

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079019.D
 Acq On : 23 Aug 2023 16:24
 Operator : JC\MD
 Sample : 04091-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-G

Quant Time: Aug 24 01:17:27 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)

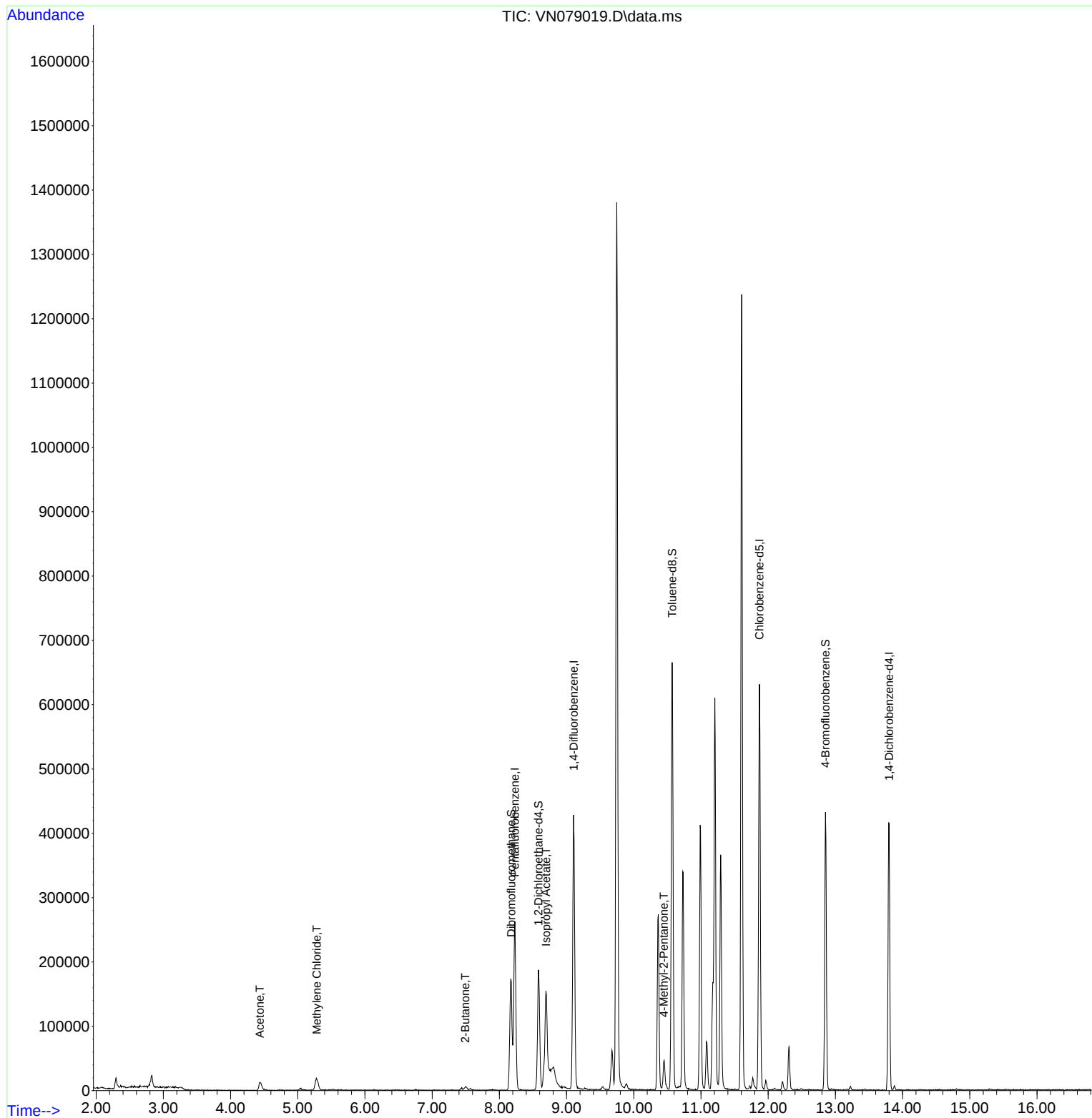
Internal Standards						
1) Pentafluorobenzene	8.230	168	181131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	353014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	111528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148728	52.768	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.540%	
35) Dibromofluoromethane	8.177	113	124266	52.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.571	98	451198	51.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.853	95	140562	48.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	25208	21.675	ug/l #	86
20) Methylene Chloride	5.283	84	12599	5.084	ug/l #	83
25) 2-Butanone	7.494	43	9856	5.286	ug/l #	56
43) Isopropyl Acetate	8.694	43	207657	29.367	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	39593	9.441	ug/l #	74

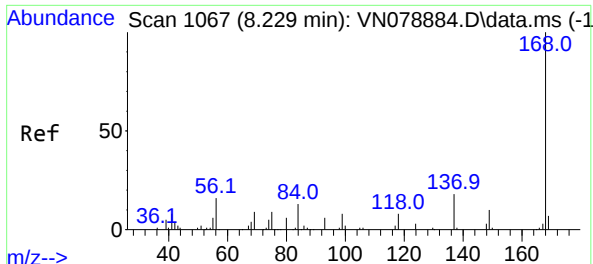
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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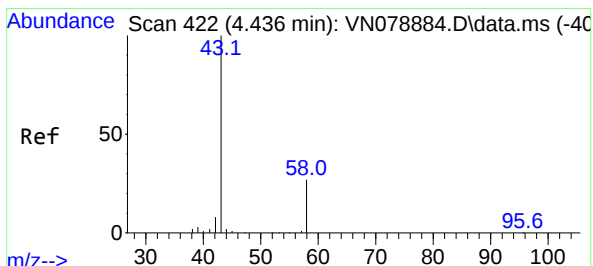
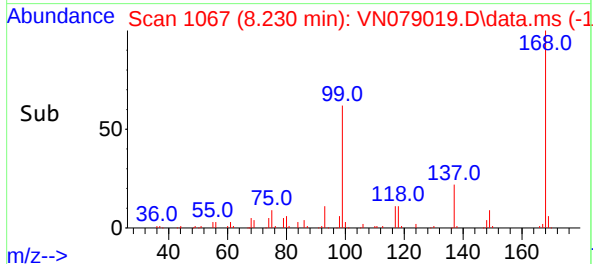
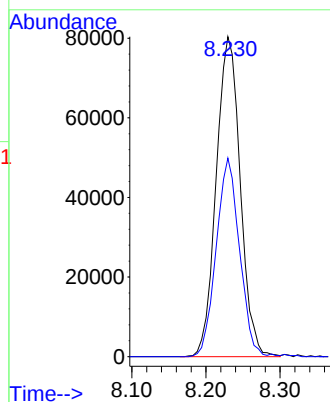
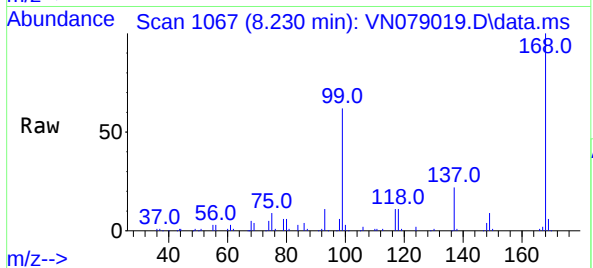




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

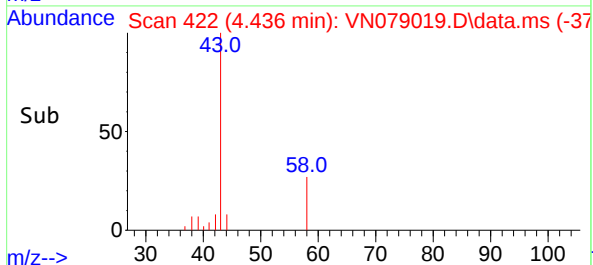
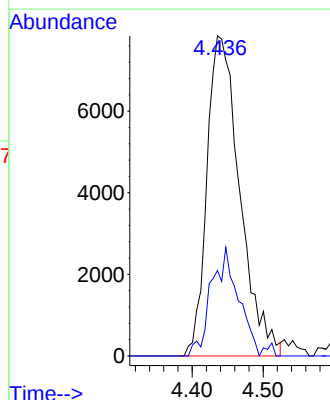
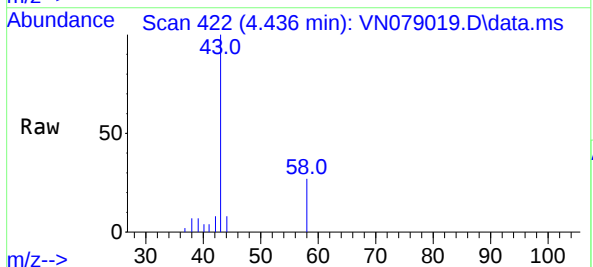
Instrument :
MSVOA_N
ClientSampleId :
TP-G

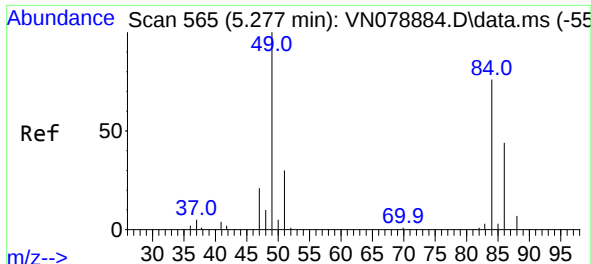
Tgt Ion:168 Resp: 181131
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 21.675 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

Tgt Ion: 43 Resp: 25208
Ion Ratio Lower Upper
43 100
58 26.7 28.0 42.0#

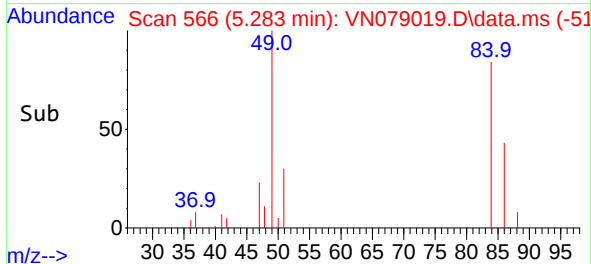
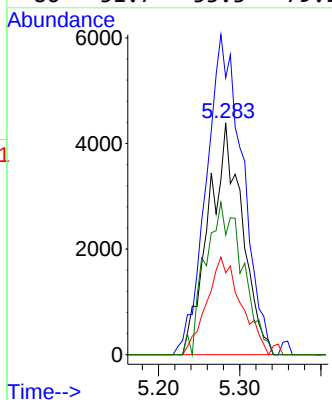
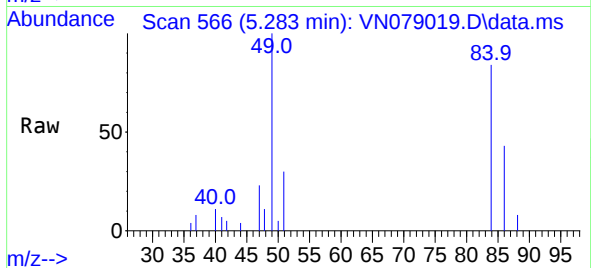




#20
Methylene Chloride
Concen: 5.084 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

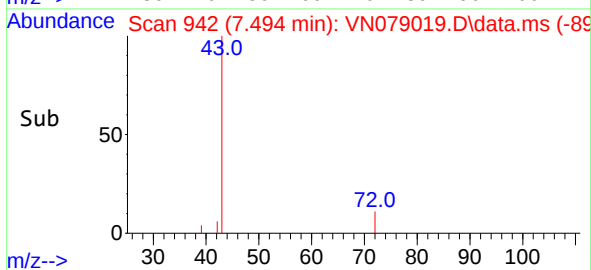
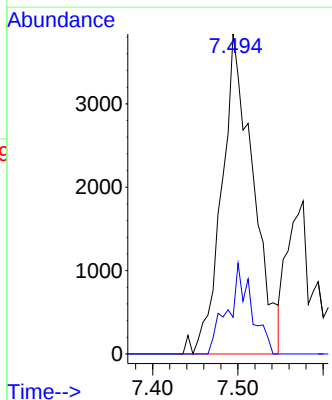
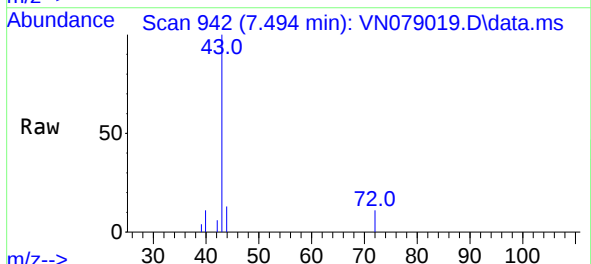
Instrument :
MSVOA_N
ClientSampleId :
TP-G

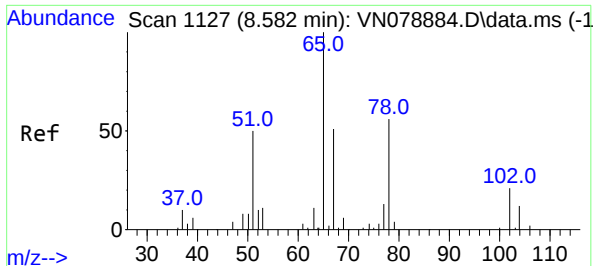
Tgt Ion:	84	Resp:	12599
Ion	Ratio	Lower	Upper
84	100		
49	119.5	79.7	119.5
51	35.3	25.2	37.8
86	51.7	53.3	79.9#



#25
2-Butanone
Concen: 5.286 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

Tgt Ion:	43	Resp:	9856
Ion	Ratio	Lower	Upper
43	100		
72	11.5	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.768 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079019.D

Acq: 23 Aug 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

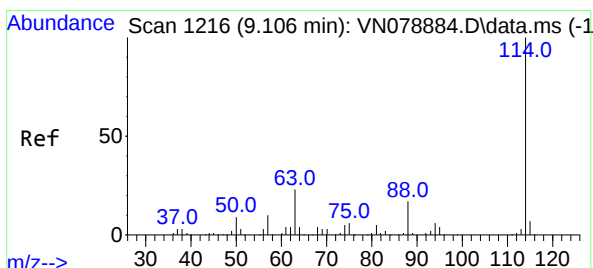
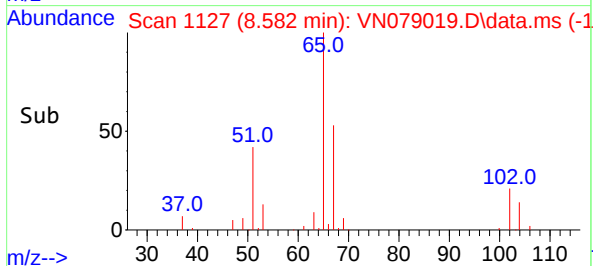
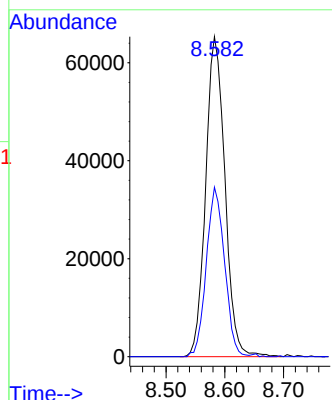
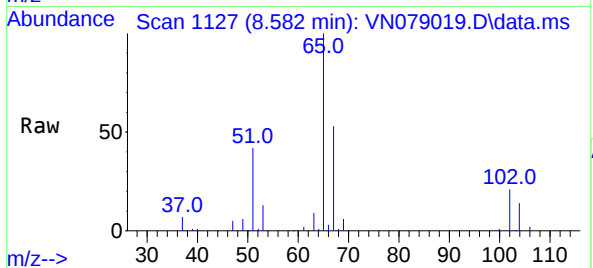
TP-G

Tgt Ion: 65 Resp: 148728

Ion Ratio Lower Upper

65 100

67 50.2 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: VN079019.D

Acq: 23 Aug 2023 16:24

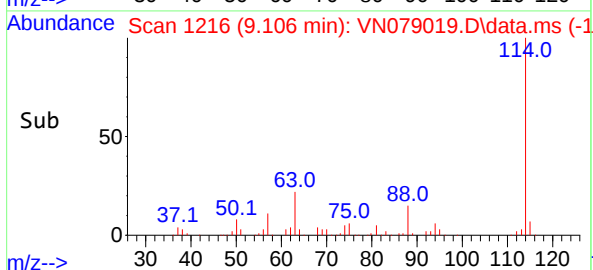
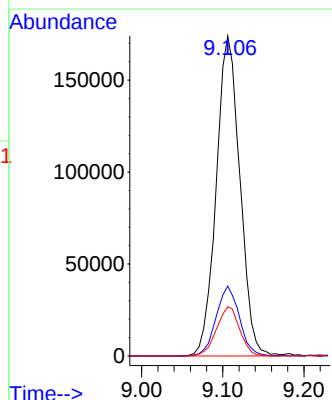
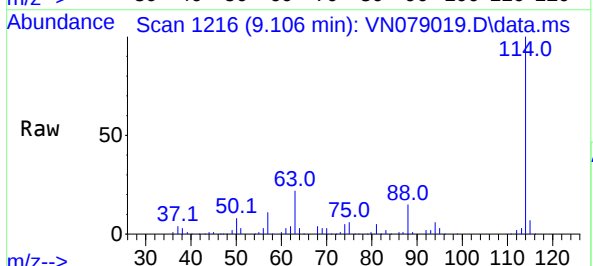
Tgt Ion: 114 Resp: 353116

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 15.4 0.0 30.6

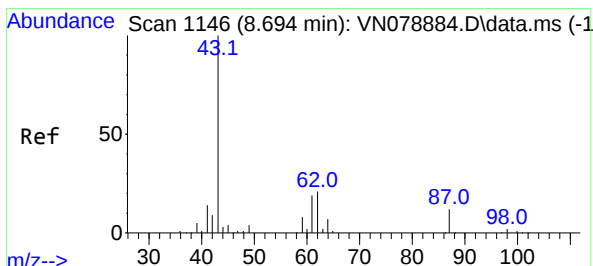
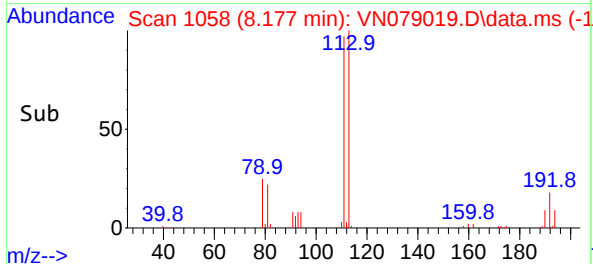
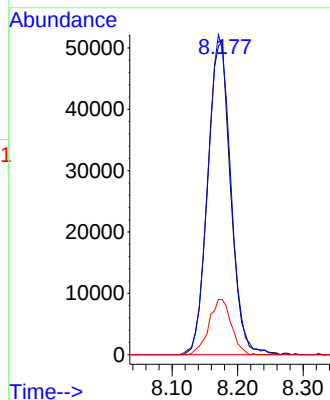
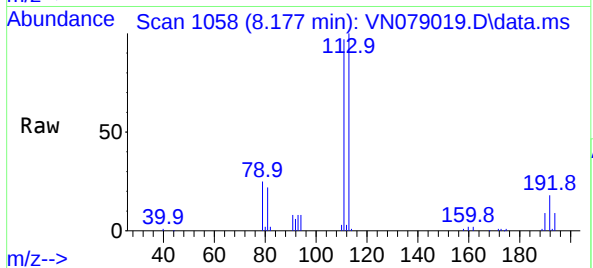




#35
Dibromofluoromethane
Concen: 52.279 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

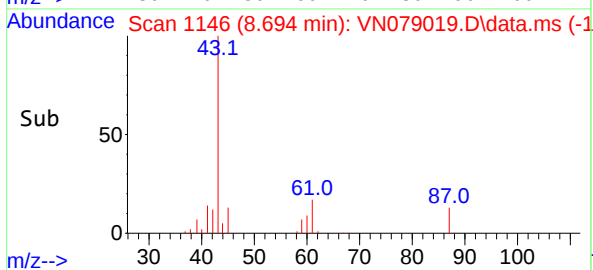
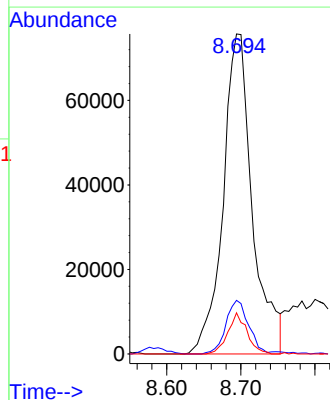
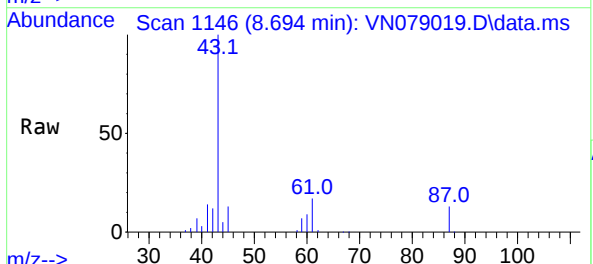
Instrument :
MSVOA_N
ClientSampleId :
TP-G

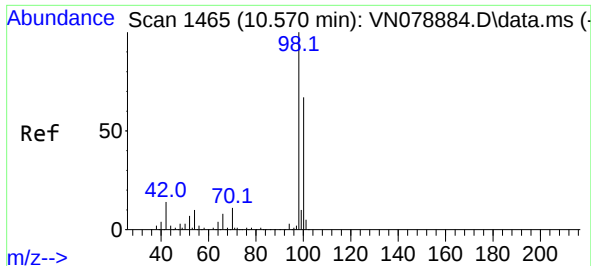
Tgt Ion:113 Resp: 124266
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 17.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 29.367 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

Tgt Ion: 43 Resp: 207657
Ion Ratio Lower Upper
43 100
61 13.1 24.7 37.1#
87 8.4 14.6 21.8#

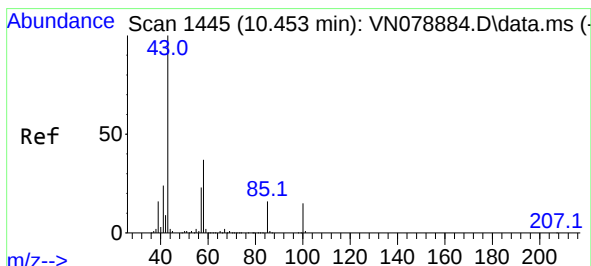
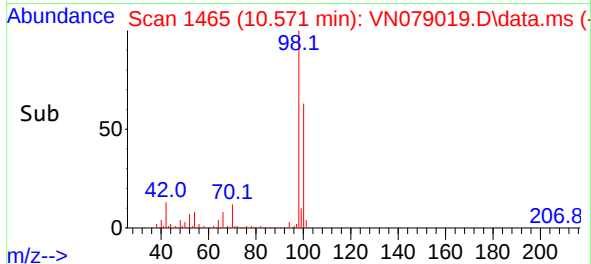
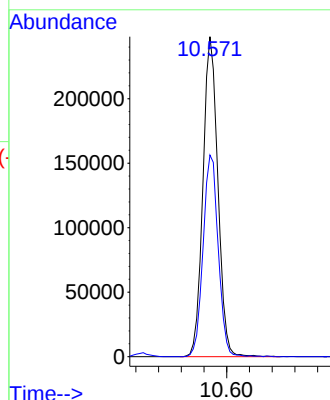
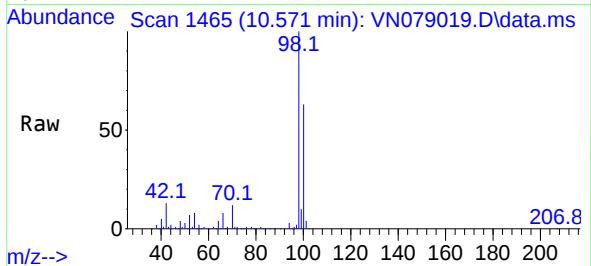




#50
Toluene-d8
Concen: 51.122 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

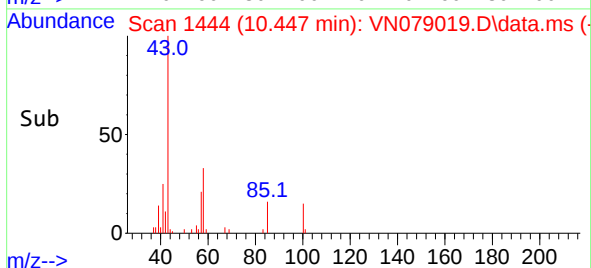
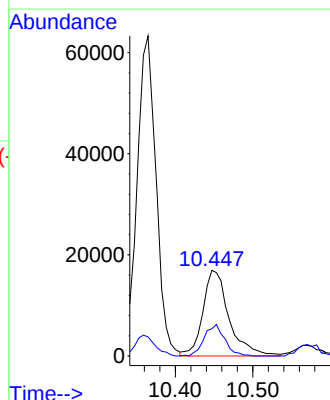
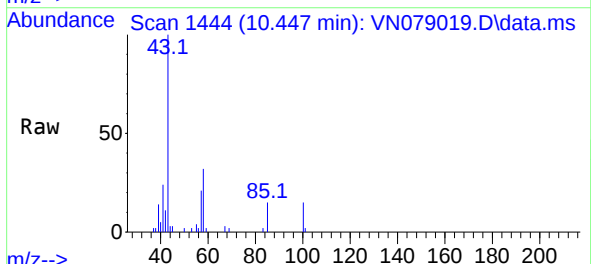
Instrument :
MSVOA_N
ClientSampleId :
TP-G

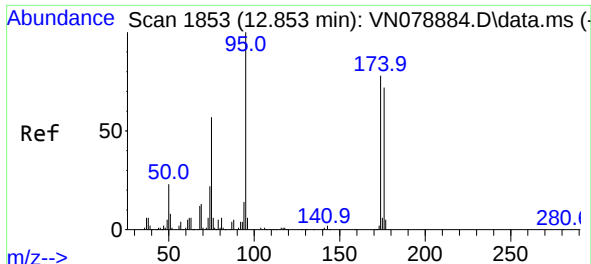
Tgt Ion: 98 Resp: 451198
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.441 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

Tgt Ion: 43 Resp: 39593
Ion Ratio Lower Upper
43 100
58 28.8 36.6 54.8#

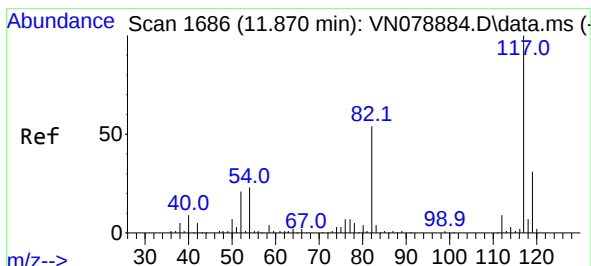
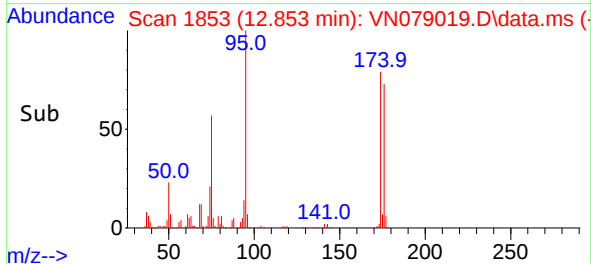
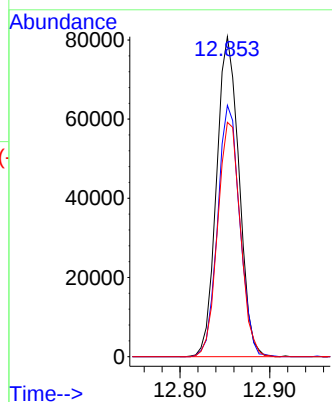
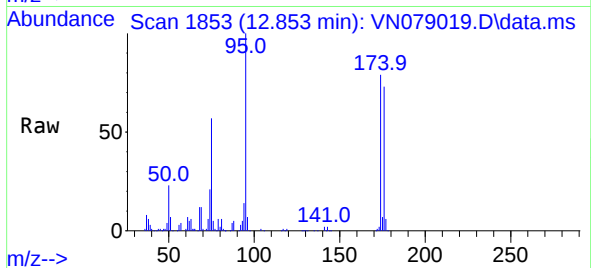




#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

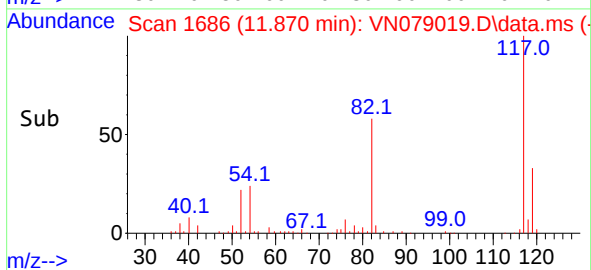
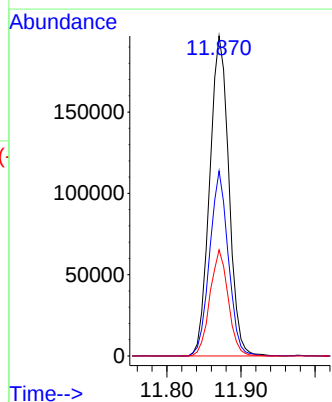
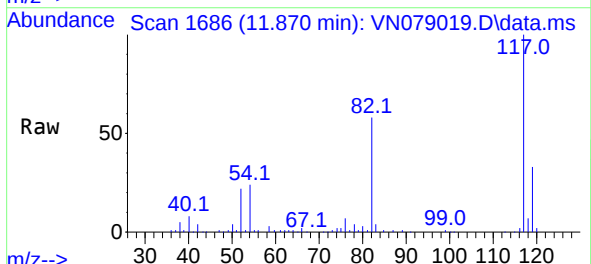
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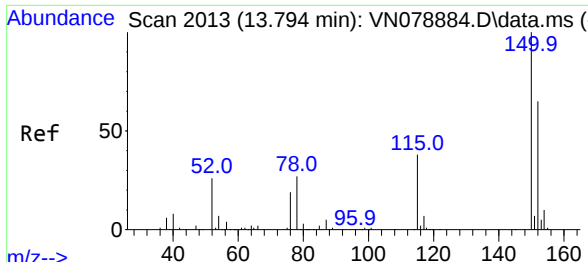
Tgt Ion: 95 Resp: 140562
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079019.D
Acq: 23 Aug 2023 16:24

Tgt Ion: 117 Resp: 353014
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 33.1 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: VN079019.D
 Acq: 23 Aug 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-G

Tgt Ion:	152	Resp:	111528
Ion	Ratio	Lower	Upper
152	100		
115	59.1	32.3	96.8
150	157.8	0.0	355.8

