

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079093.D
 Acq On : 29 Aug 2023 14:53
 Operator : JC\MD
 Sample : PB155153ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#02

Quant Time: Aug 29 23:30:01 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)

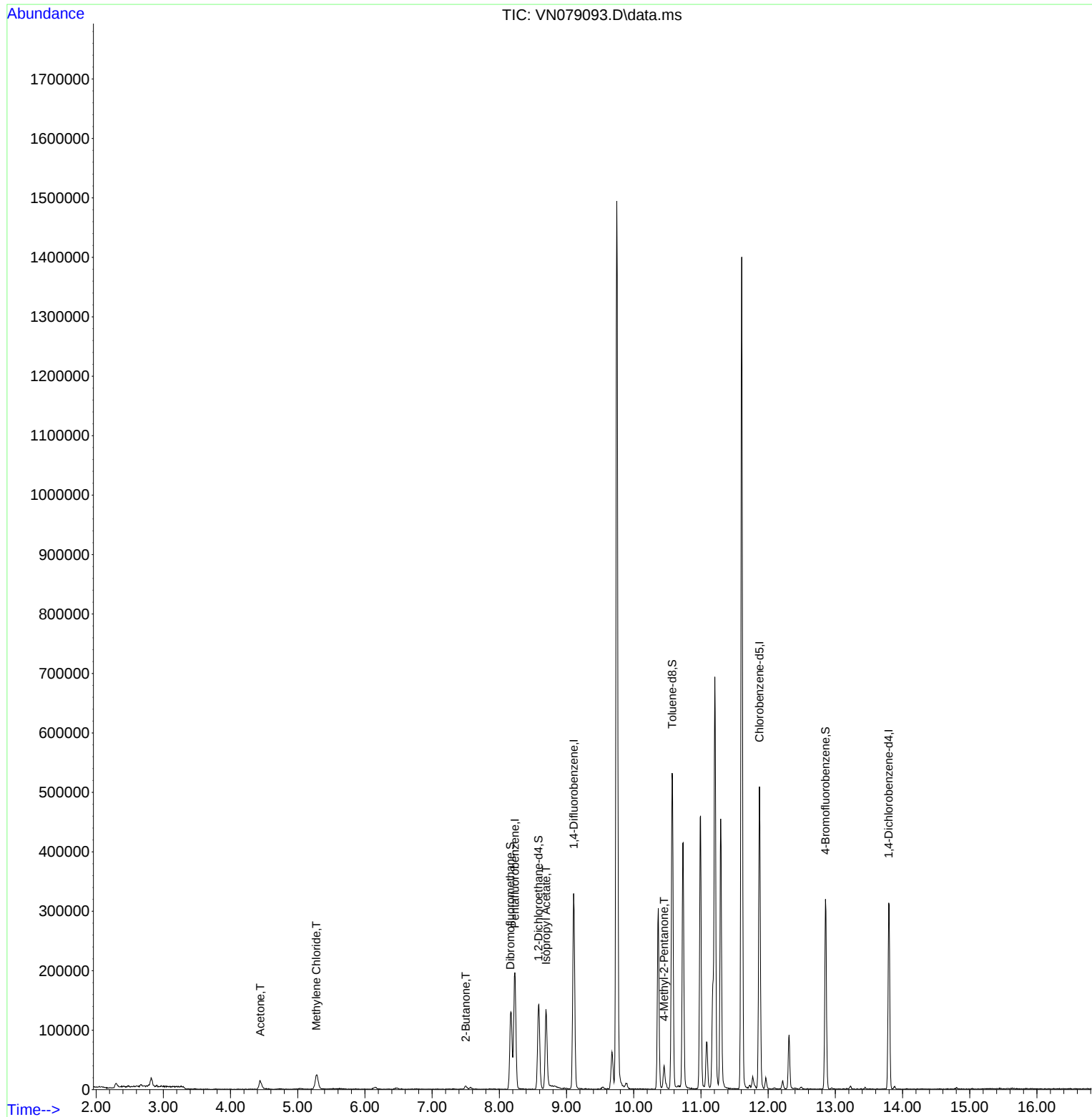
Internal Standards						
1) Pentafluorobenzene	8.230	168	140064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118622	54.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.860%	
35) Dibromofluoromethane	8.165	113	96174	52.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.571	98	360474	53.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.853	95	106768	48.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	25919	28.821	ug/l	94
20) Methylene Chloride	5.277	84	17964	9.373	ug/l #	86
25) 2-Butanone	7.500	43	9155	6.350	ug/l #	65
43) Isopropyl Acetate	8.694	43	153478	28.298	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	31358	9.748	ug/l #	79

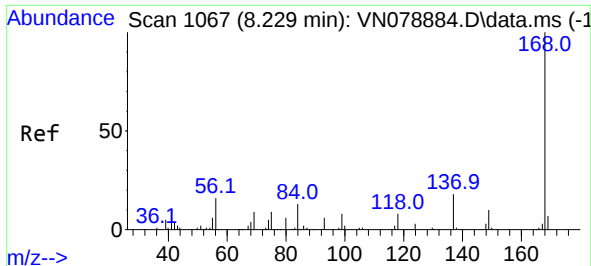
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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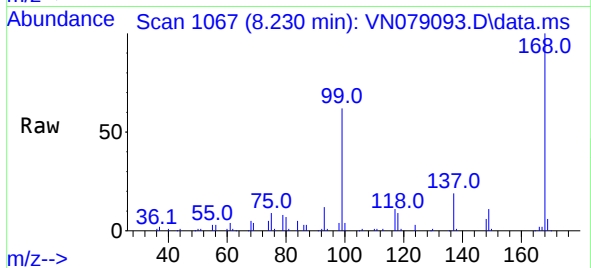
Quant Time: Aug 29 23:30:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



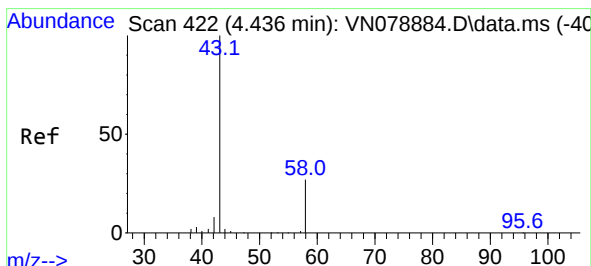
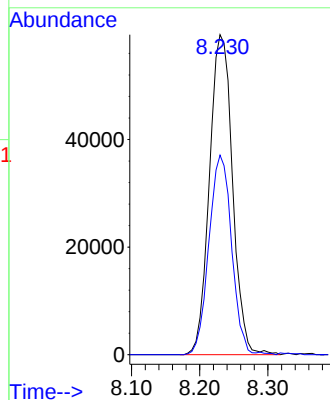
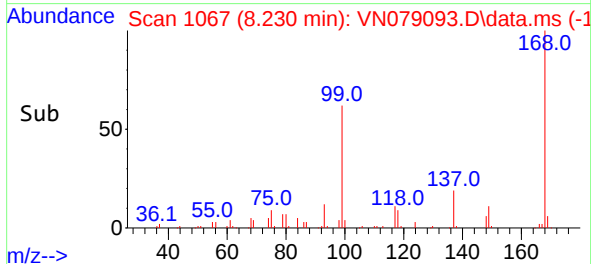


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

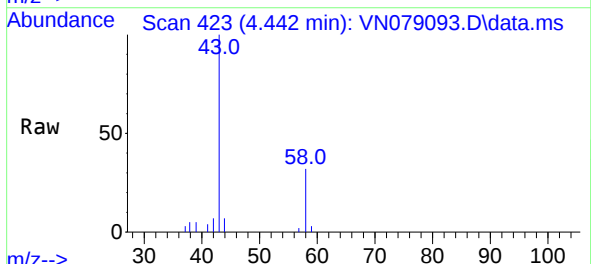
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#02



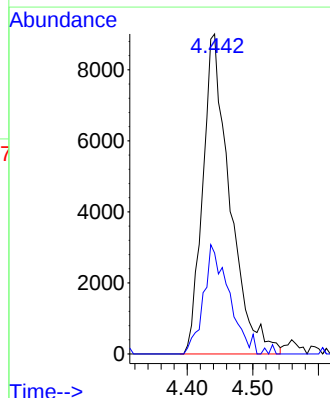
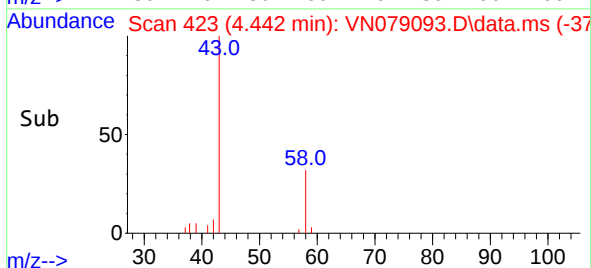
Tgt Ion:168 Resp: 140064
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6

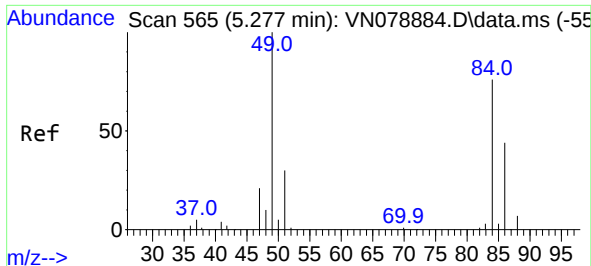


#16
Acetone
Concen: 28.821 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53



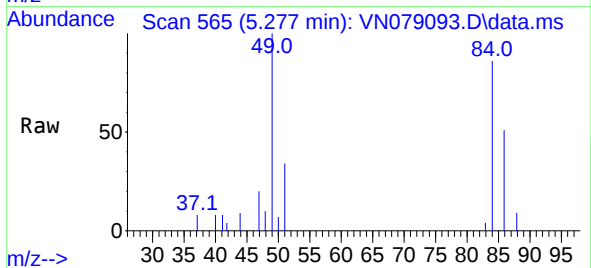
Tgt Ion: 43 Resp: 25919
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0



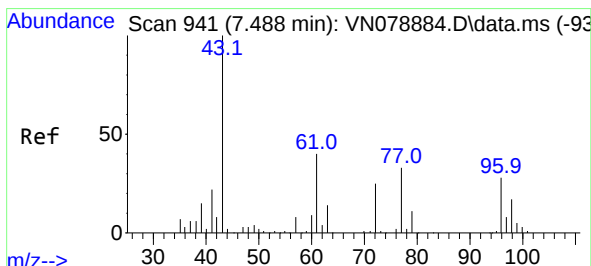
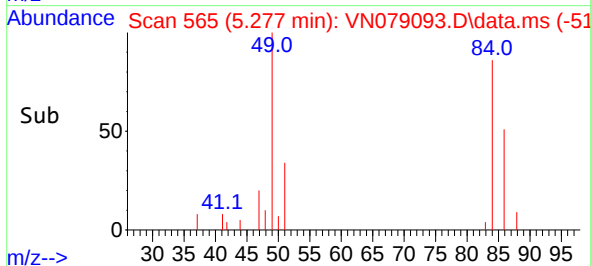
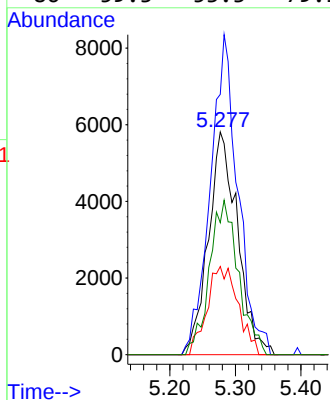


#20
Methylene Chloride
Concen: 9.373 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#02

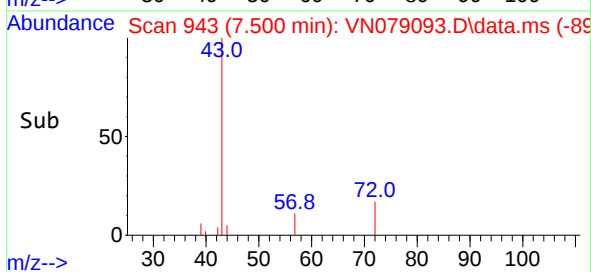
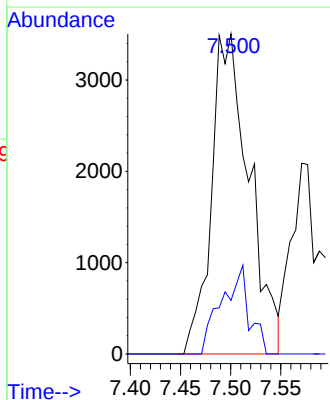
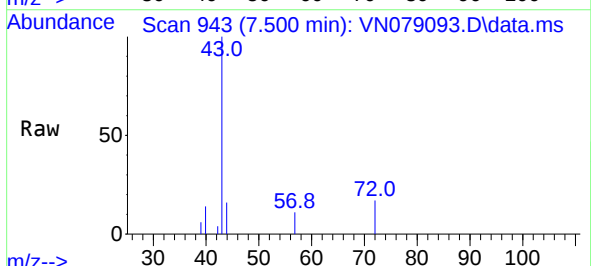


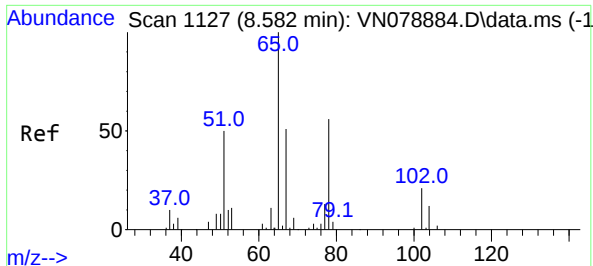
Tgt Ion:	84	Resp:	17964
Ion	Ratio	Lower	Upper
84	100		
49	116.9	79.7	119.5
51	39.6	25.2	37.8#
86	59.3	53.3	79.9



#25
2-Butanone
Concen: 6.350 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Tgt Ion:	43	Resp:	9155
Ion	Ratio	Lower	Upper
43	100		
72	16.8	30.2	45.2#

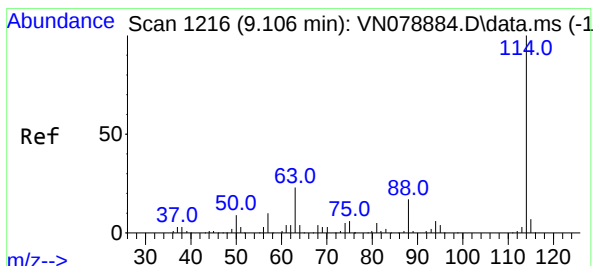
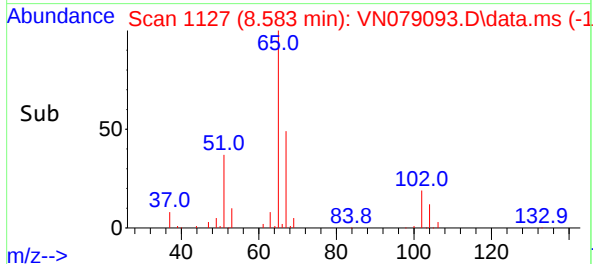
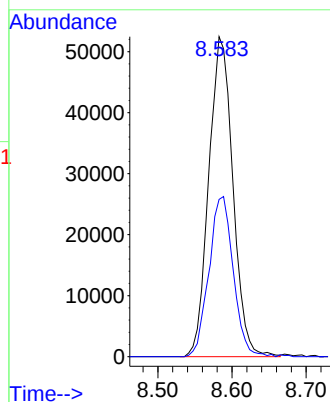
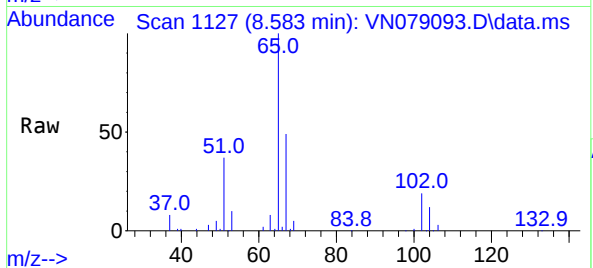




#33
1,2-Dichloroethane-d4
Concen: 54.426 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

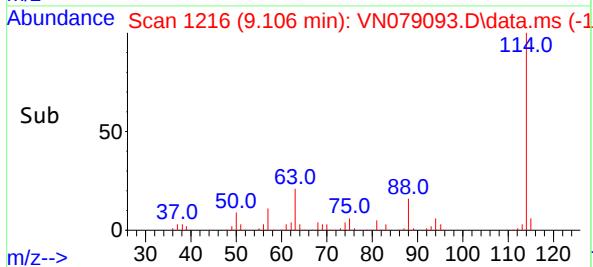
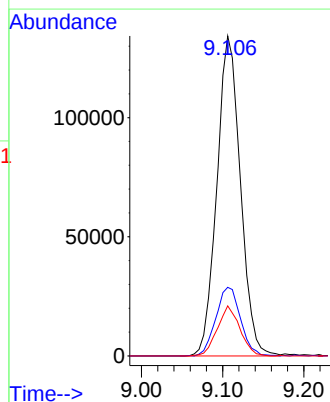
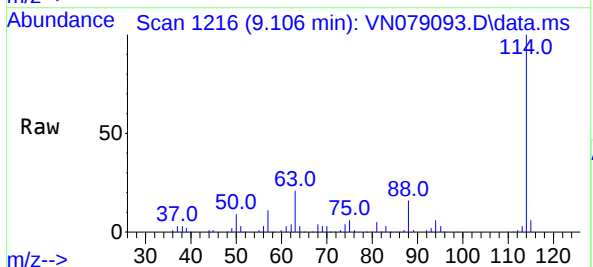
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#02

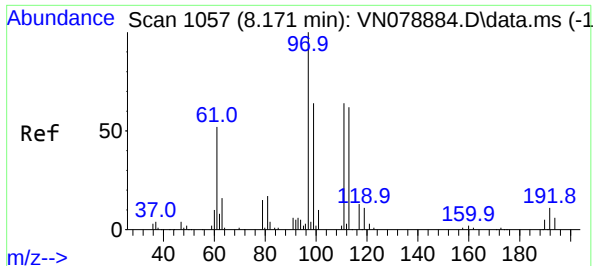
Tgt Ion: 65 Resp: 118622
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

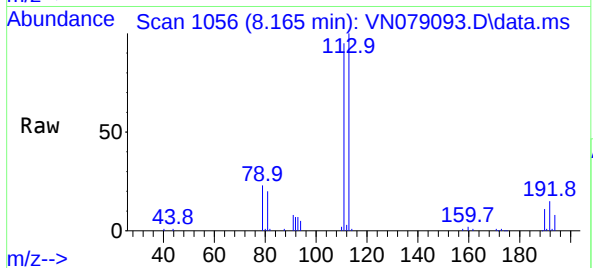
Tgt Ion: 114 Resp: 270851
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.7 0.0 30.6



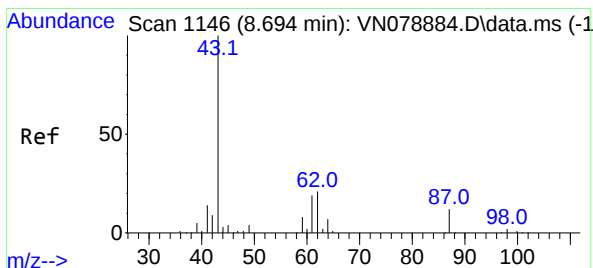
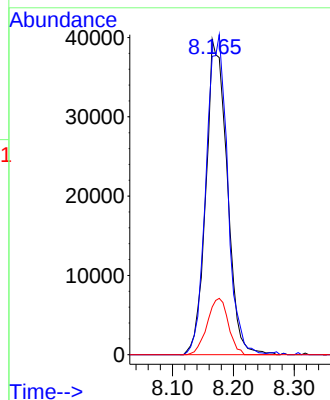
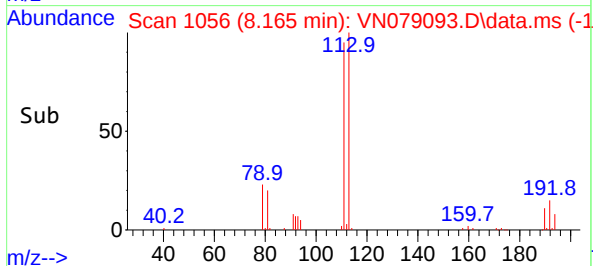


#35
Dibromofluoromethane
Concen: 52.749 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#02

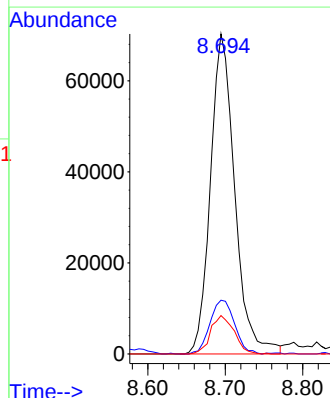
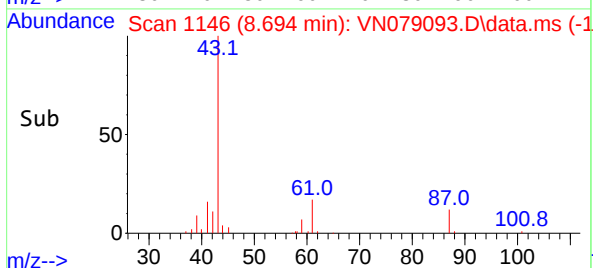
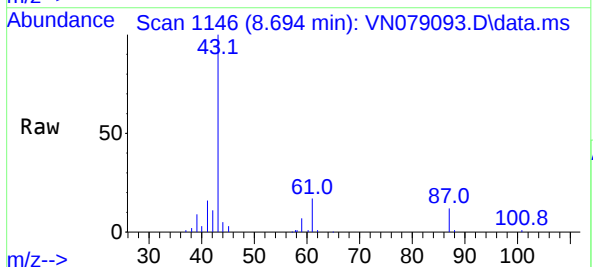


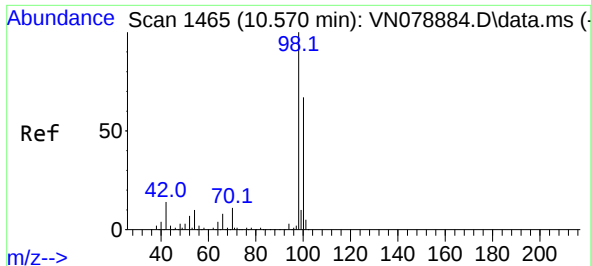
Tgt Ion:113 Resp: 96174
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.7 12.7 19.1



#43
Isopropyl Acetate
Concen: 28.298 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Tgt Ion: 43 Resp: 153478
Ion Ratio Lower Upper
43 100
61 17.0 24.7 37.1#
87 11.6 14.6 21.8#

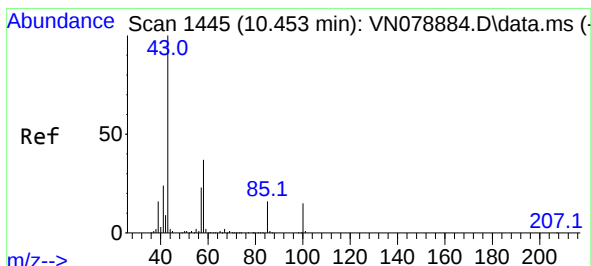
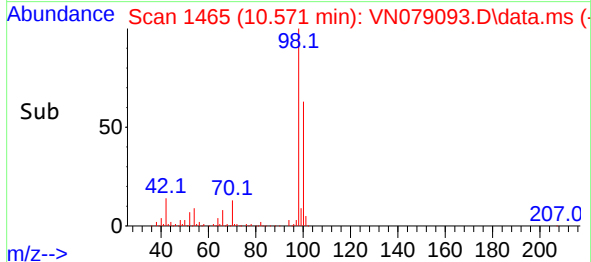
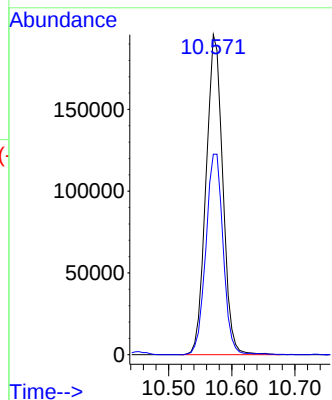
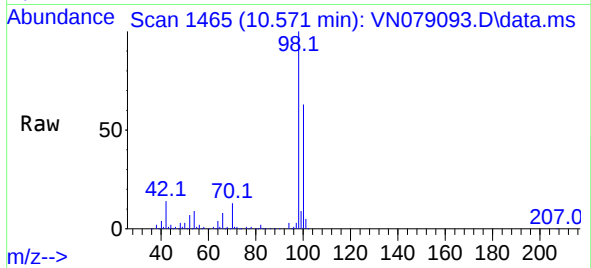




#50
Toluene-d8
Concen: 53.247 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

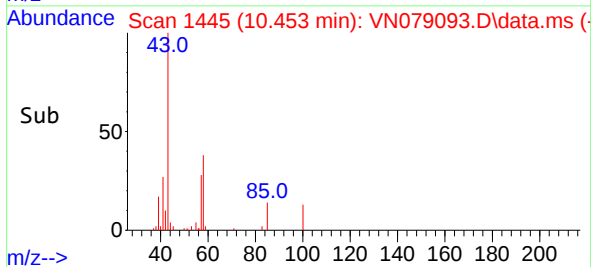
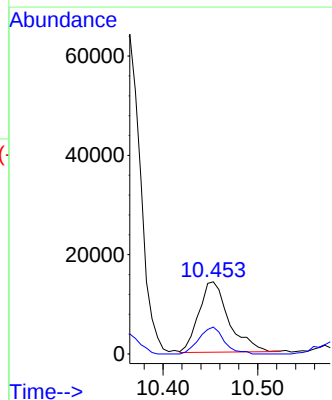
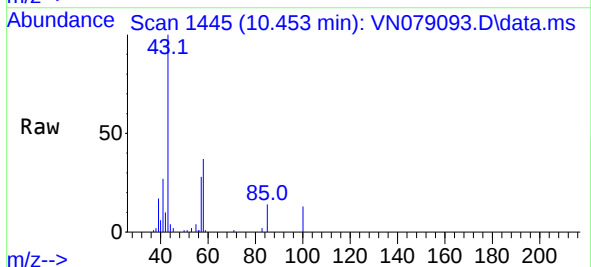
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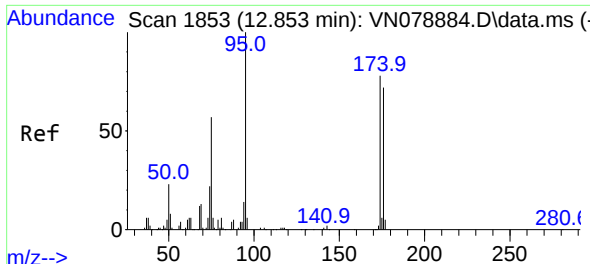
Tgt Ion: 98 Resp: 360474
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.748 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Tgt Ion: 43 Resp: 31358
Ion Ratio Lower Upper
43 100
58 31.8 36.6 54.8#

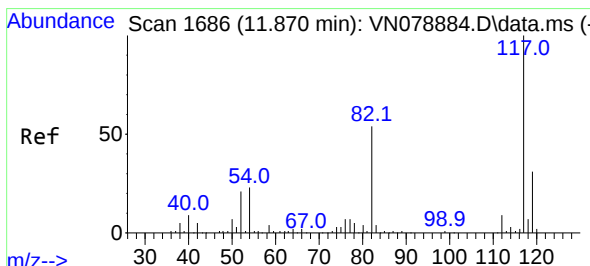
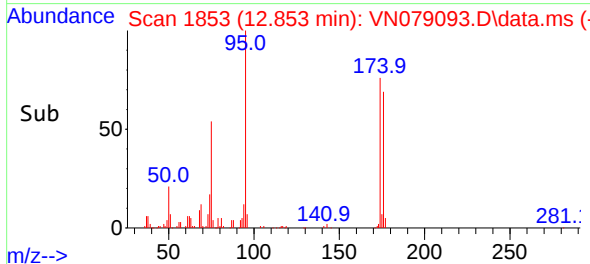
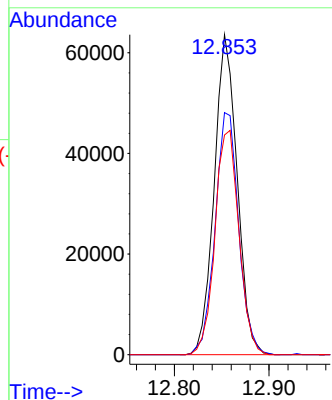
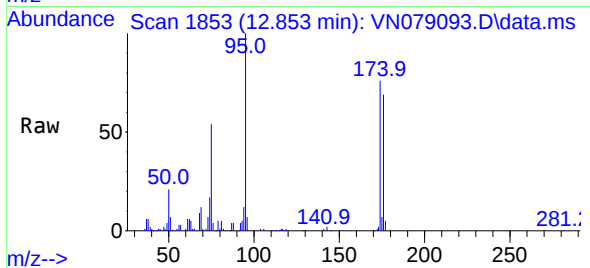




#62
4-Bromofluorobenzene
Concen: 48.251 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

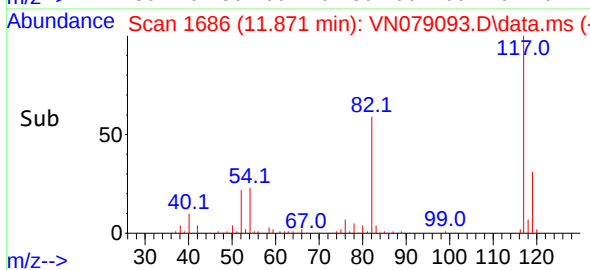
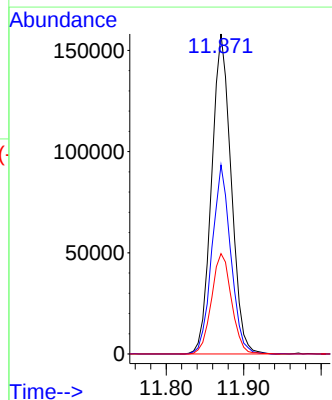
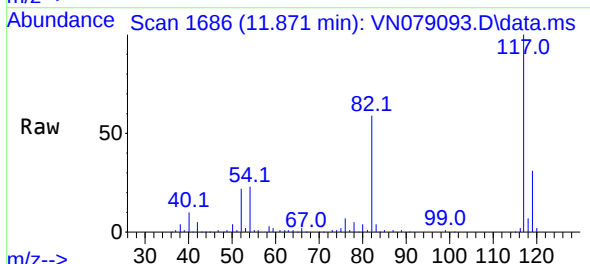
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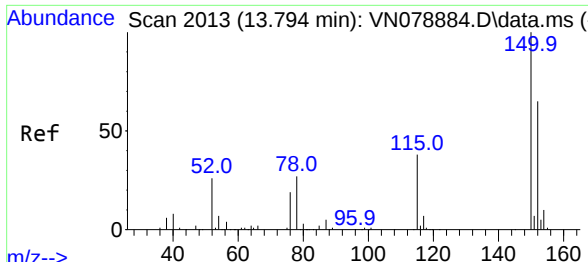
Tgt Ion: 95 Resp: 106768
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 73.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079093.D
Acq: 29 Aug 2023 14:53

Tgt Ion: 117 Resp: 276861
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079093.D
 Acq: 29 Aug 2023 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#02

Tgt Ion:152 Resp: 83342
 Ion Ratio Lower Upper
 152 100
 115 59.7 32.3 96.8
 150 160.6 0.0 355.8

