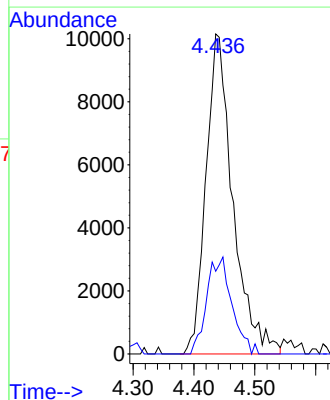
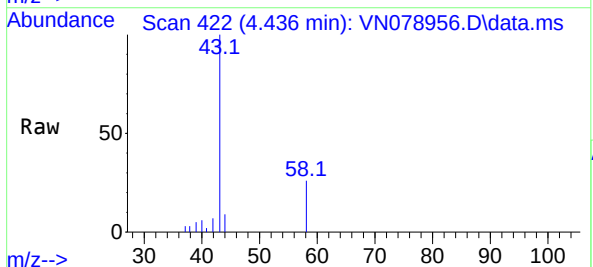
Instrument :
MSVOA_N
ClientSampleId :
TP-376

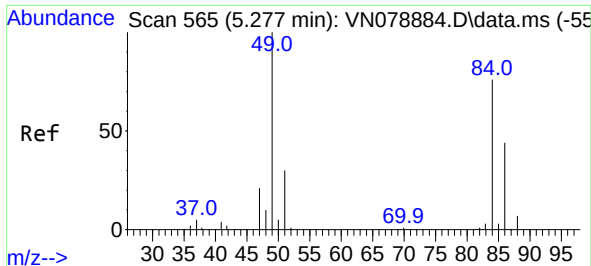
Tgt Ion:168 Resp: 202889
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#16
Acetone
Concen: 23.941 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 43 Resp: 31188
Ion Ratio Lower Upper
43 100
58 25.9 28.0 42.0#



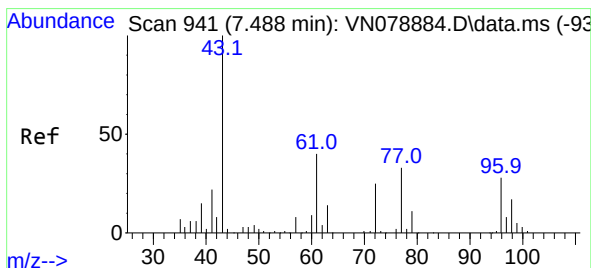
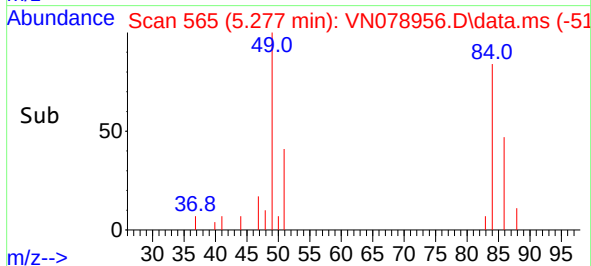
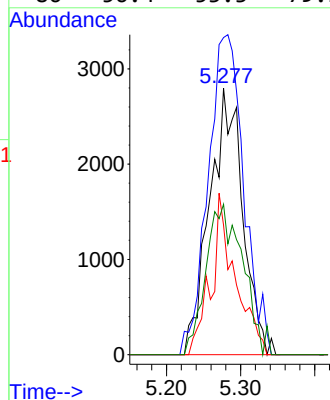
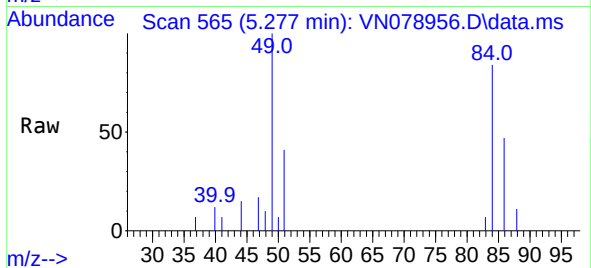


#20
Methylene Chloride
Concen: 3.115 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-376

Tgt Ion: 84 Resp: 8648

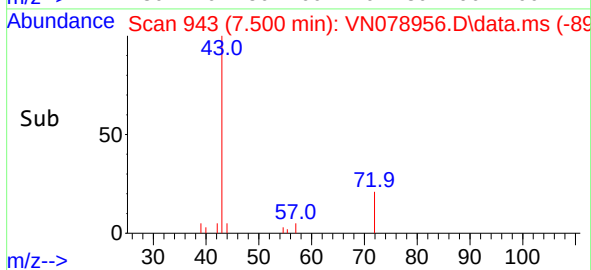
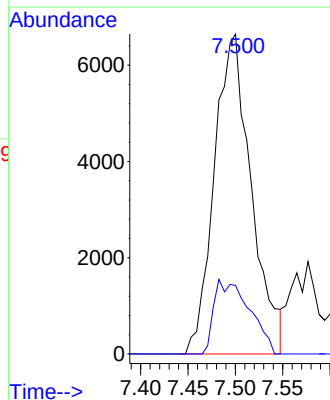
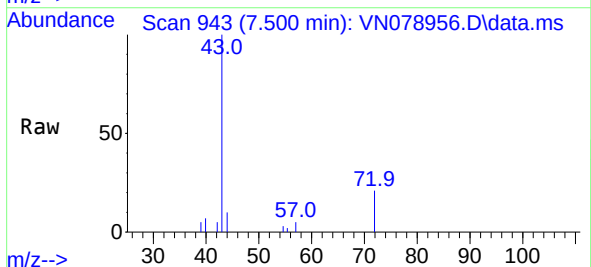
Ion	Ratio	Lower	Upper
84	100		
49	118.9	79.7	119.5
51	48.5	25.2	37.8#
86	56.4	53.3	79.9

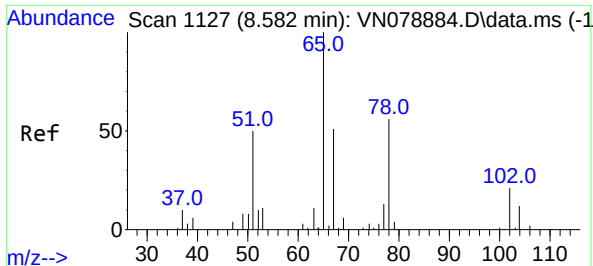


#25
2-Butanone
Concen: 8.653 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 43 Resp: 18073

Ion	Ratio	Lower	Upper
43	100		
72	22.2	30.2	45.2#

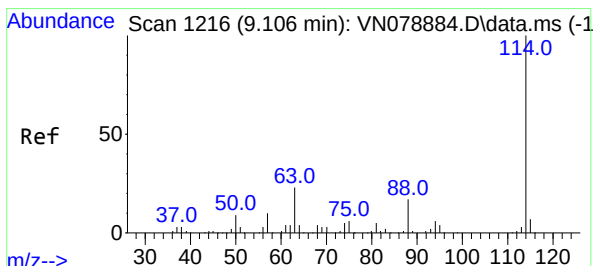
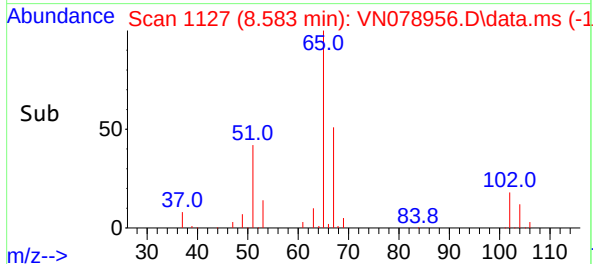
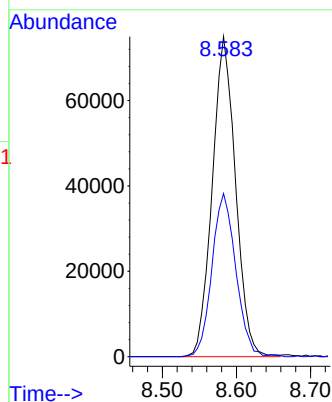
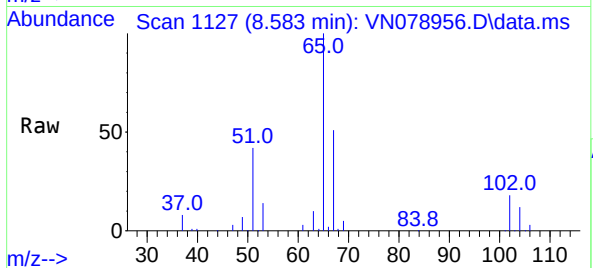




#33
1,2-Dichloroethane-d4
Concen: 51.799 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

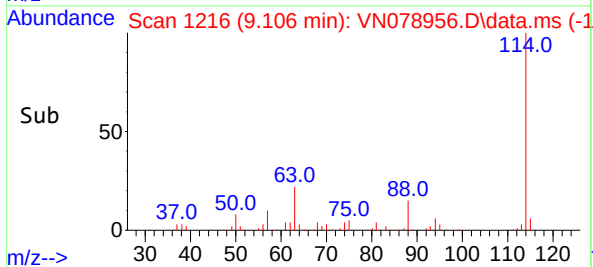
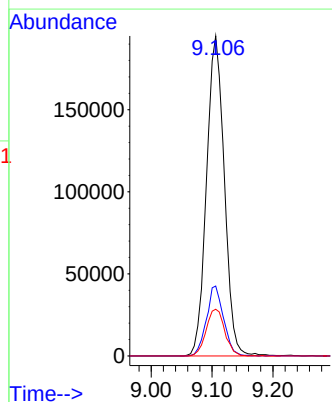
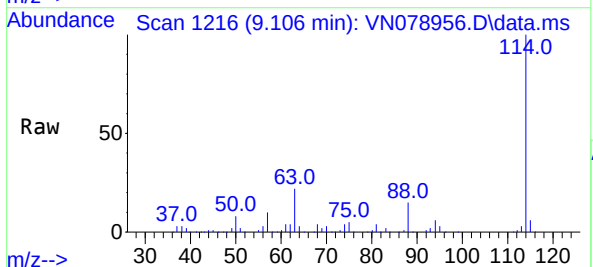
Instrument :
MSVOA_N
ClientSampleId :
TP-376

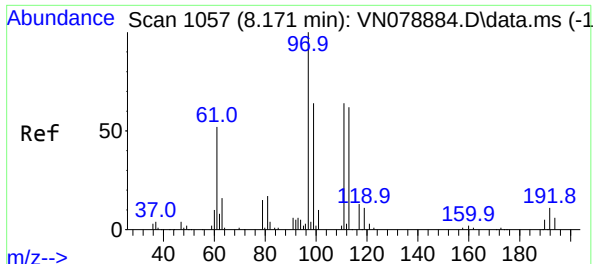
Tgt Ion: 65 Resp: 163536
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 114 Resp: 396544
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 14.6 0.0 30.6

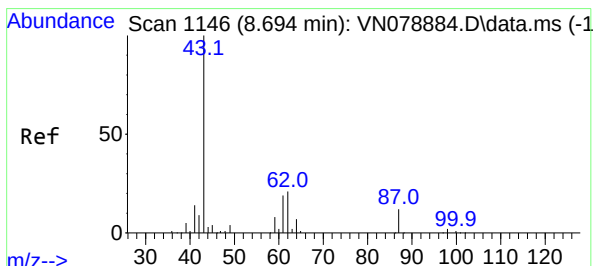
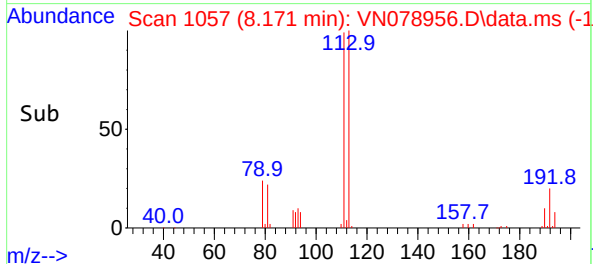
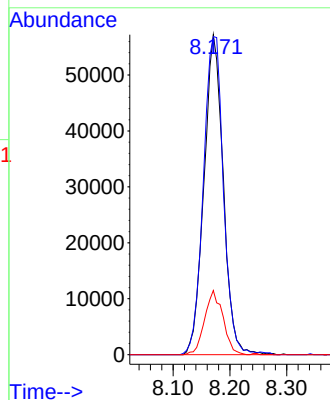
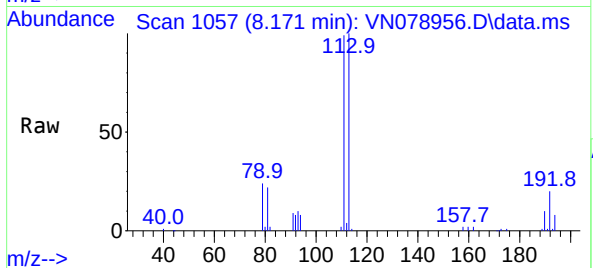




#35
Dibromofluoromethane
Concen: 50.382 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

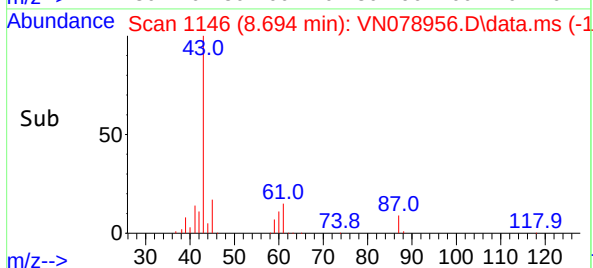
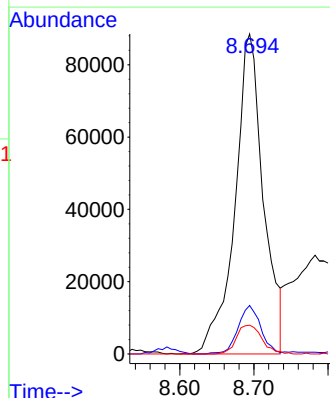
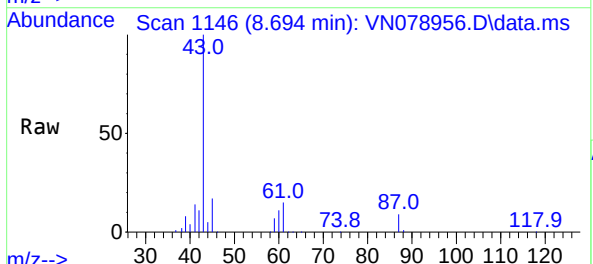
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ClientSampleId :
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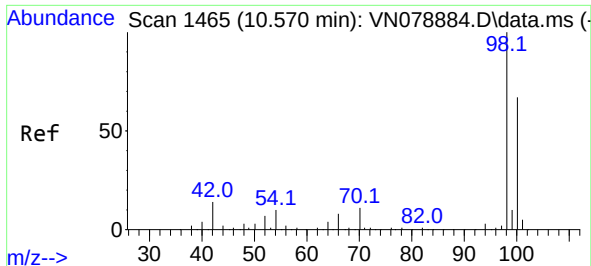
Tgt Ion:113 Resp: 134487
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.1 12.7 19.1#



#43
Isopropyl Acetate
Concen: 29.787 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 43 Resp: 236529
Ion Ratio Lower Upper
43 100
61 12.2 24.7 37.1#
87 8.0 14.6 21.8#

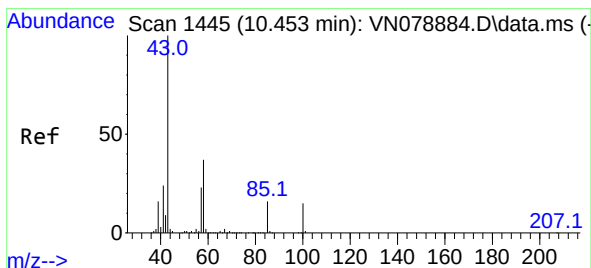
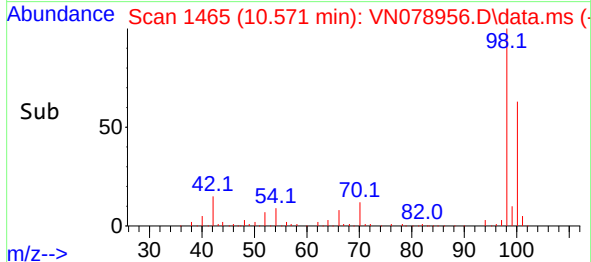
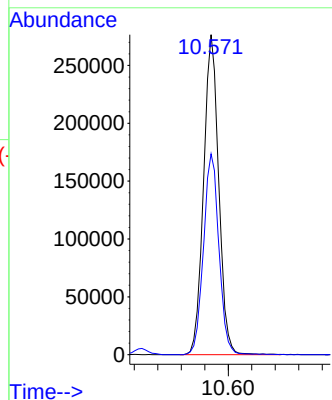
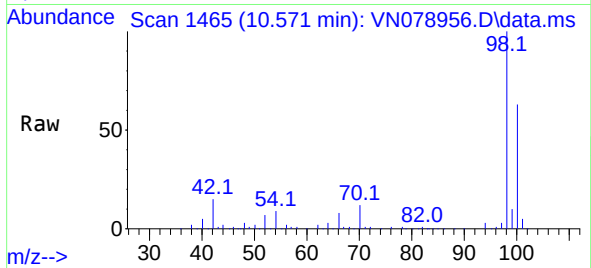




#50
Toluene-d8
Concen: 49.716 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

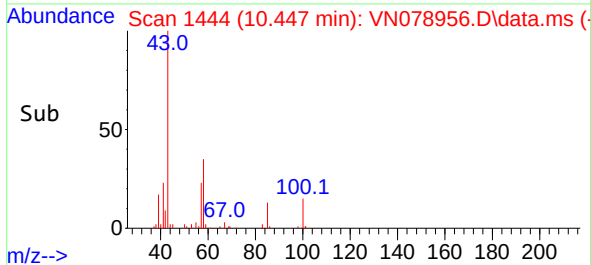
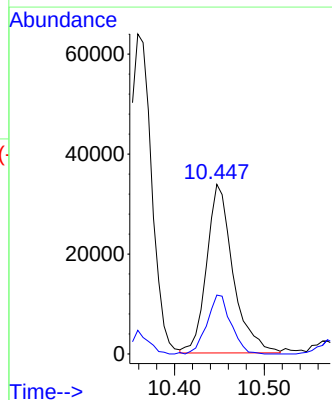
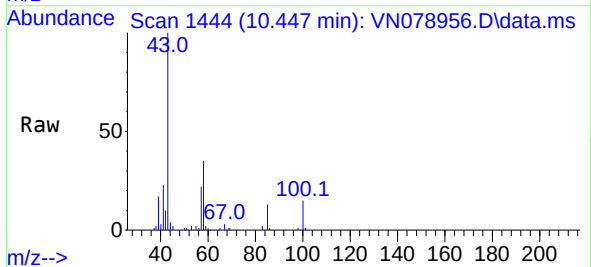
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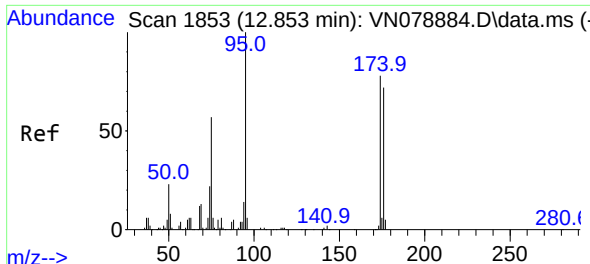
Tgt Ion: 98 Resp: 492761
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 14.689 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 43 Resp: 69181
Ion Ratio Lower Upper
43 100
58 31.6 36.6 54.8#

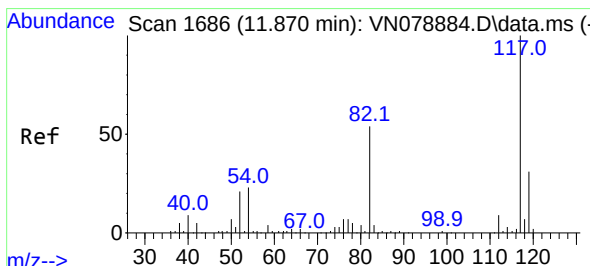
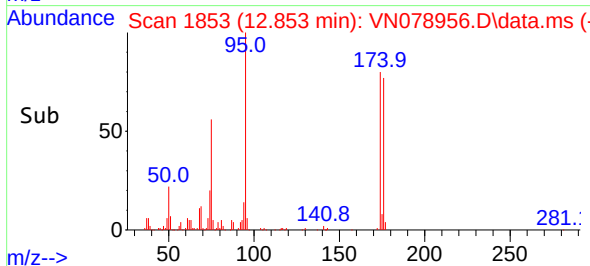
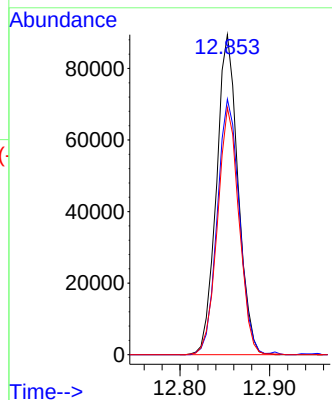
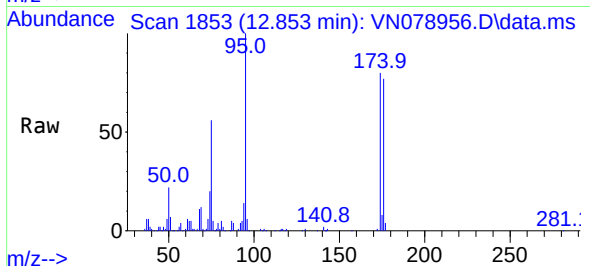




#62
4-Bromofluorobenzene
Concen: 46.178 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

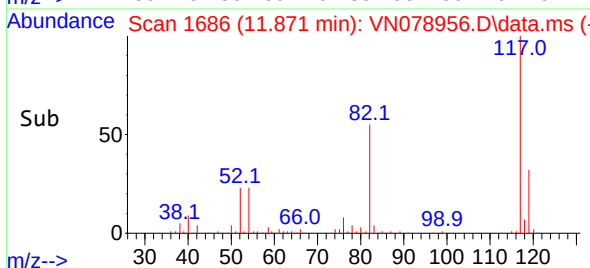
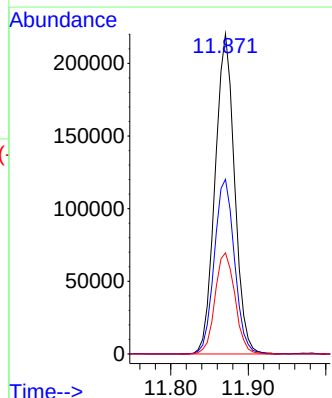
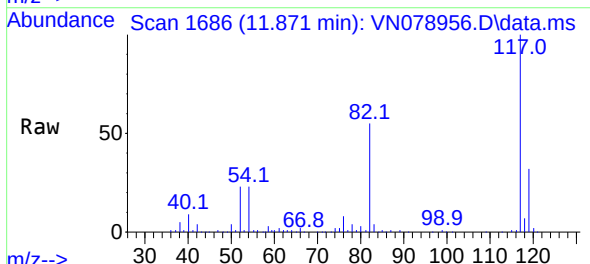
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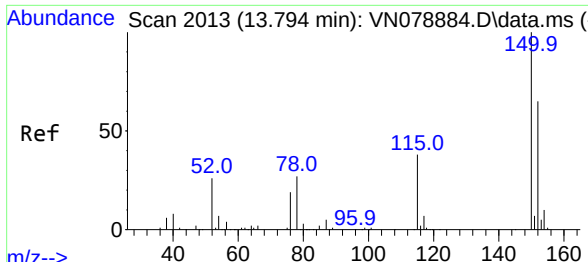
Tgt Ion: 95 Resp: 149602
Ion Ratio Lower Upper
95 100
174 81.8 0.0 143.8
176 76.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Tgt Ion: 117 Resp: 384310
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.6 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078956.D
Acq: 18 Aug 2023 20:49

Instrument :
MSVOA_N
ClientSampleId :
TP-376

Tgt Ion:152 Resp: 119305
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 155.9 0.0 355.8

