

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079100.D
 Acq On : 29 Aug 2023 17:43
 Operator : JC\MD
 Sample : PB155153ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#09

Quant Time: Aug 29 23:31:34 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)

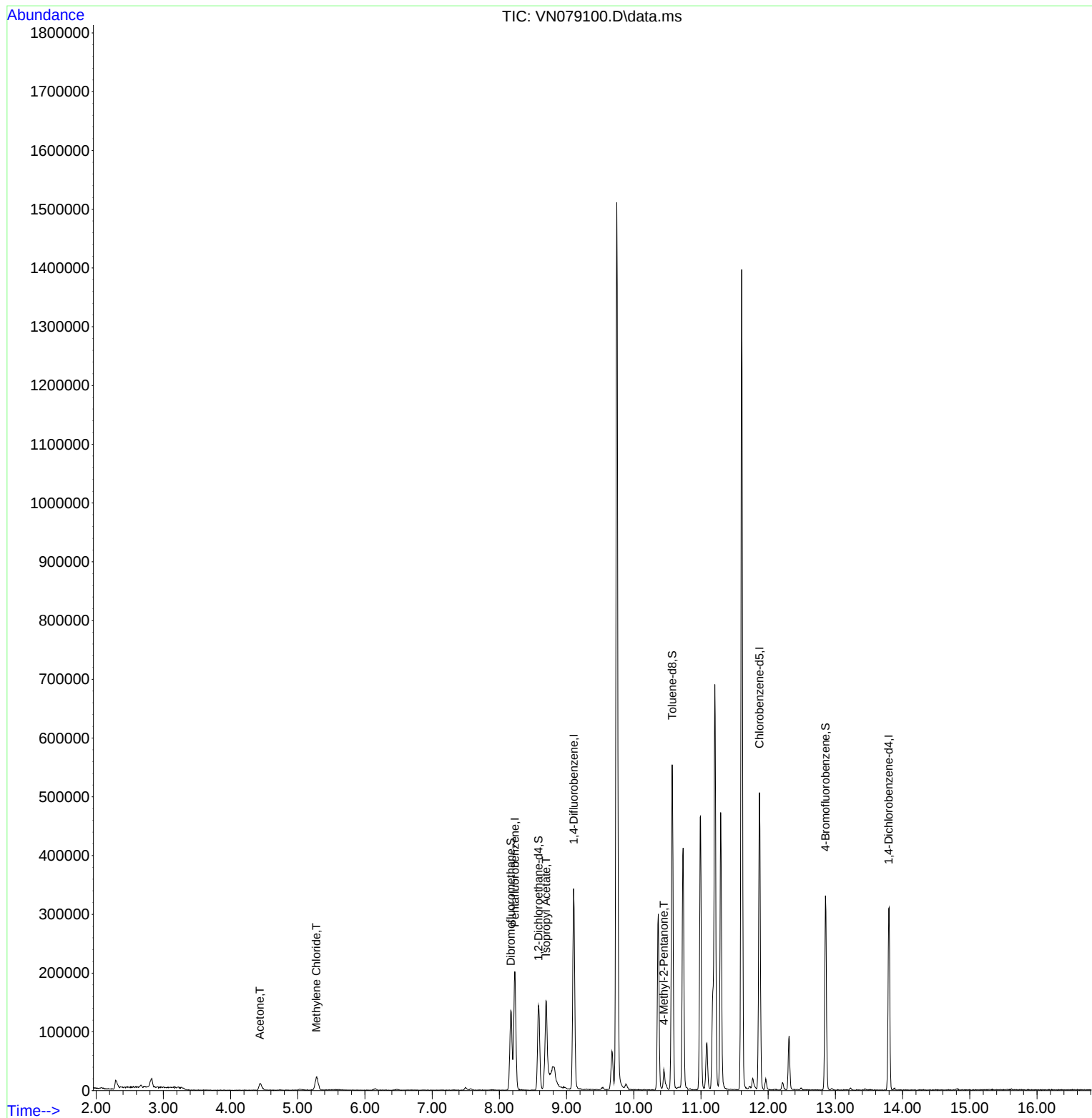
Internal Standards						
1) Pentafluorobenzene	8.230	168	141950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117752	53.309	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.620%		
35) Dibromofluoromethane	8.171	113	95389	51.487	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.980%		
50) Toluene-d8	10.571	98	360547	52.412	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.820%		
62) 4-Bromofluorobenzene	12.853	95	107072	47.619	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.240%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	23504	25.789	ug/l	89
20) Methylene Chloride	5.277	84	16622	8.558	ug/l #	76
43) Isopropyl Acetate	8.694	43	199300	36.162	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	28095	8.595	ug/l #	73

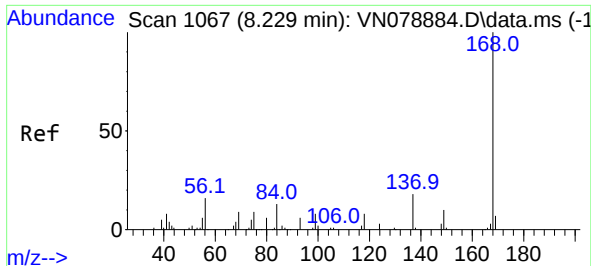
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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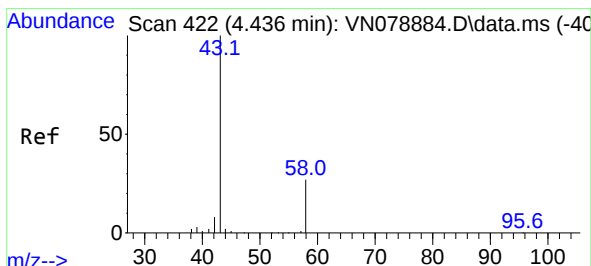
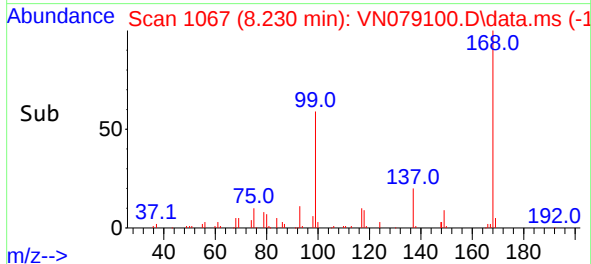
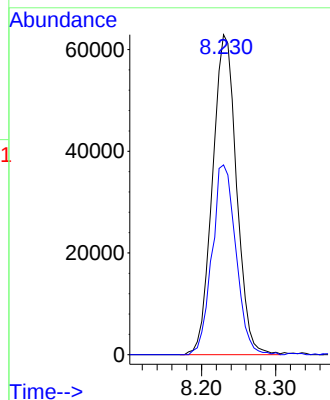
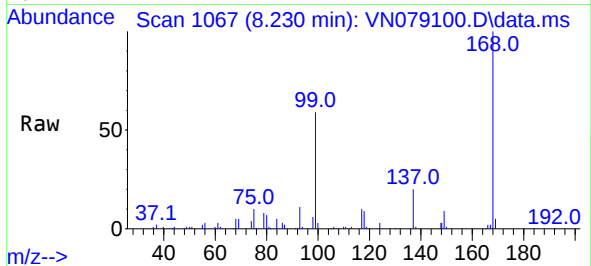




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

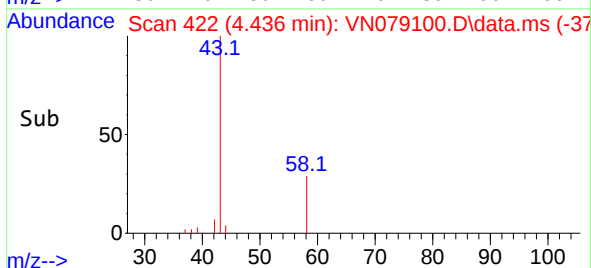
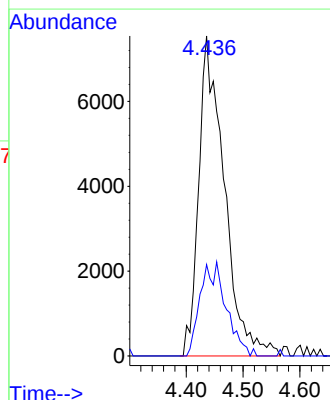
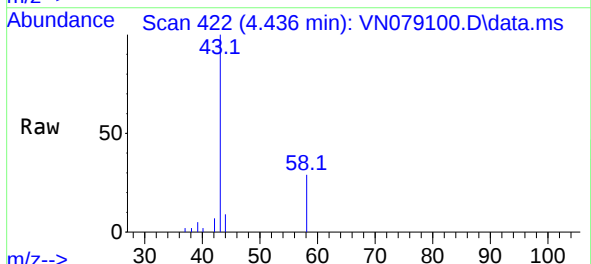
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#09

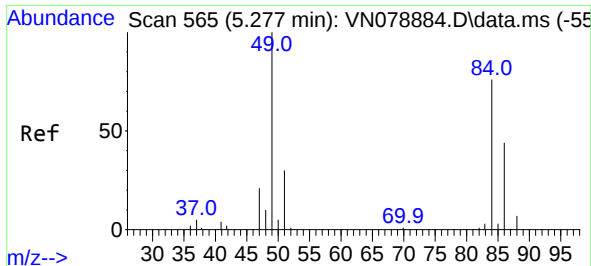
Tgt Ion:168 Resp: 141950
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#16
Acetone
Concen: 25.789 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

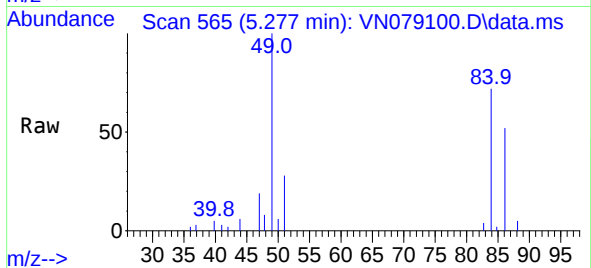
Tgt Ion: 43 Resp: 23504
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0





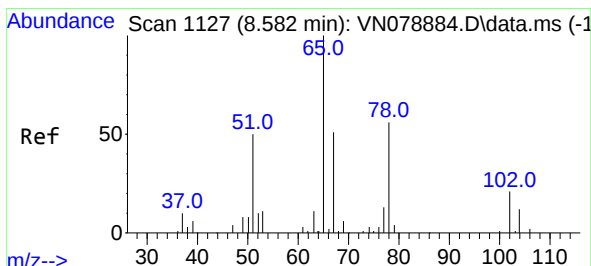
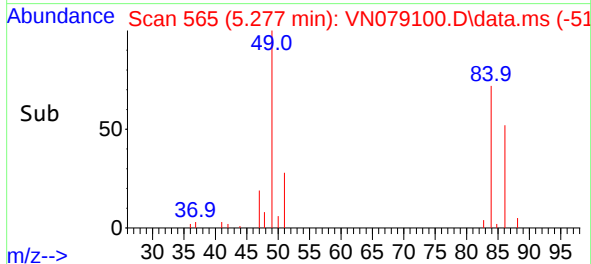
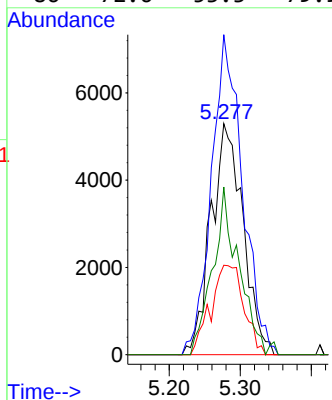
#20
Methylene Chloride
Concen: 8.558 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#09



Tgt Ion: 84 Resp: 16622

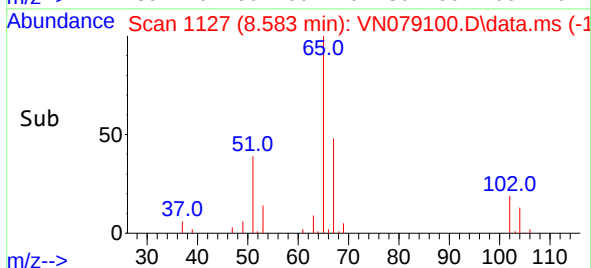
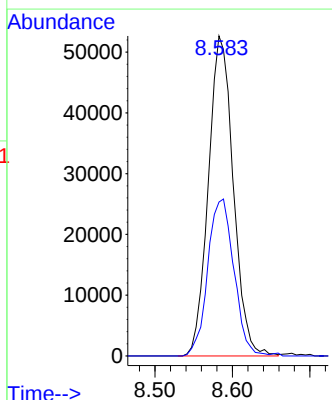
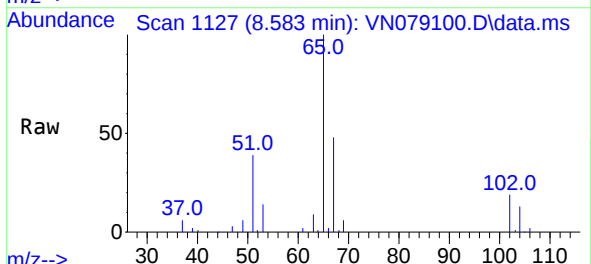
Ion	Ratio	Lower	Upper
84	100		
49	138.5	79.7	119.5#
51	38.7	25.2	37.8#
86	72.6	53.3	79.9

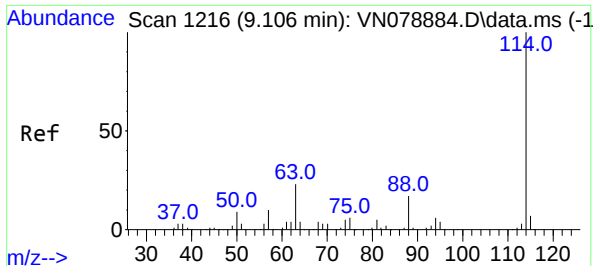


#33
1,2-Dichloroethane-d4
Concen: 53.309 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Tgt Ion: 65 Resp: 117752

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.6

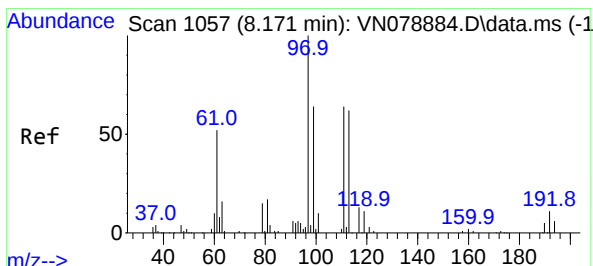
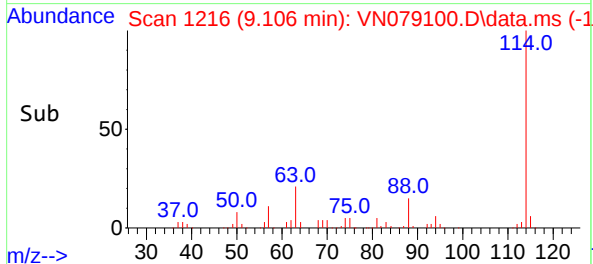
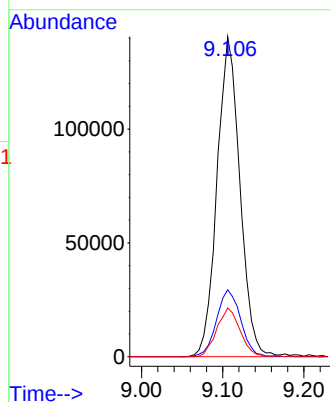
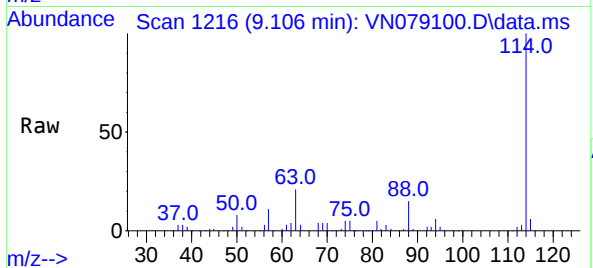




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

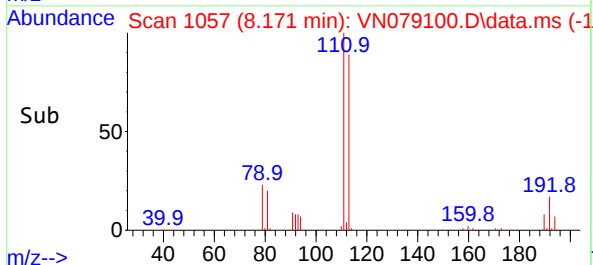
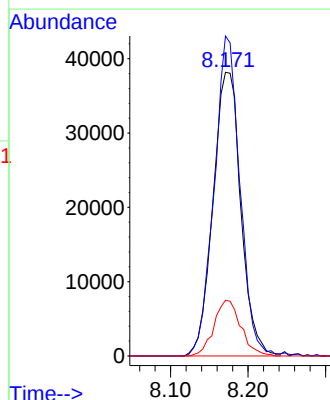
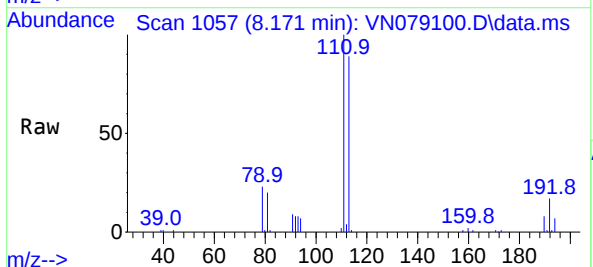
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#09

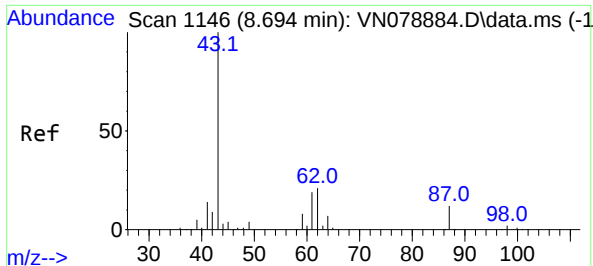
Tgt Ion:114 Resp: 275226
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.487 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Tgt Ion:113 Resp: 95389
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 19.0 12.7 19.1

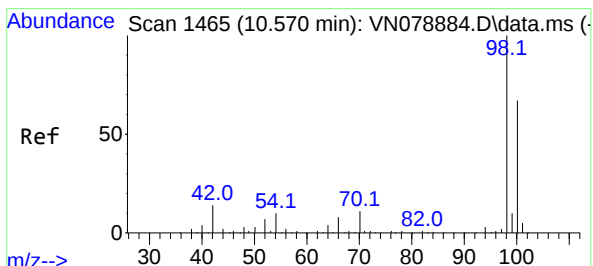
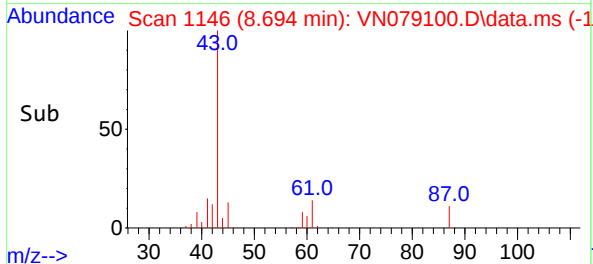
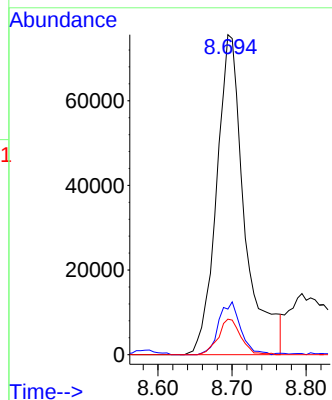
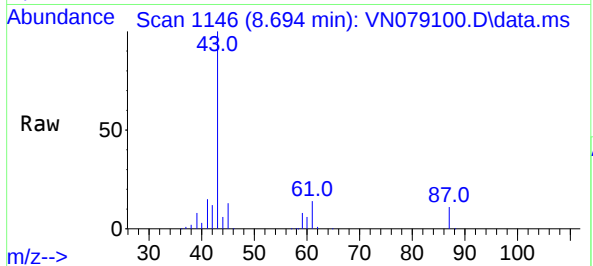




#43
Isopropyl Acetate
Concen: 36.162 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

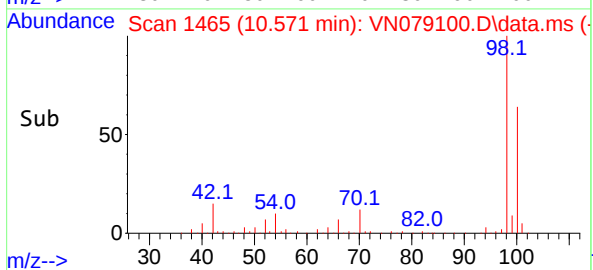
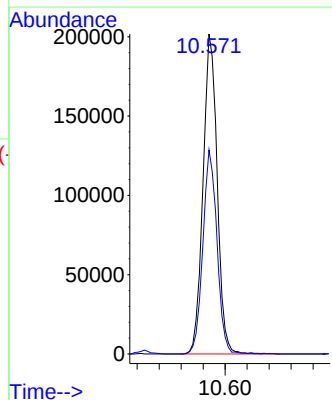
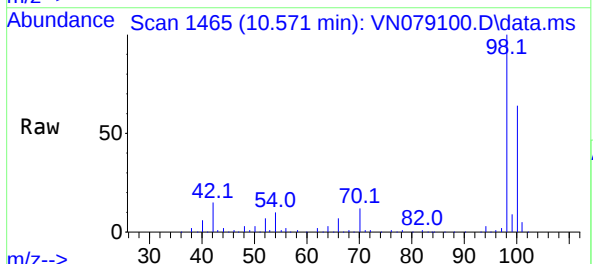
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#09

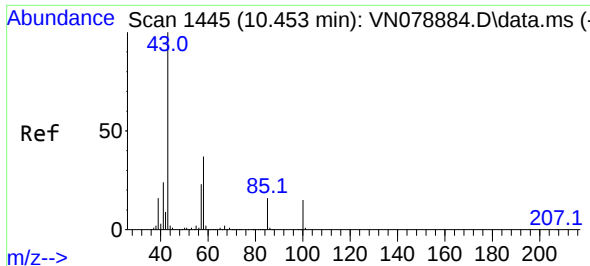
Tgt Ion: 43 Resp: 199300
Ion Ratio Lower Upper
43 100
61 12.9 24.7 37.1#
87 8.9 14.6 21.8#



#50
Toluene-d8
Concen: 52.412 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Tgt Ion: 98 Resp: 360547
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

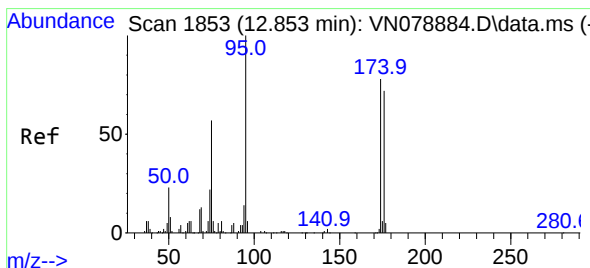
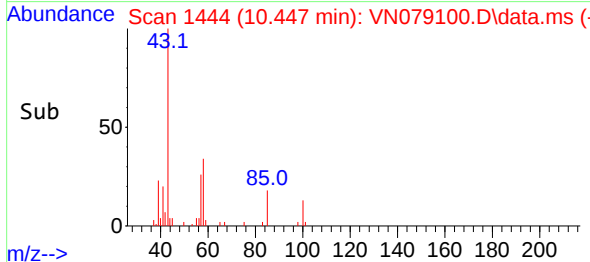
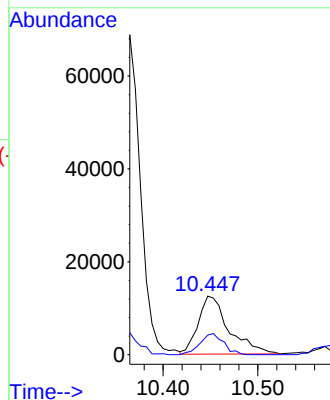
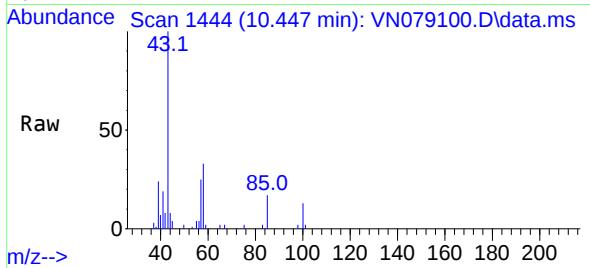




#51
4-Methyl-2-Pentanone
Concen: 8.595 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

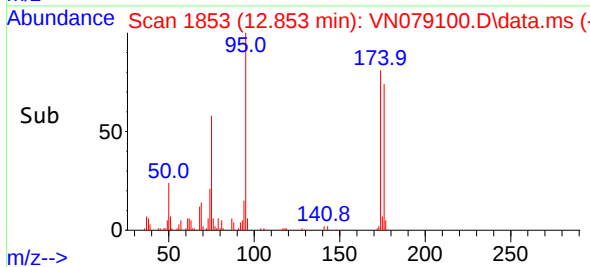
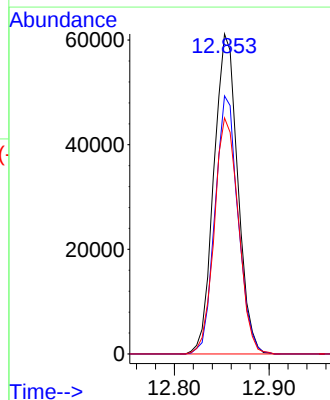
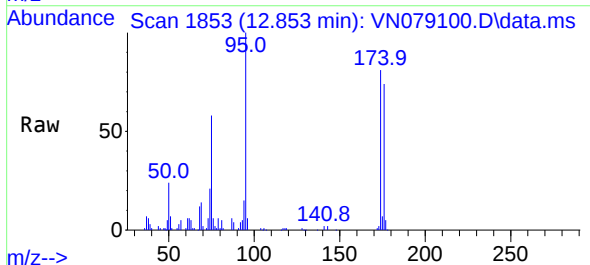
Instrument :
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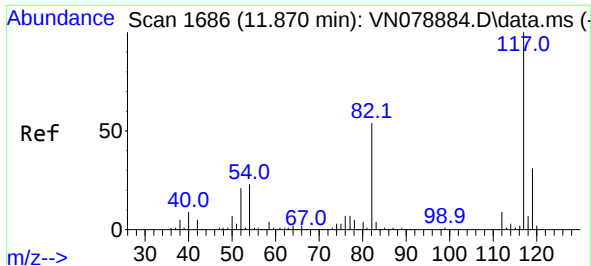
Tgt Ion: 43 Resp: 28095
Ion Ratio Lower Upper
43 100
58 28.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.619 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

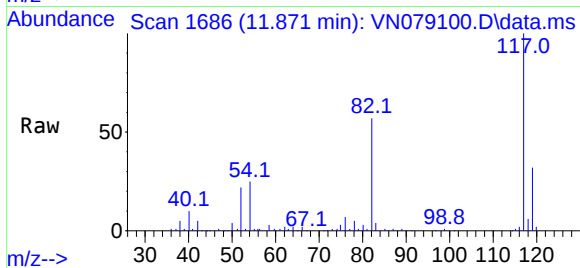
Tgt Ion: 95 Resp: 107072
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 74.6 0.0 135.8



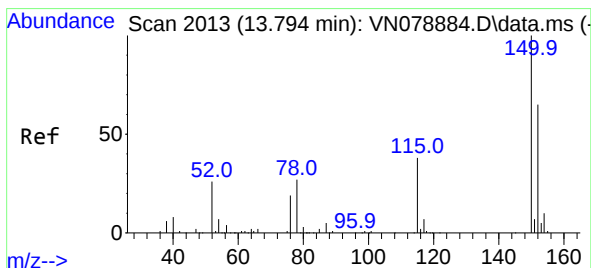
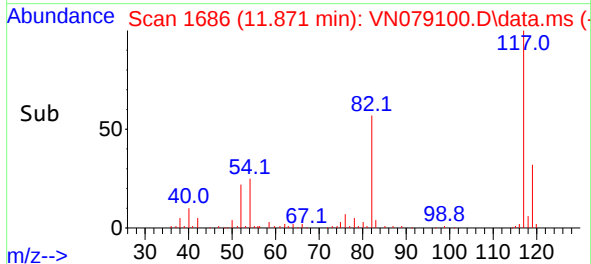
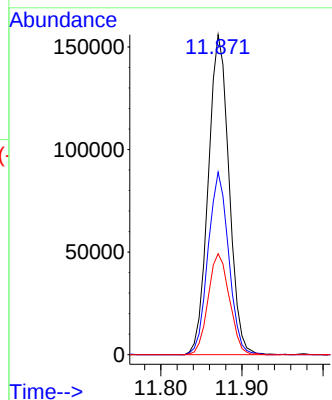


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#09



Tgt Ion:117 Resp: 276337
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079100.D
Acq: 29 Aug 2023 17:43

Tgt Ion:152 Resp: 84912
Ion Ratio Lower Upper
152 100
115 56.6 32.3 96.8
150 155.4 0.0 355.8

