

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079101.D
 Acq On : 29 Aug 2023 18:07
 Operator : JC\MD
 Sample : PB155153ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#10

Quant Time: Aug 29 23:31:47 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)

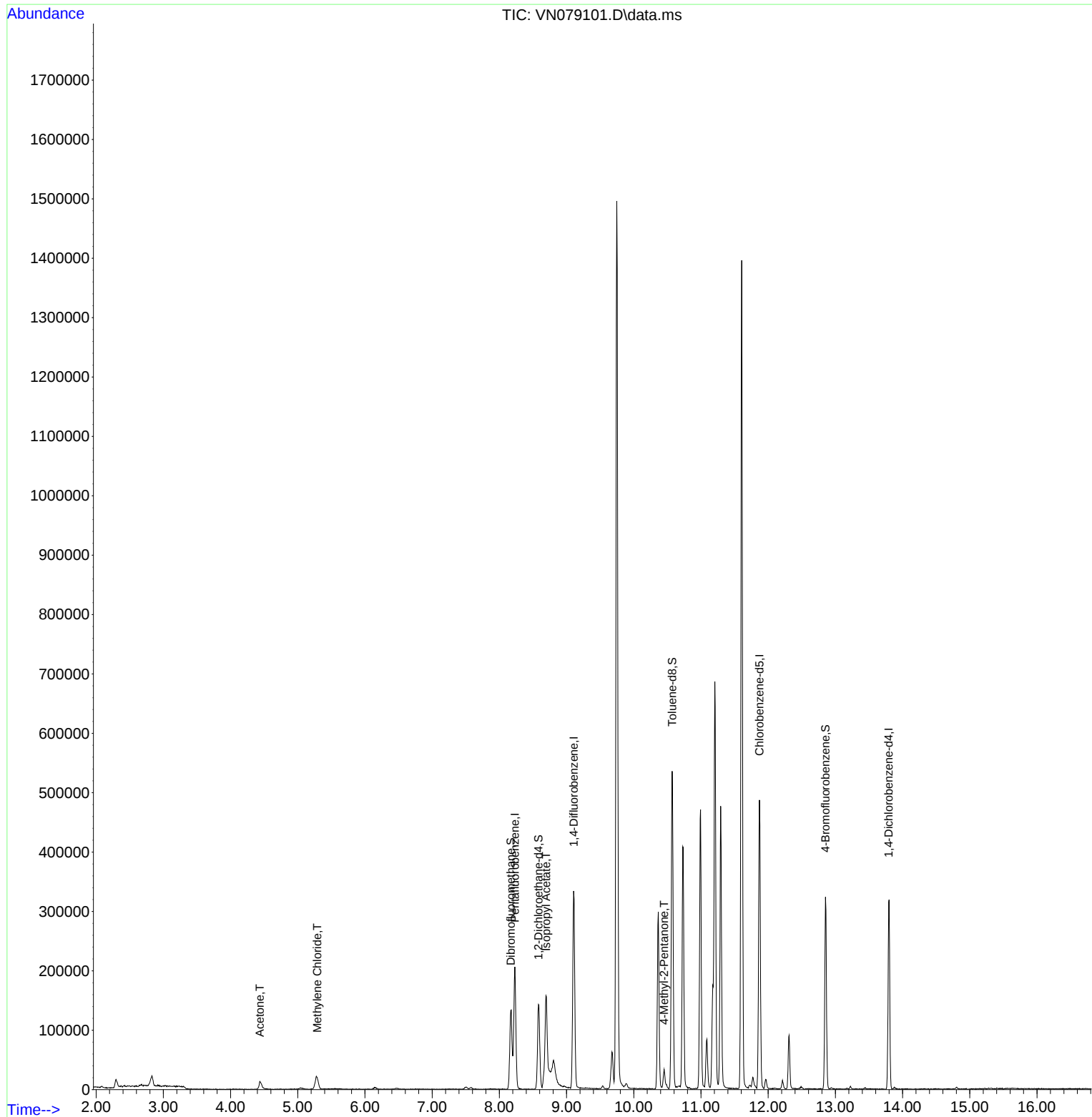
Internal Standards						
1) Pentafluorobenzene	8.230	168	140277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116372	53.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.620%	
35) Dibromofluoromethane	8.171	113	95235	50.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.620%	
50) Toluene-d8	10.571	98	363267	52.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.853	95	106239	46.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	23348	25.923	ug/l	93
20) Methylene Chloride	5.289	84	16125	8.401	ug/l #	86
43) Isopropyl Acetate	8.694	43	208995	37.486	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	27913	8.441	ug/l #	75

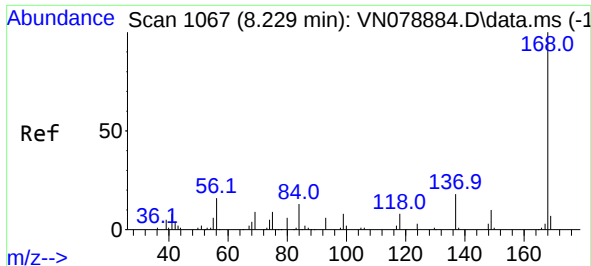
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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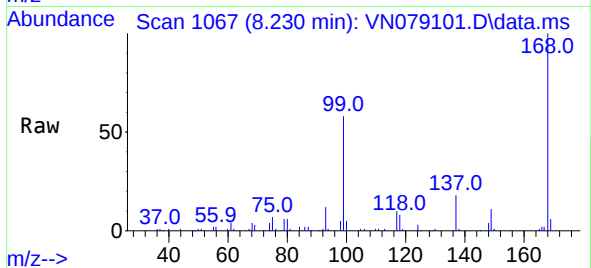
Quant Time: Aug 29 23:31:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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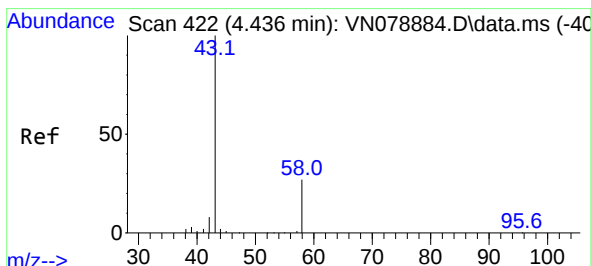
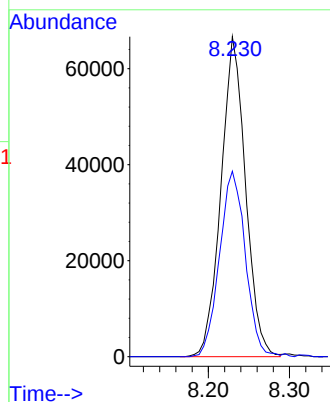
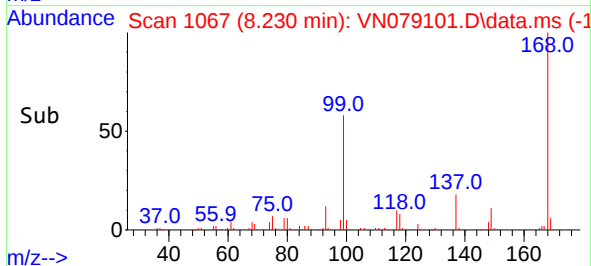


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#10

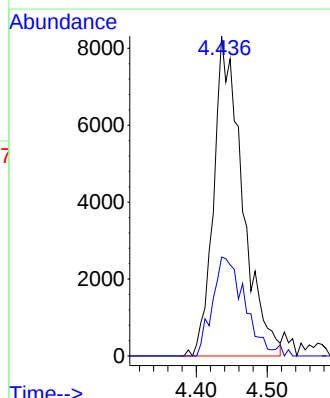
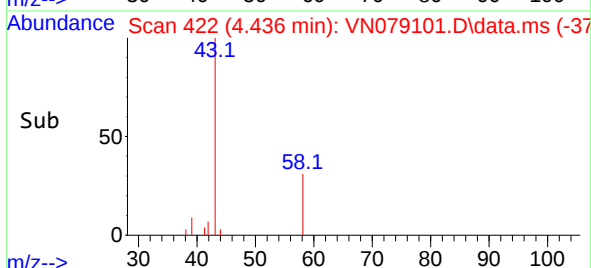
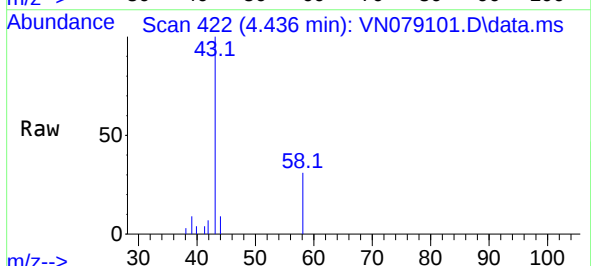


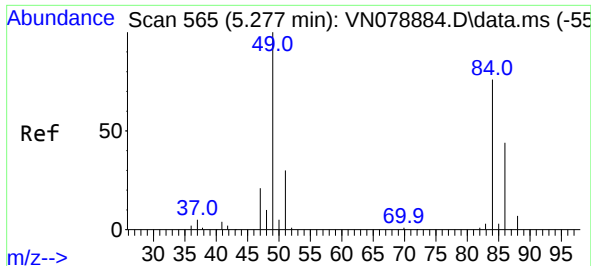
Tgt Ion:168 Resp: 140277
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#16
Acetone
Concen: 25.923 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 43 Resp: 23348
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

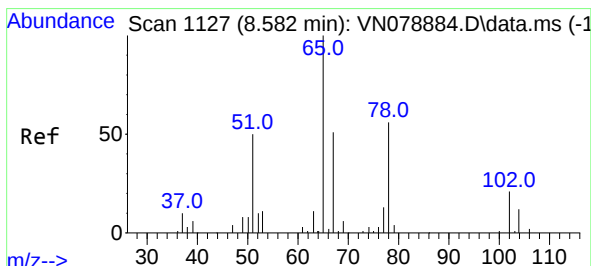
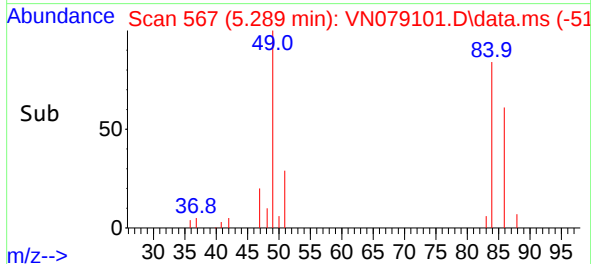
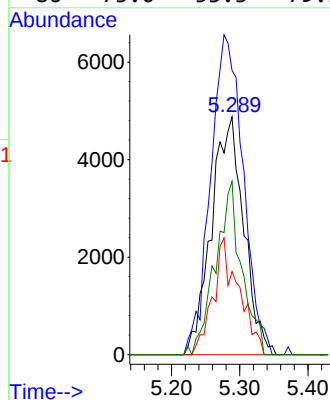
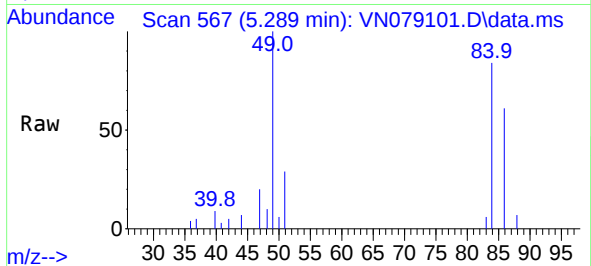




#20
Methylene Chloride
Concen: 8.401 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

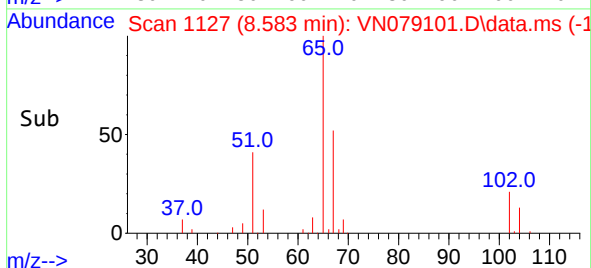
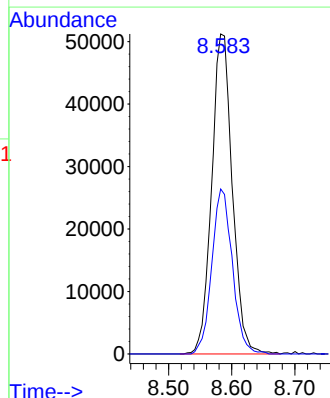
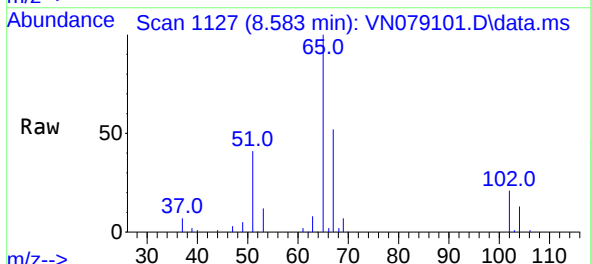
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#10

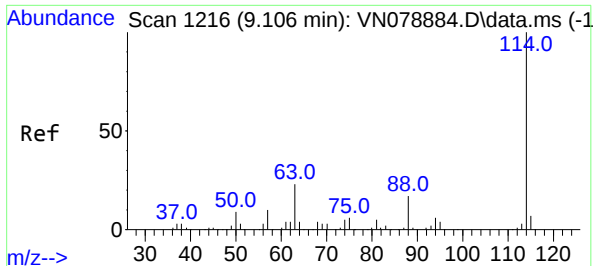
Tgt Ion: 84 Resp: 16125
Ion Ratio Lower Upper
84 100
49 119.6 79.7 119.5#
51 35.0 25.2 37.8
86 73.0 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 53.312 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 65 Resp: 116372
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

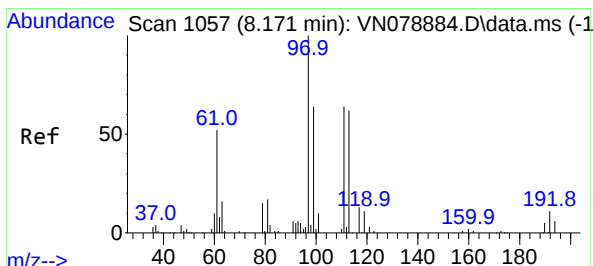
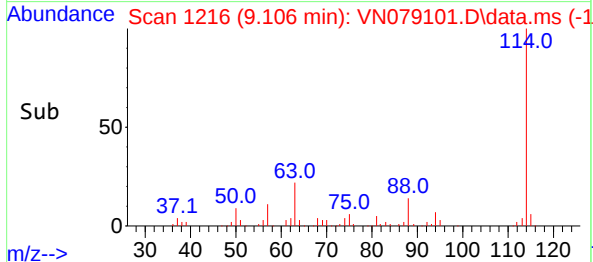
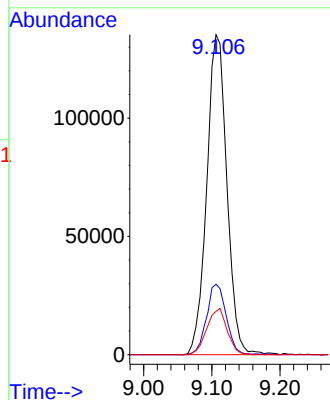
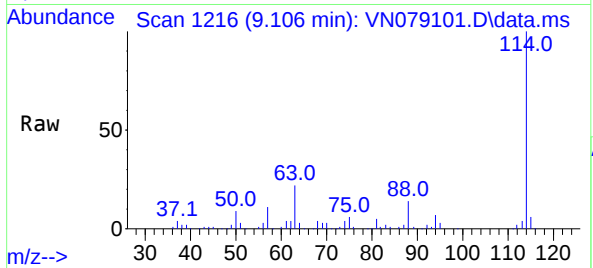




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

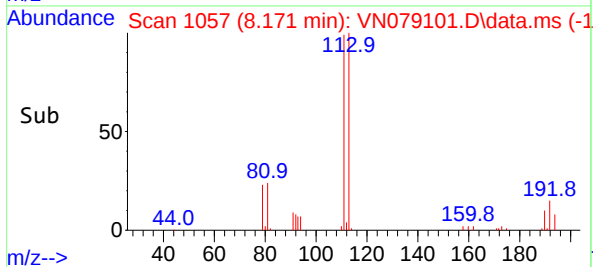
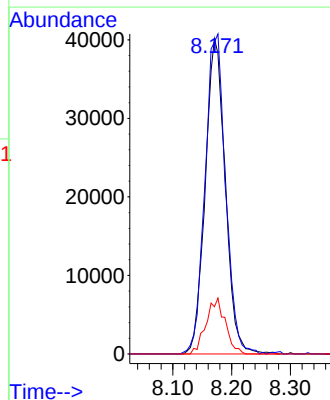
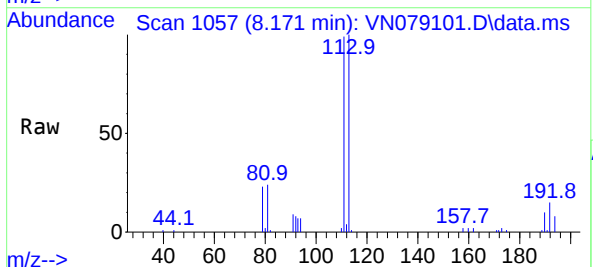
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#10

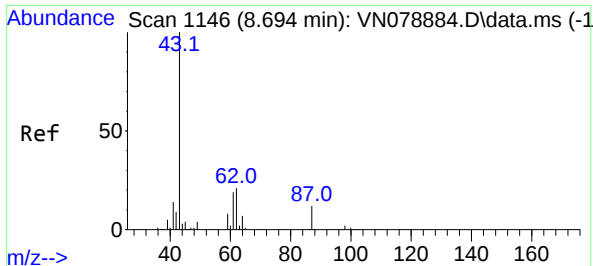
Tgt Ion:114 Resp: 278424
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 13.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.814 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Tgt Ion:113 Resp: 95235
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 17.0 12.7 19.1

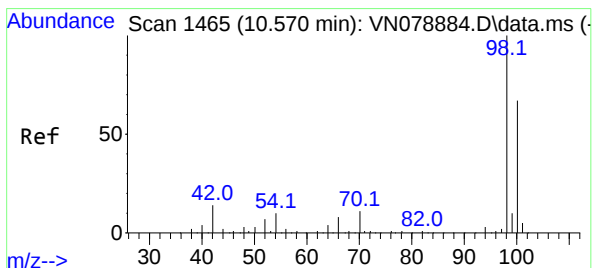
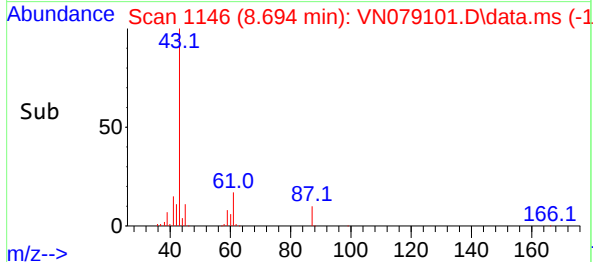
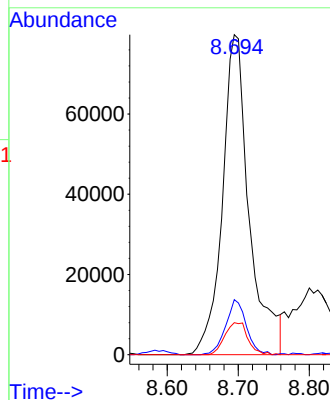
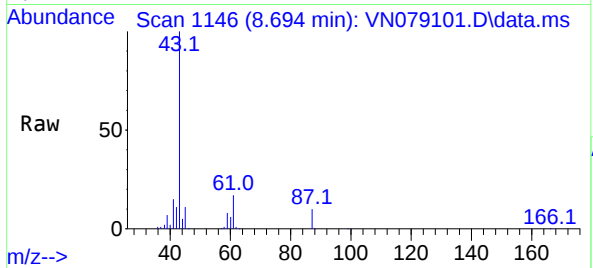




#43
Isopropyl Acetate
Concen: 37.486 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

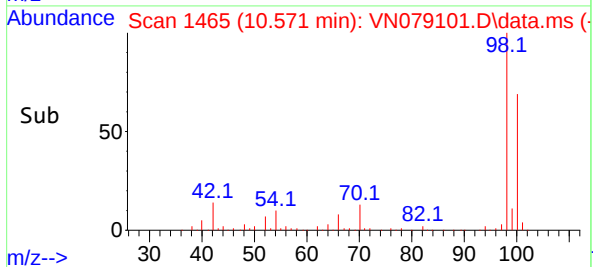
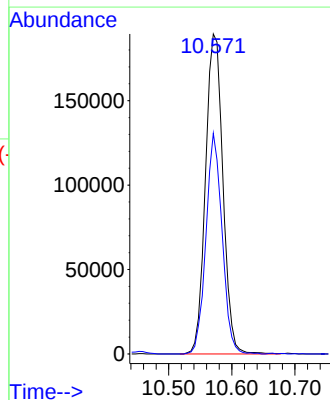
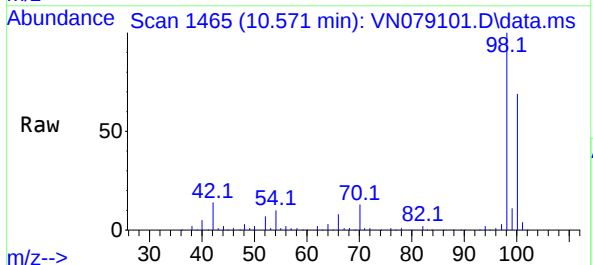
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#10

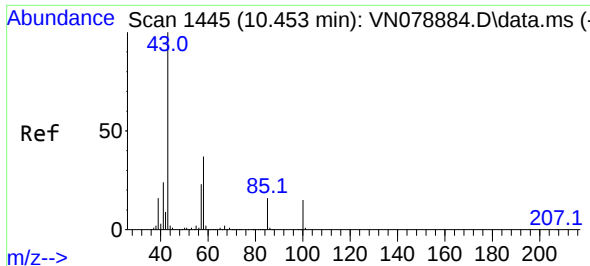
Tgt Ion: 43 Resp: 208995
Ion Ratio Lower Upper
43 100
61 13.3 24.7 37.1#
87 8.6 14.6 21.8#



#50
Toluene-d8
Concen: 52.200 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Tgt Ion: 98 Resp: 363267
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

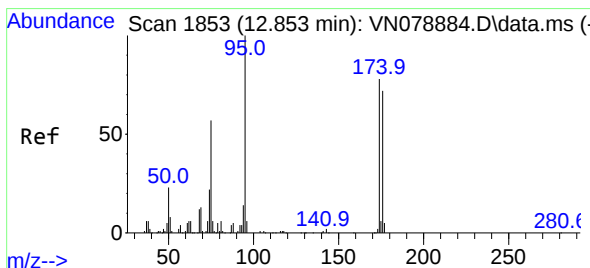
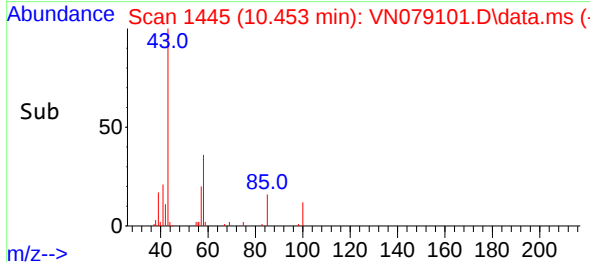
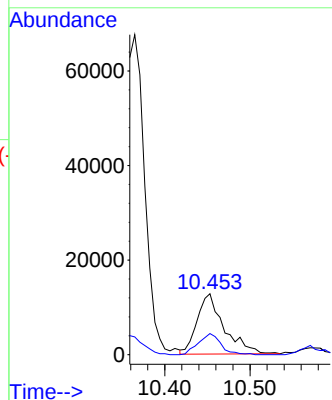
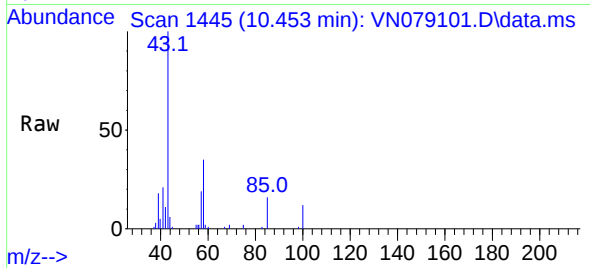




#51
4-Methyl-2-Pentanone
Concen: 8.441 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

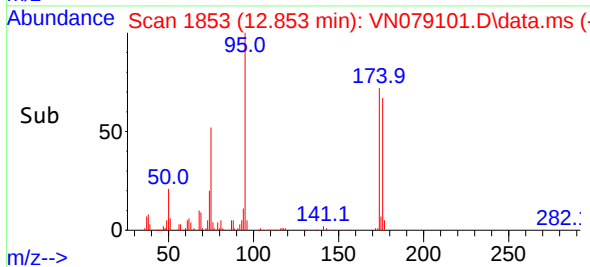
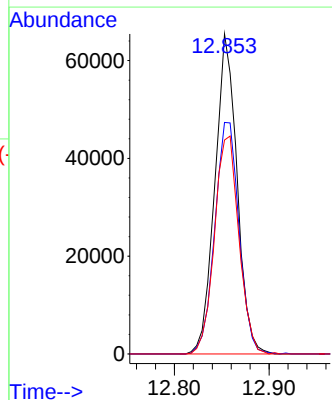
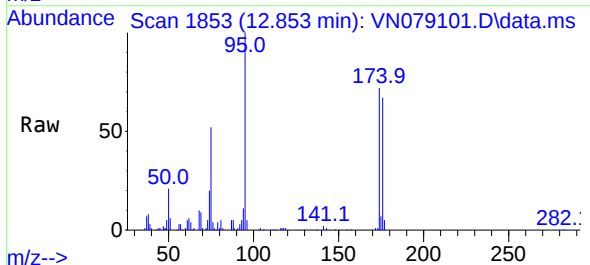
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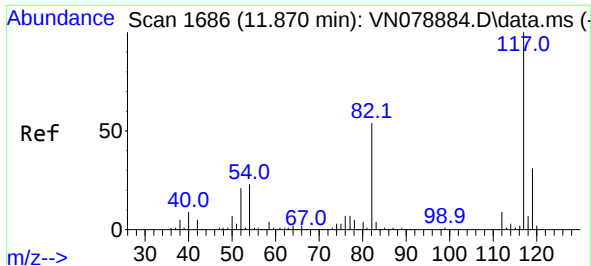
Tgt Ion: 43 Resp: 27913
Ion Ratio Lower Upper
43 100
58 29.3 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.706 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

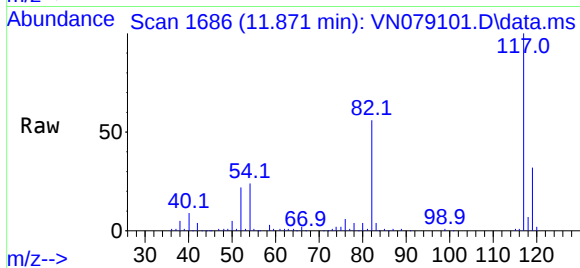
Tgt Ion: 95 Resp: 106239
Ion Ratio Lower Upper
95 100
174 79.2 0.0 143.8
176 75.1 0.0 135.8



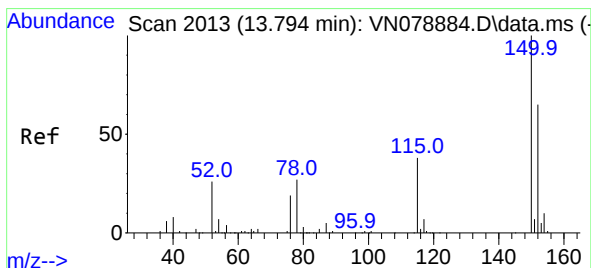
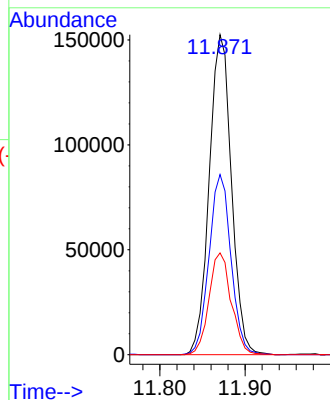
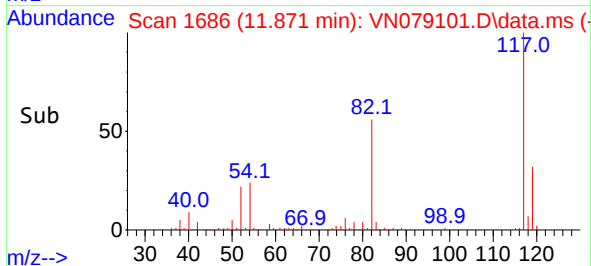


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079101.D
Acq: 29 Aug 2023 18:07

Instrument :
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Tgt Ion:117 Resp: 276294
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.8 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: VN079101.D
Acq: 29 Aug 2023 18:07

Tgt Ion:152 Resp: 80730
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 160.1 0.0 355.8

