

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079098.D
 Acq On : 29 Aug 2023 16:54
 Operator : JC\MD
 Sample : PB155153ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#07

Quant Time: Aug 29 23:31:06 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)

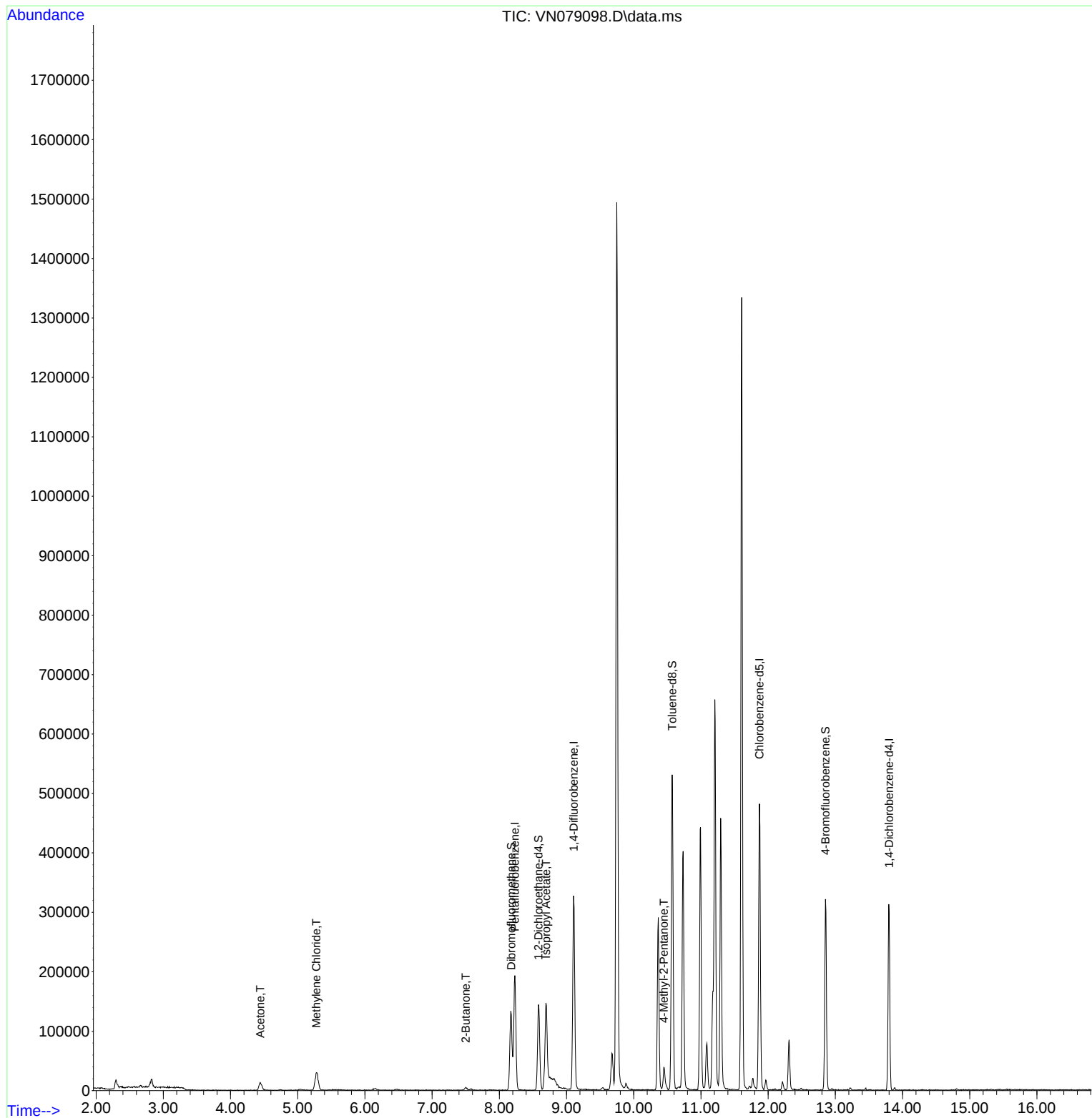
Internal Standards						
1) Pentafluorobenzene	8.230	168	135215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113499	53.943	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.177	113	92894	50.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	10.571	98	355926	52.096	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.853	95	102761	46.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.040%			
Target Compounds						
16) Acetone	4.442	43	25721	29.627	ug/l	97
20) Methylene Chloride	5.277	84	22593	12.212	ug/l #	82
25) 2-Butanone	7.500	43	7779	5.589	ug/l #	57
43) Isopropyl Acetate	8.694	43	189977	34.708	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	31583	9.729	ug/l #	74

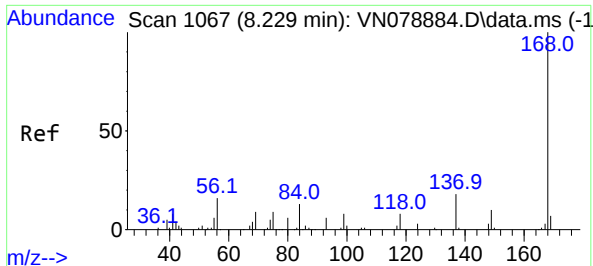
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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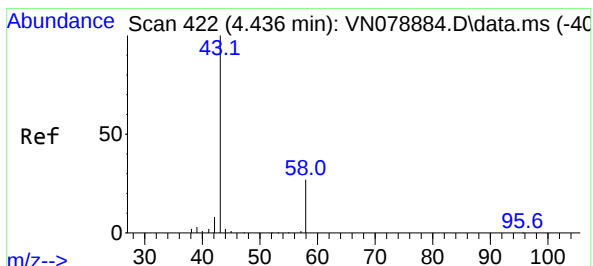
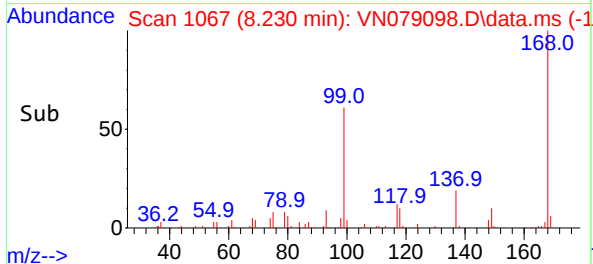
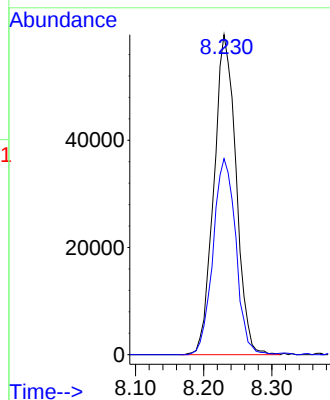
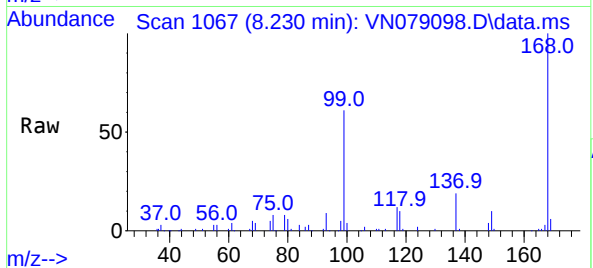




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

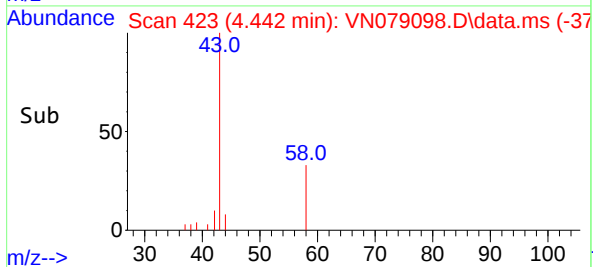
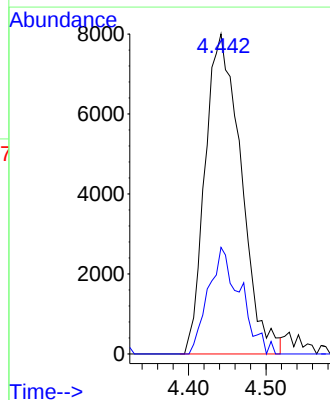
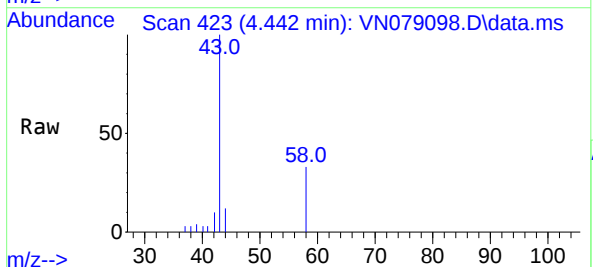
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#07

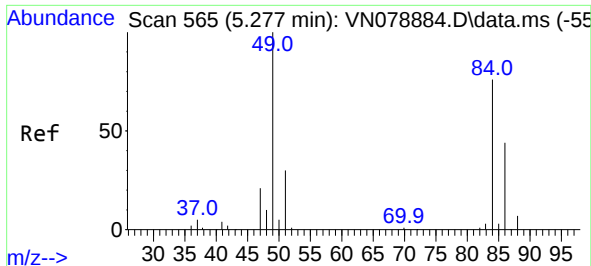
Tgt Ion:168 Resp: 135215
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 29.627 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

Tgt Ion: 43 Resp: 25721
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0

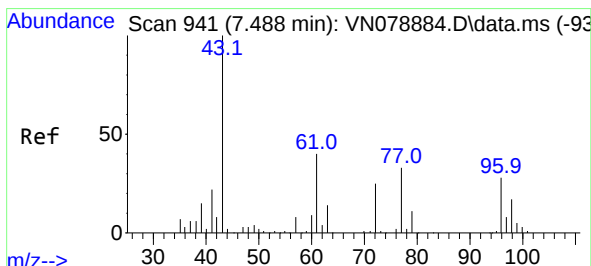
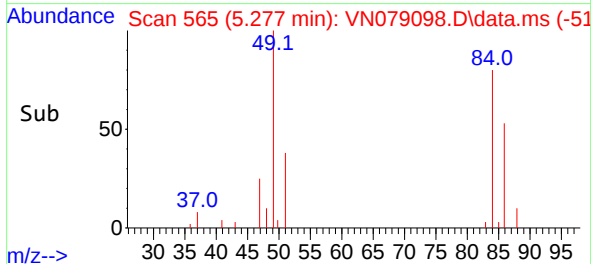
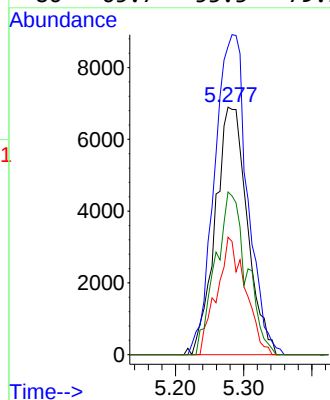
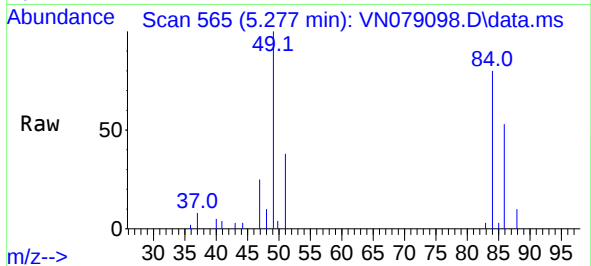




#20
Methylene Chloride
Concen: 12.212 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

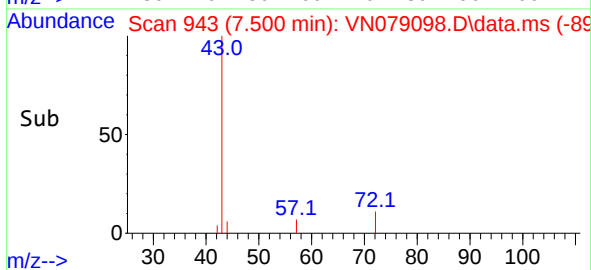
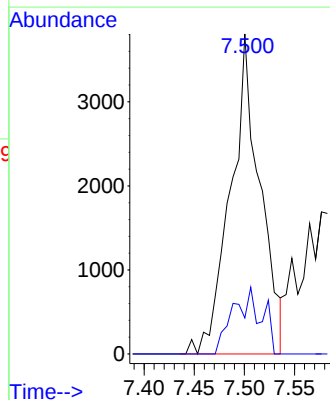
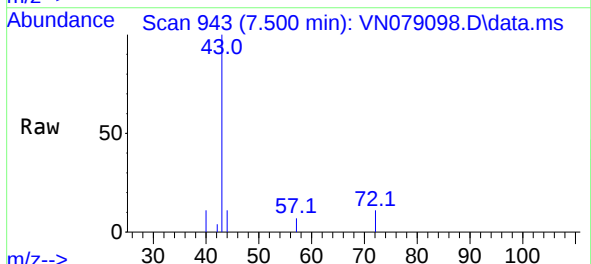
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#07

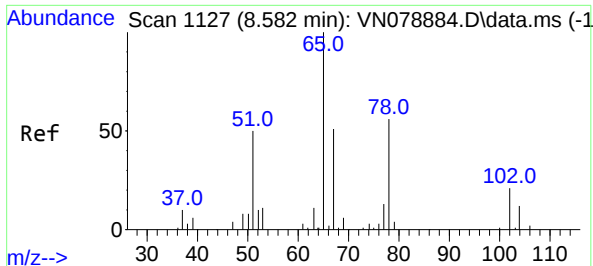
Tgt Ion:	84	Resp:	22593
Ion	Ratio	Lower	Upper
84	100		
49	124.5	79.7	119.5#
51	47.4	25.2	37.8#
86	65.7	53.3	79.9



#25
2-Butanone
Concen: 5.589 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

Tgt Ion:	43	Resp:	7779
Ion	Ratio	Lower	Upper
43	100		
72	11.7	30.2	45.2#

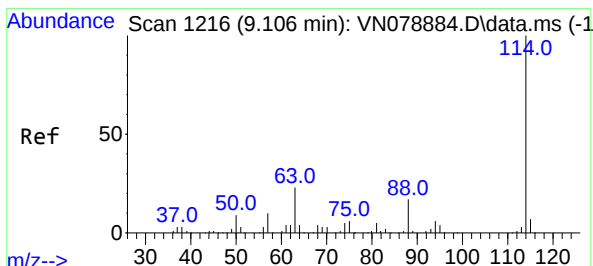
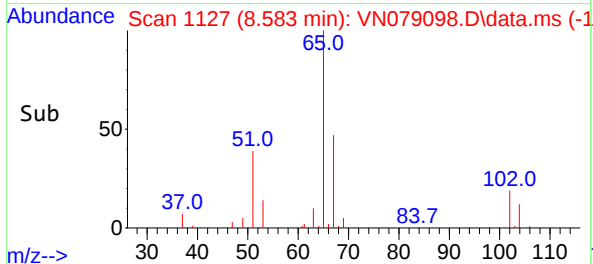
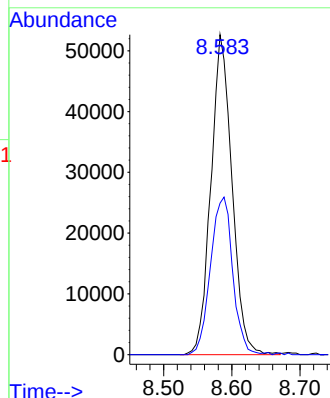
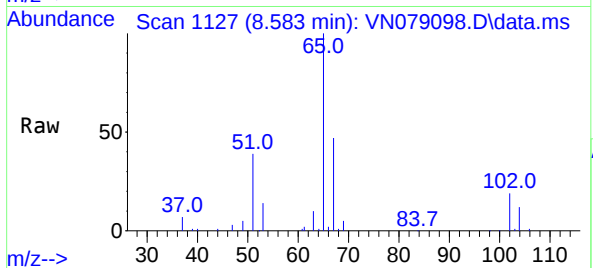




#33
1,2-Dichloroethane-d4
Concen: 53.943 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

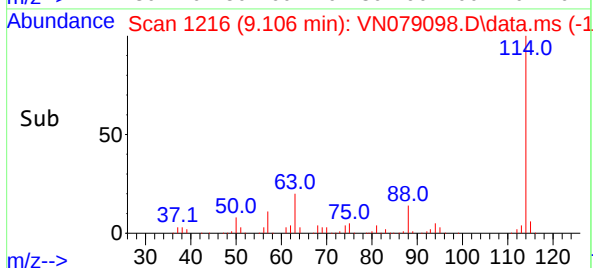
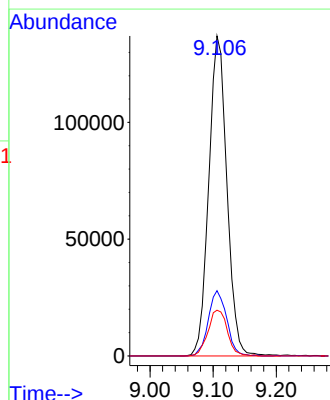
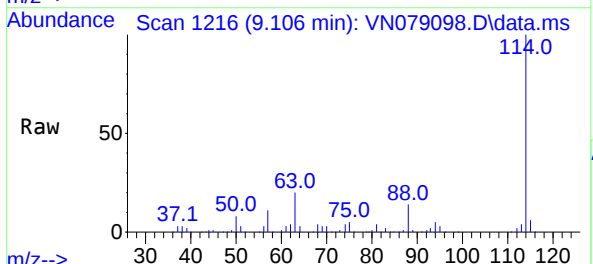
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#07

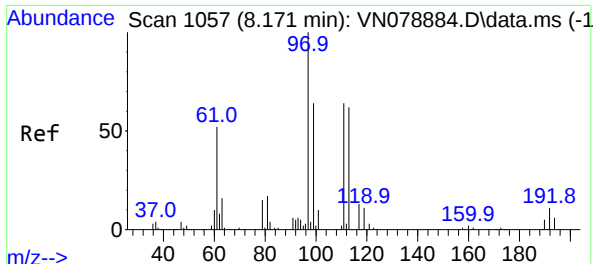
Tgt Ion: 65 Resp: 113499
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

Tgt Ion: 114 Resp: 273344
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 14.3 0.0 30.6

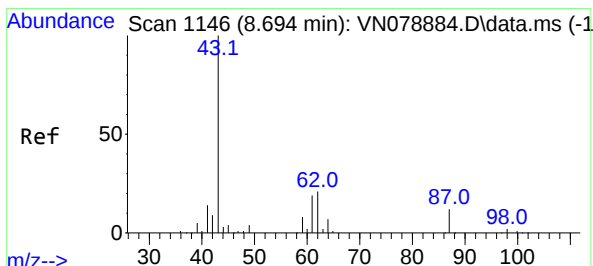
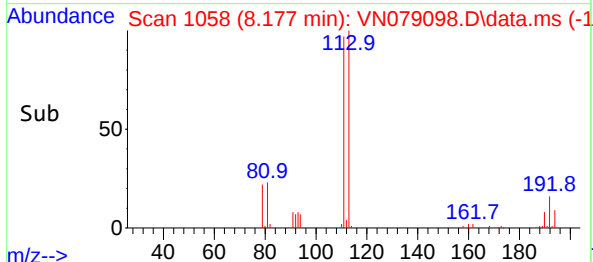
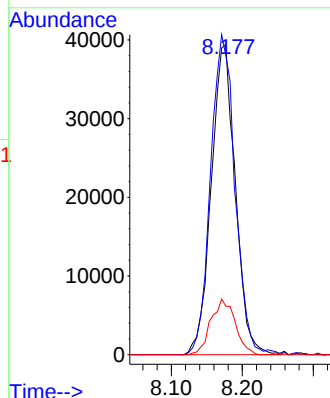
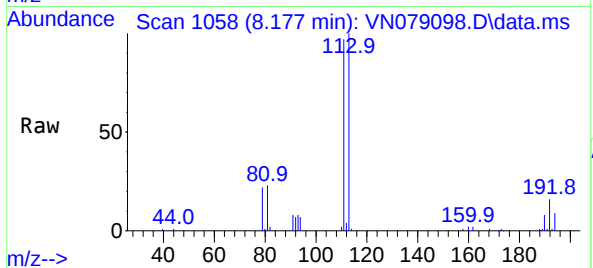




#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

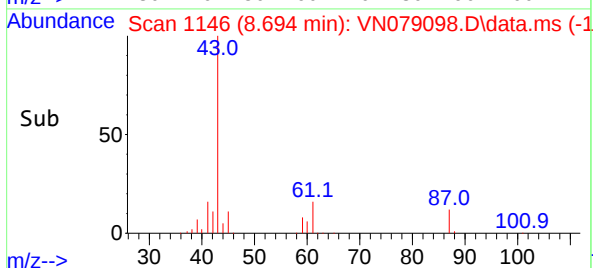
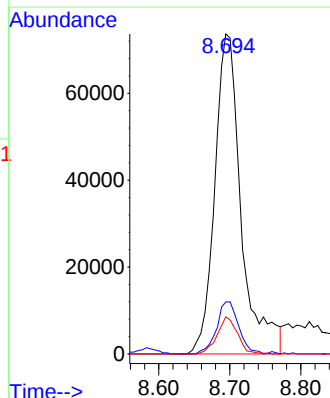
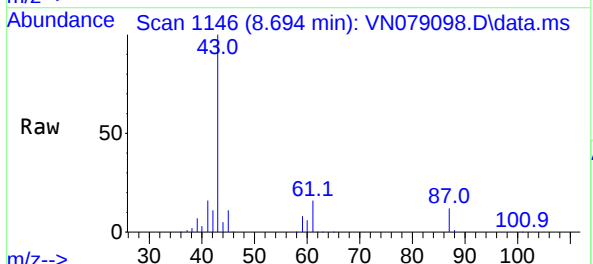
Instrument :
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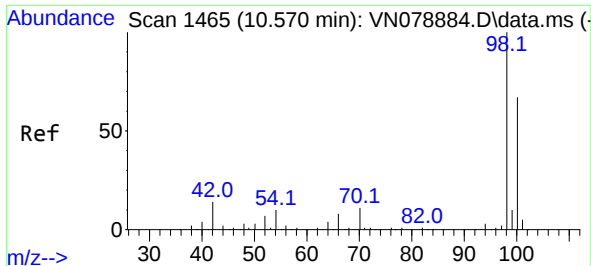
Tgt Ion:113 Resp: 92894
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.0 12.7 19.1



#43
Isopropyl Acetate
Concen: 34.708 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

Tgt Ion: 43 Resp: 189977
Ion Ratio Lower Upper
43 100
61 13.6 24.7 37.1#
87 8.9 14.6 21.8#

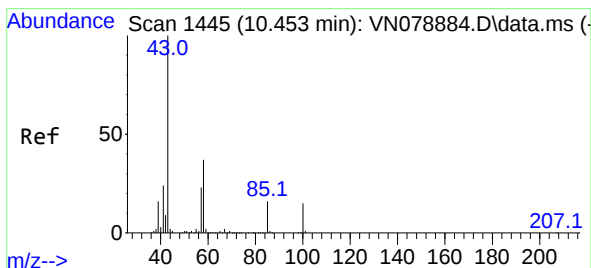
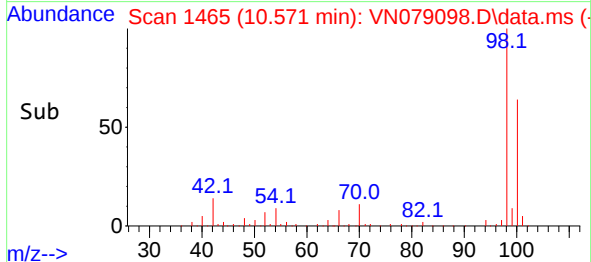
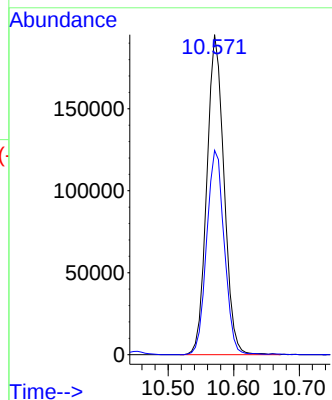
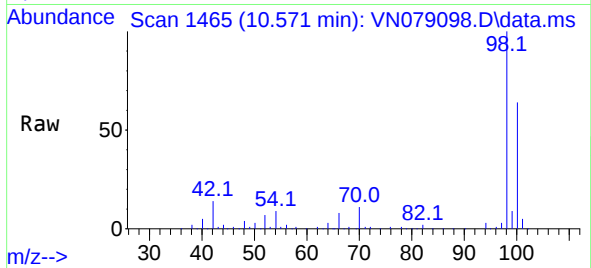




#50
Toluene-d8
Concen: 52.096 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

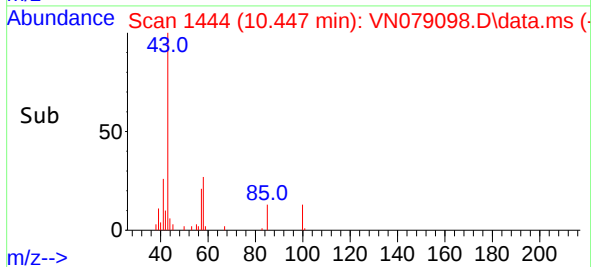
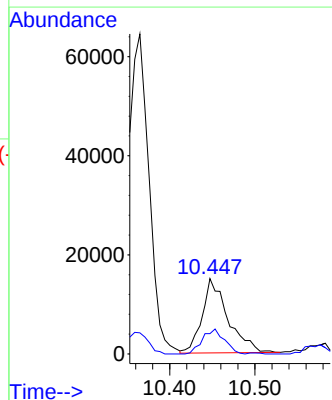
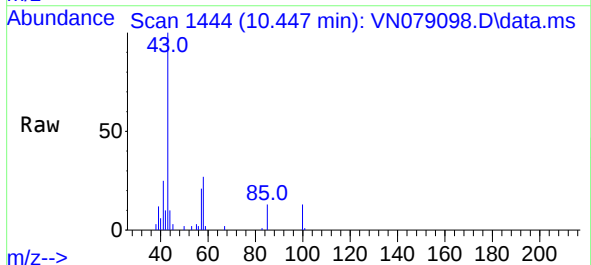
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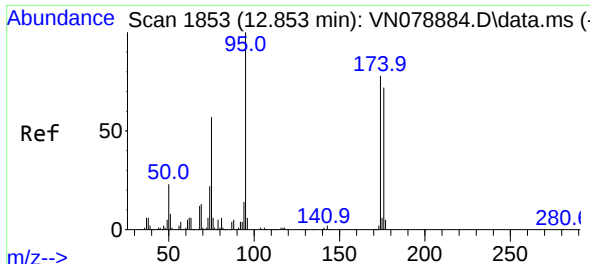
Tgt Ion: 98 Resp: 355926
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.729 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

Tgt Ion: 43 Resp: 31583
Ion Ratio Lower Upper
43 100
58 28.6 36.6 54.8#

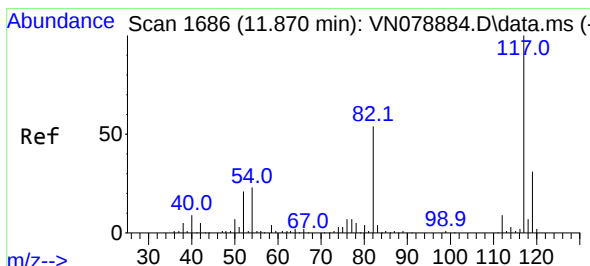
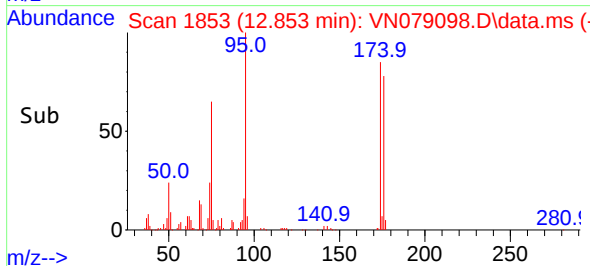
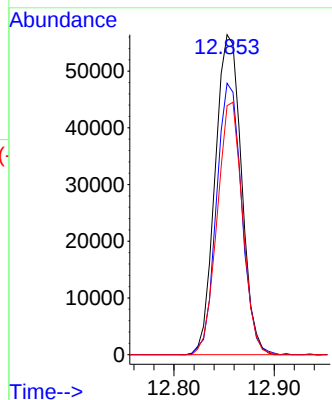
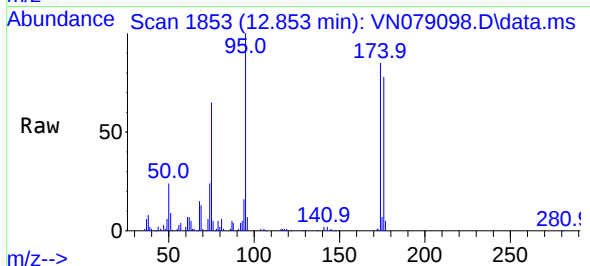




#62
4-Bromofluorobenzene
Concen: 46.016 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

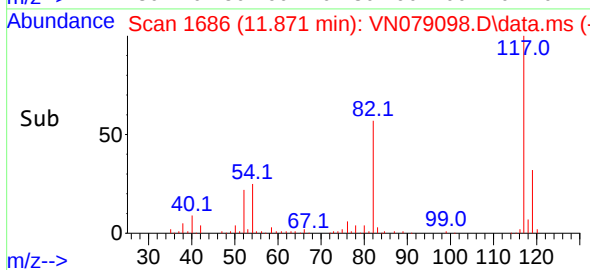
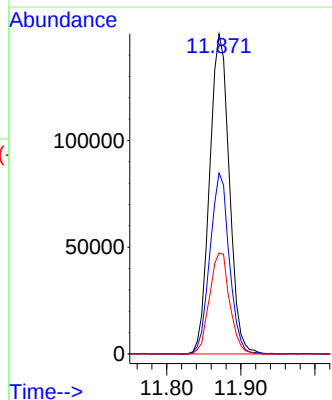
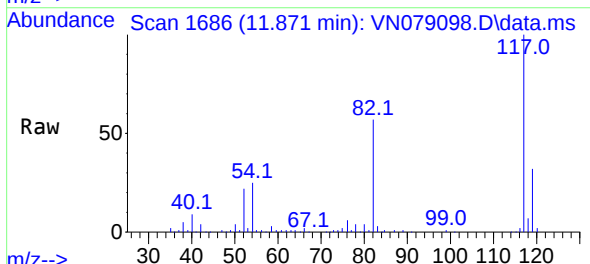
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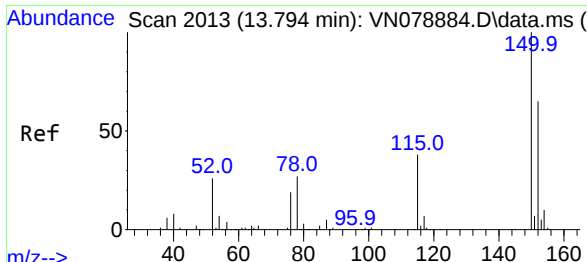
Tgt Ion: 95 Resp: 102761
Ion Ratio Lower Upper
95 100
174 81.7 0.0 143.8
176 75.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079098.D
Acq: 29 Aug 2023 16:54

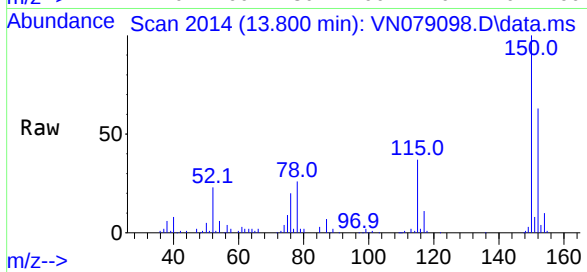
Tgt Ion: 117 Resp: 276537
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079098.D
 Acq: 29 Aug 2023 16:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#07



Tgt Ion:152 Resp: 82380
 Ion Ratio Lower Upper
 152 100
 115 59.9 32.3 96.8
 150 153.2 0.0 355.8

