

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078976.D
 Acq On : 21 Aug 2023 15:44
 Operator : JC\MD
 Sample : 04082-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 217

Quant Time: Aug 22 00:58:20 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)

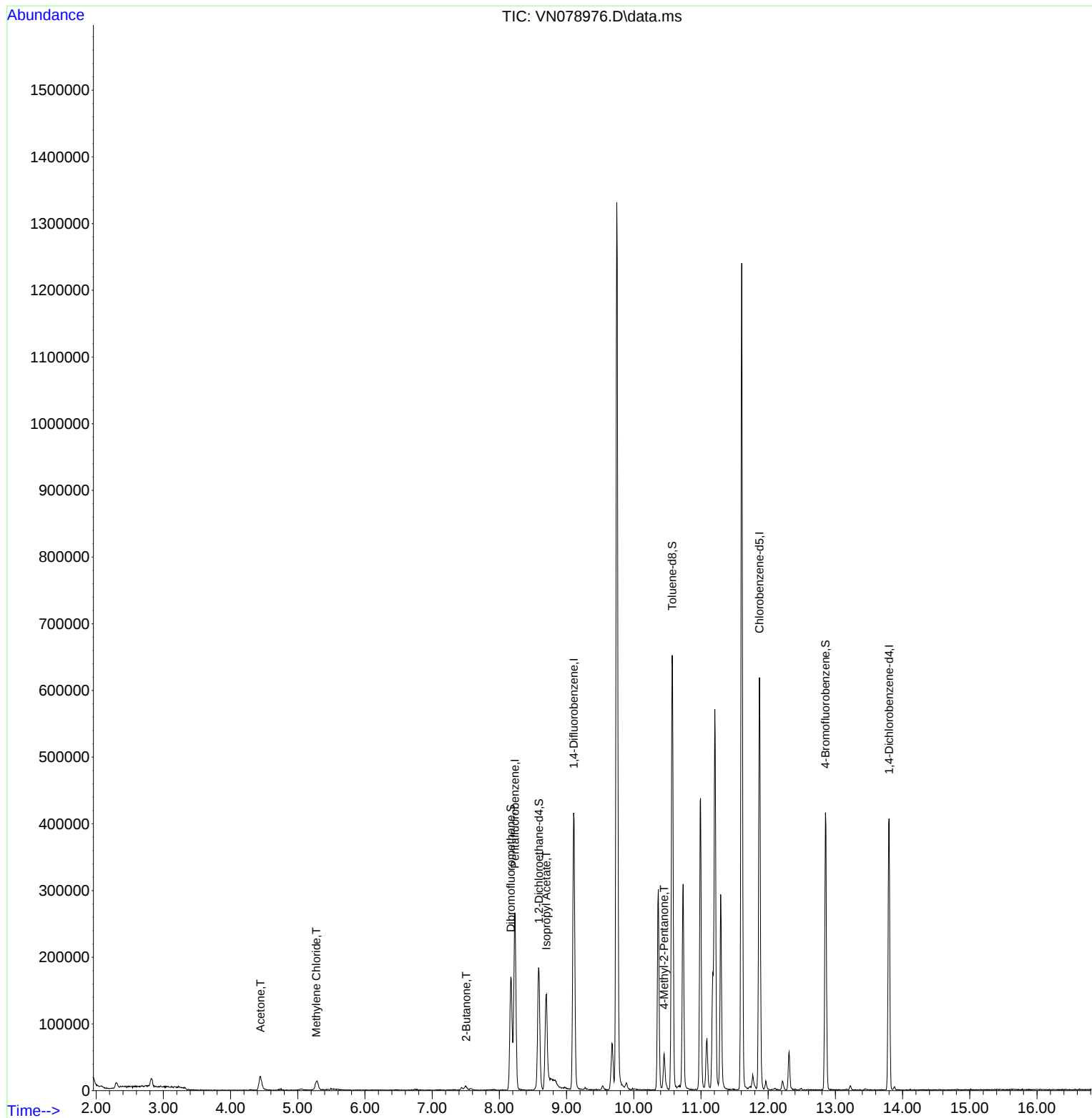
Internal Standards						
1) Pentafluorobenzene	8.230	168	189105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	345953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	108004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	147171	50.013	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.020%	
35) Dibromofluoromethane	8.171	113	122288	51.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	10.571	98	443353	50.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.853	95	135003	46.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	39365	32.421	ug/l #	82
20) Methylene Chloride	5.277	84	10467	4.045	ug/l #	78
25) 2-Butanone	7.506	43	10937	5.618	ug/l #	66
43) Isopropyl Acetate	8.700	43	184175	26.105	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	41973	10.031	ug/l #	77

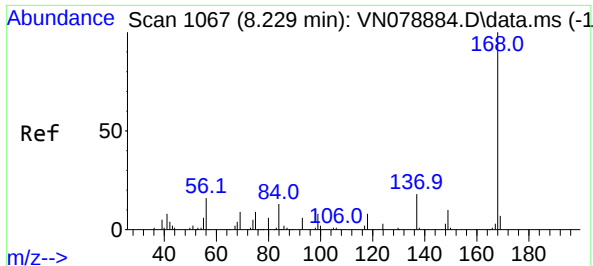
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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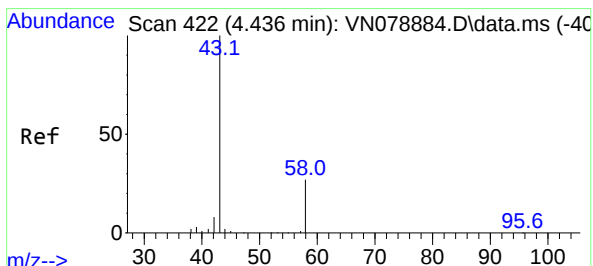
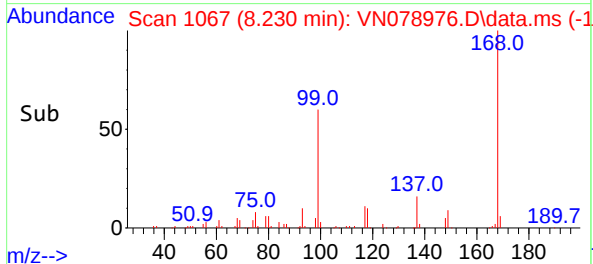
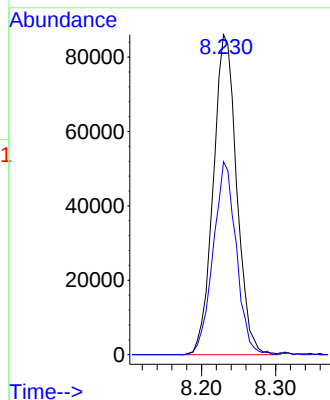
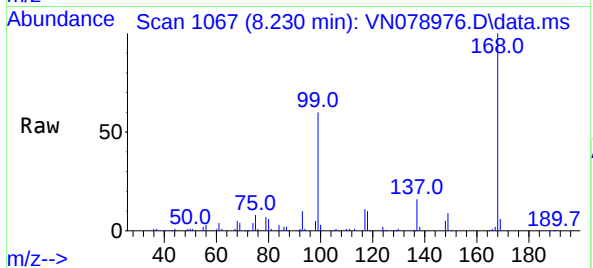




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

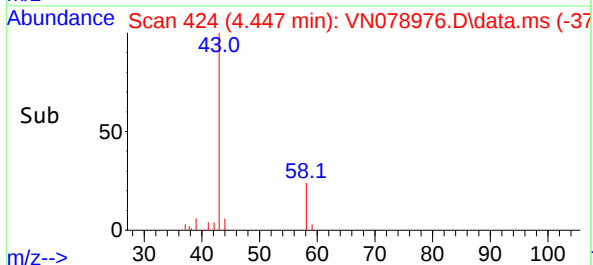
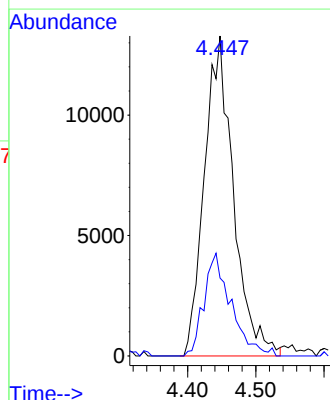
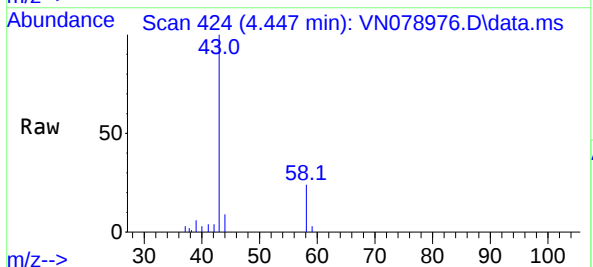
Instrument :
MSVOA_N
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217

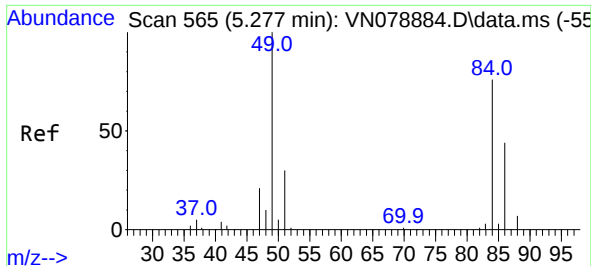
Tgt Ion:168 Resp: 189105
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#16
Acetone
Concen: 32.421 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

Tgt Ion: 43 Resp: 39365
Ion Ratio Lower Upper
43 100
58 24.4 28.0 42.0#

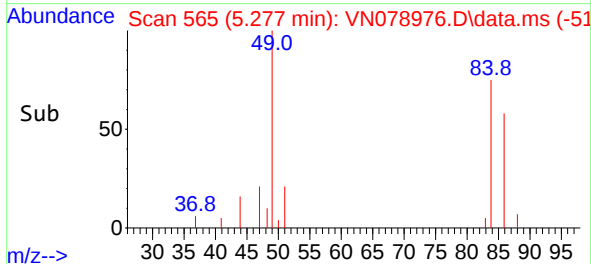
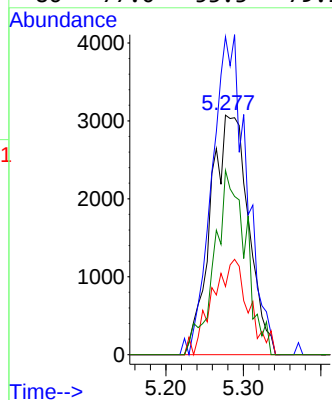
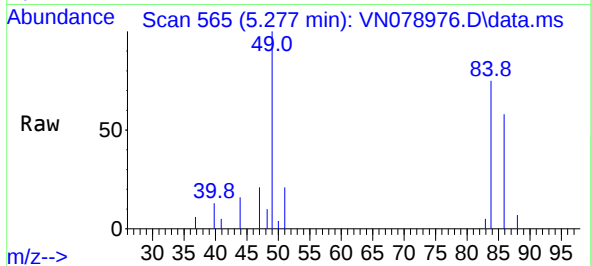




#20
Methylene Chloride
Concen: 4.045 ug/l
RT: 5.277 min Scan# 517
Delta R.T. -0.006 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

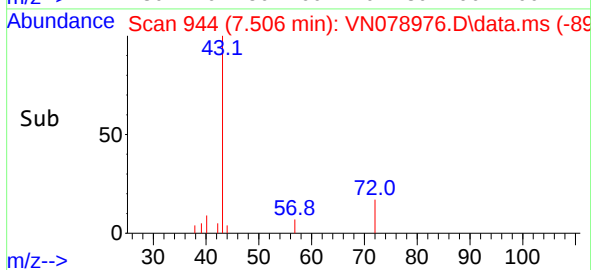
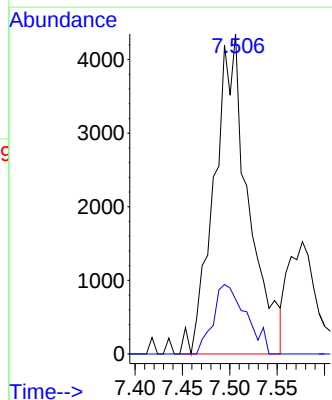
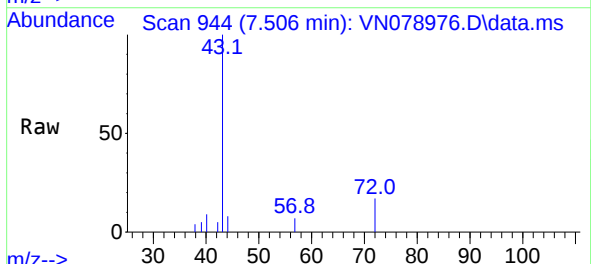
Instrument :
MSVOA_N
ClientSampleId :
217

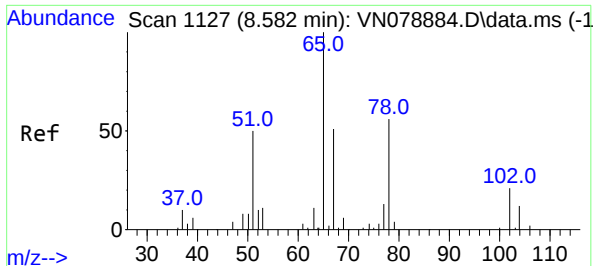
Tgt Ion:	84	Resp:	10467
Ion	Ratio	Lower	Upper
84	100		
49	132.7	79.7	119.5#
51	28.4	25.2	37.8
86	77.0	53.3	79.9



#25
2-Butanone
Concen: 5.618 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

Tgt Ion:	43	Resp:	10937
Ion	Ratio	Lower	Upper
43	100		
72	17.1	30.2	45.2#

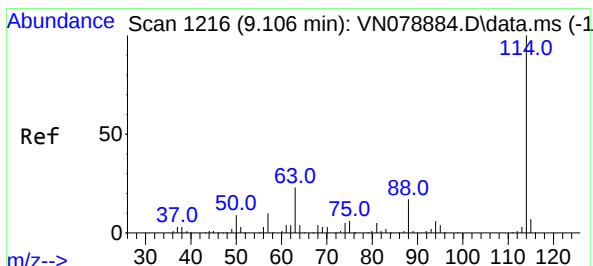
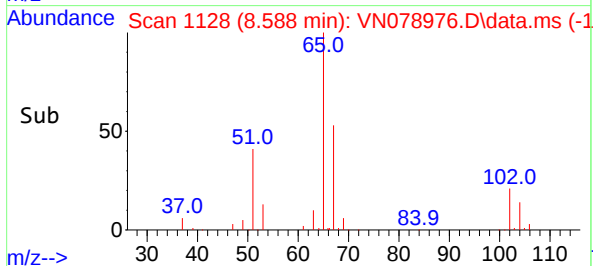
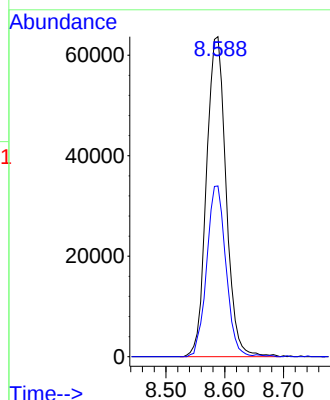
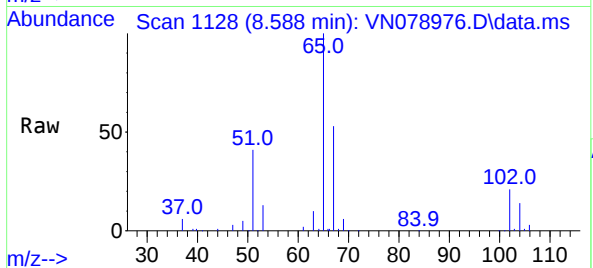




#33
1,2-Dichloroethane-d4
Concen: 50.013 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

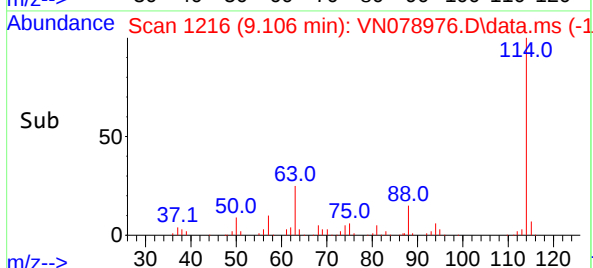
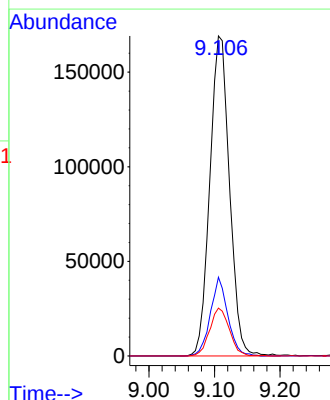
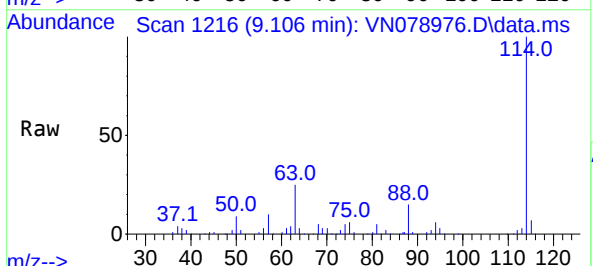
Instrument :
MSVOA_N
ClientSampleId :
217

Tgt Ion: 65 Resp: 147171
Ion Ratio Lower Upper
65 100
67 52.2 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: VN078976.D
Acq: 21 Aug 2023 15:44

Tgt Ion: 114 Resp: 352327
Ion Ratio Lower Upper
114 100
63 24.6 0.0 36.4
88 15.0 0.0 30.6

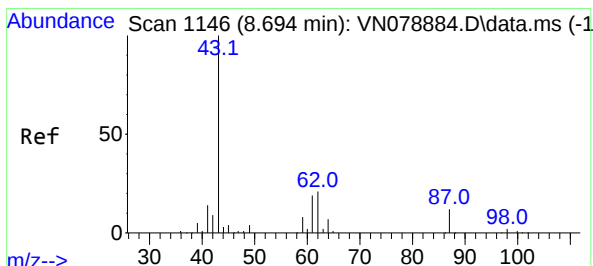
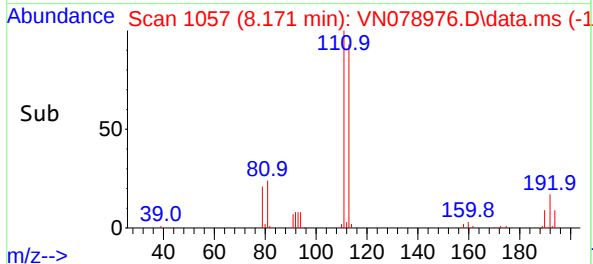
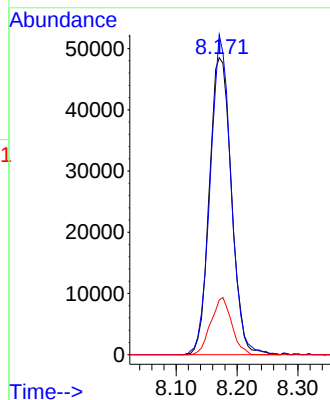
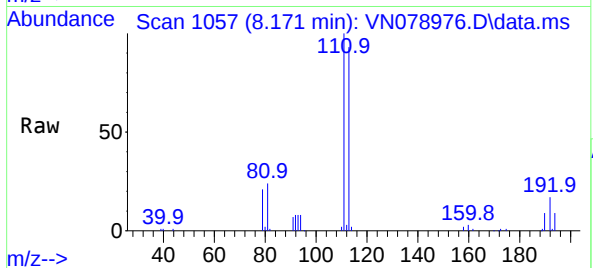




#35
Dibromofluoromethane
Concen: 51.562 ug/l
RT: 8.171 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

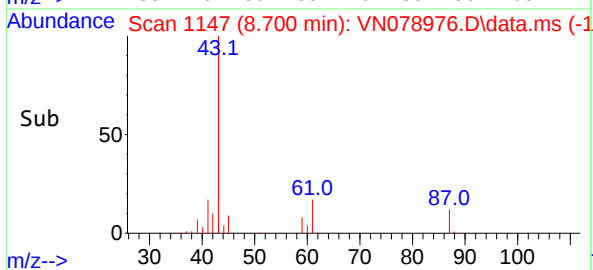
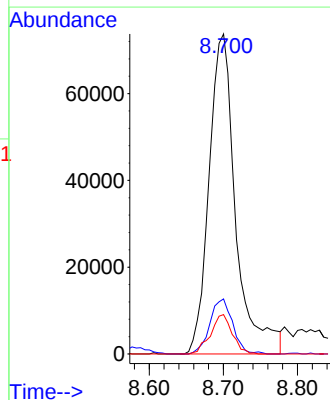
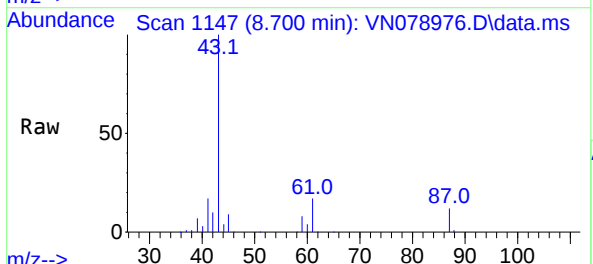
Instrument :
MSVOA_N
ClientSampleId :
217

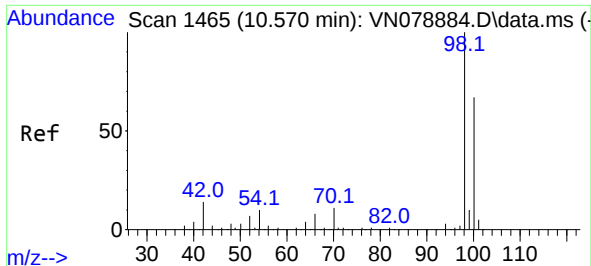
Tgt Ion:113 Resp: 122288
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 18.1 12.7 19.1



#43
Isopropyl Acetate
Concen: 26.105 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

Tgt Ion: 43 Resp: 184175
Ion Ratio Lower Upper
43 100
61 14.7 24.7 37.1#
87 10.0 14.6 21.8#

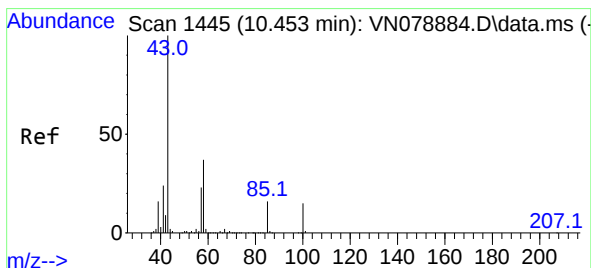
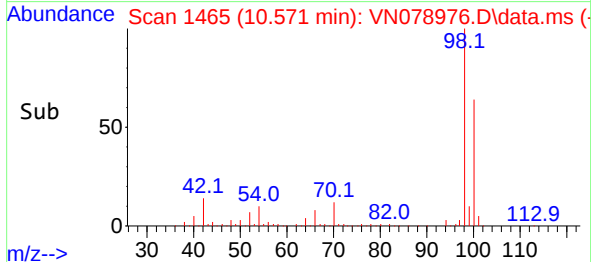
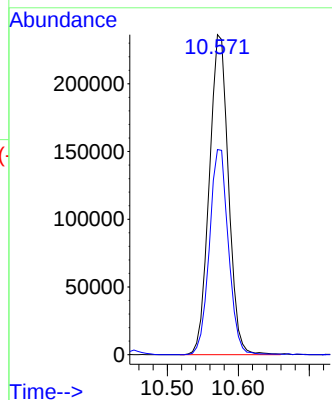
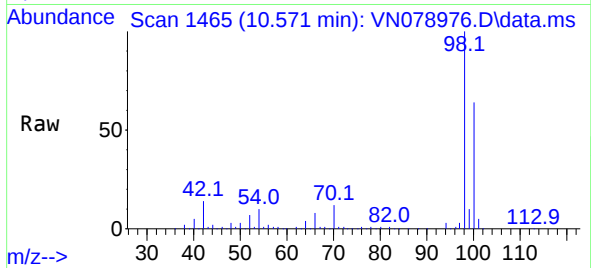




#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

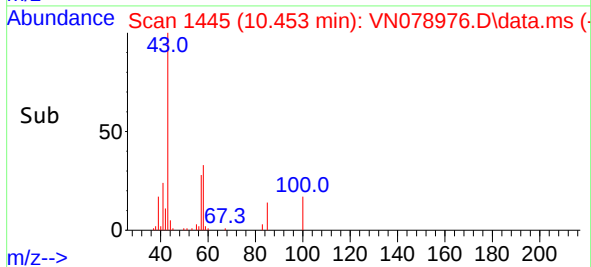
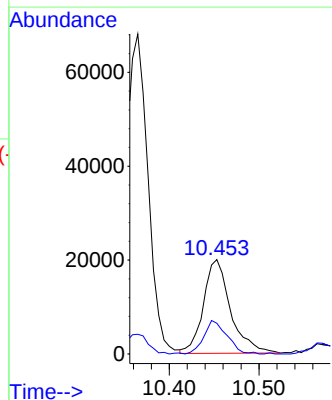
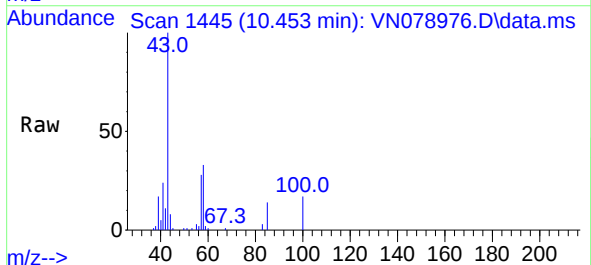
Instrument :
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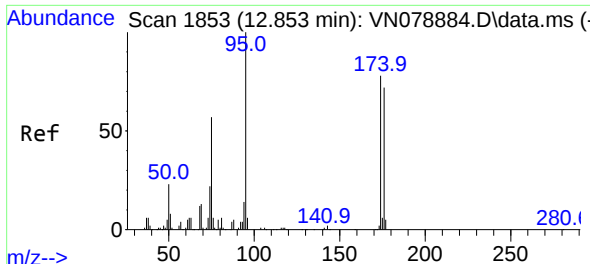
Tgt Ion: 98 Resp: 443353
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.031 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

Tgt Ion: 43 Resp: 41973
Ion Ratio Lower Upper
43 100
58 30.4 36.6 54.8#

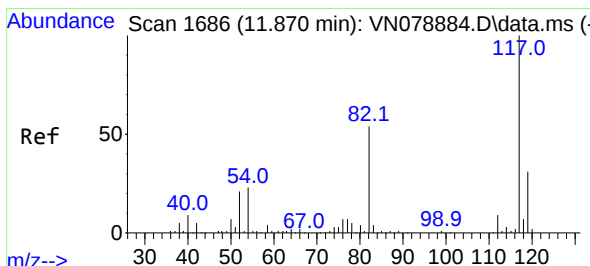
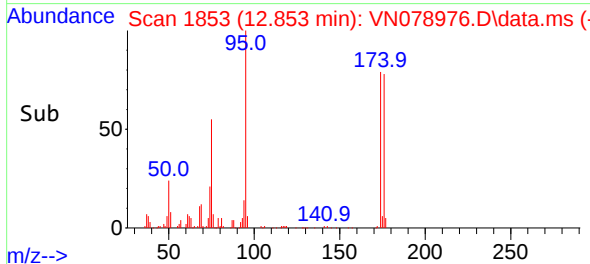
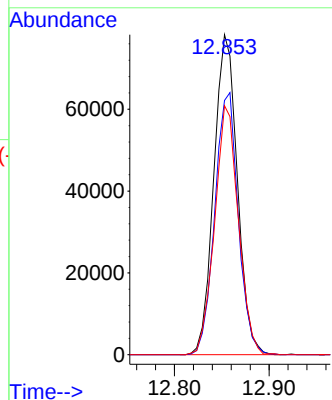
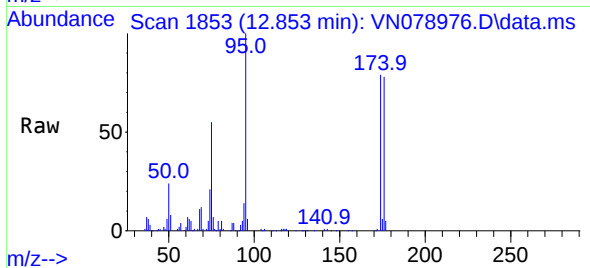




#62
4-Bromofluorobenzene
Concen: 46.902 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

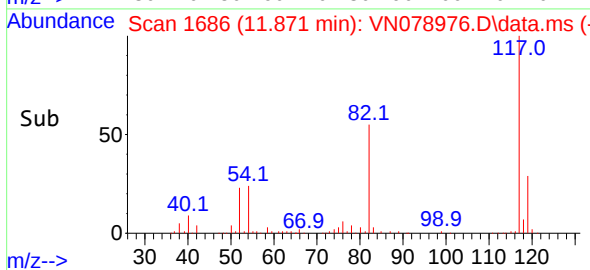
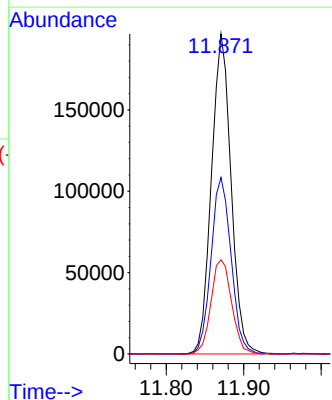
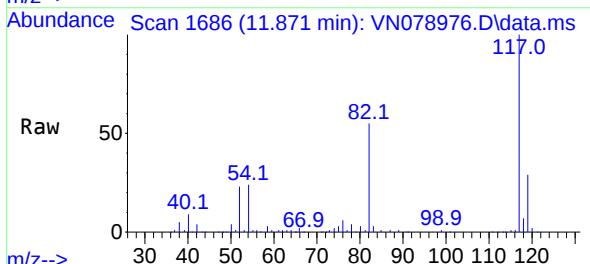
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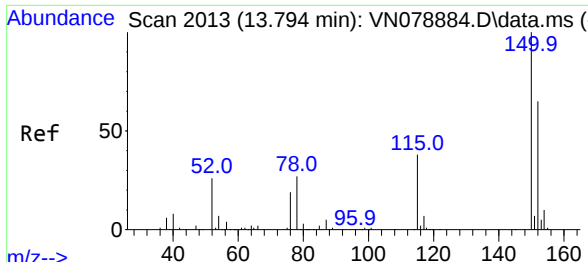
Tgt Ion: 95 Resp: 135003
Ion Ratio Lower Upper
95 100
174 81.8 0.0 143.8
176 78.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

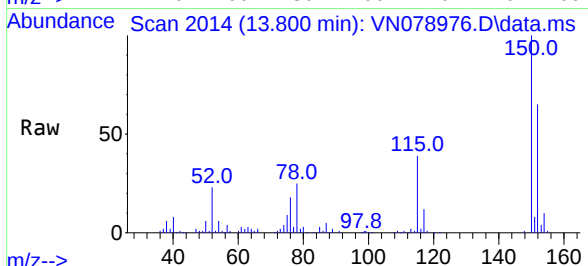
Tgt Ion: 117 Resp: 345953
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 29.4 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN078976.D
Acq: 21 Aug 2023 15:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 108004
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 158.1 0.0 355.8

