

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079017.D
 Acq On : 23 Aug 2023 15:36
 Operator : JC\MD
 Sample : 04091-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-E

Quant Time: Aug 24 01:12:32 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)

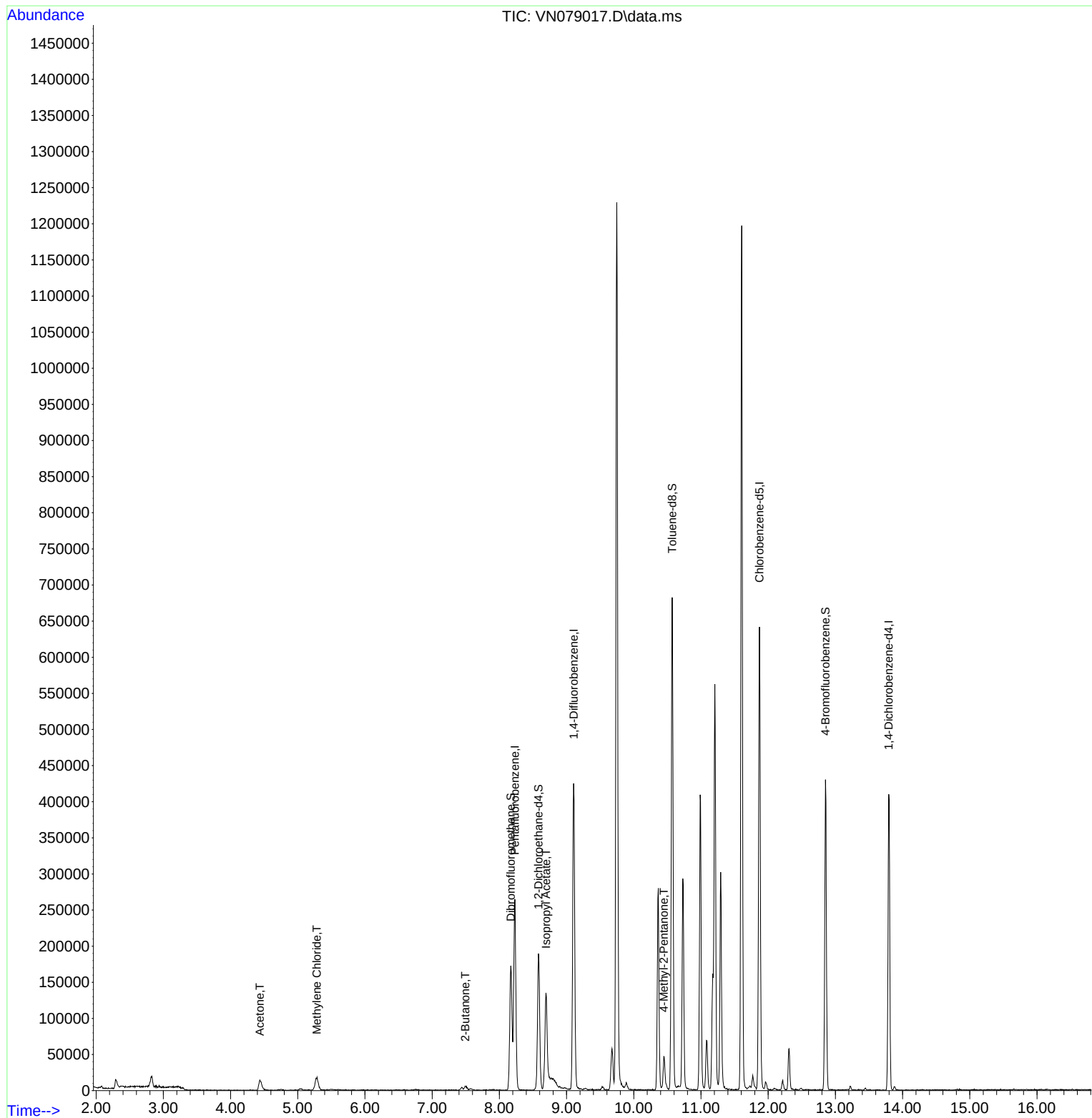
Internal Standards						
1) Pentafluorobenzene	8.229	168	184340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	357916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149993	52.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.580%	
35) Dibromofluoromethane	8.171	113	123431	51.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	10.570	98	450778	50.272	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.853	95	143319	48.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.800%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	27674	23.382	ug/l	92
20) Methylene Chloride	5.283	84	13245	5.251	ug/l #	93
25) 2-Butanone	7.494	43	9831	5.181	ug/l #	63
43) Isopropyl Acetate	8.694	43	168570	23.465	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	36871	8.654	ug/l #	81

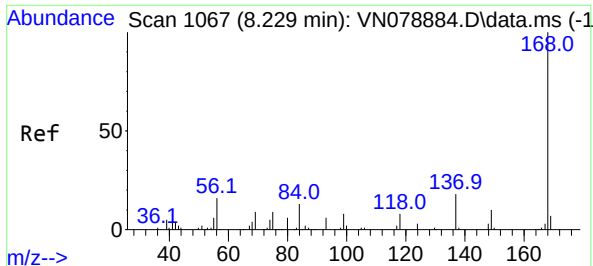
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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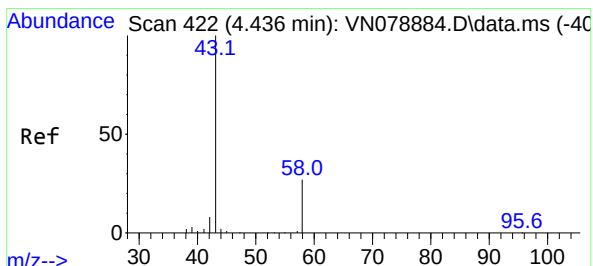
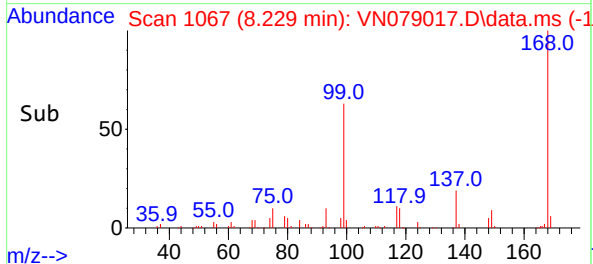
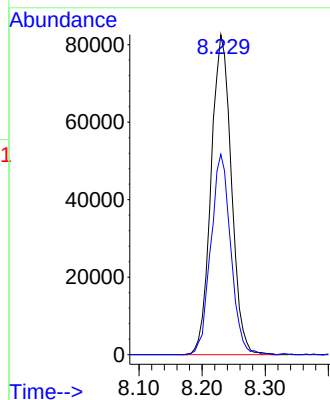
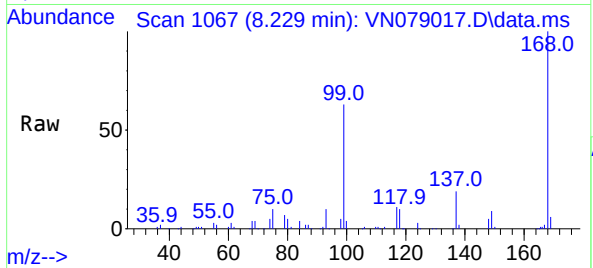




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

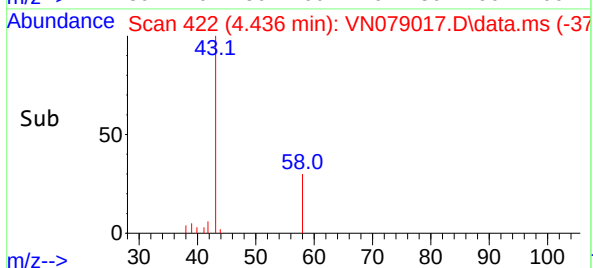
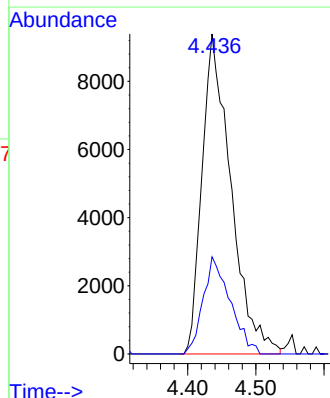
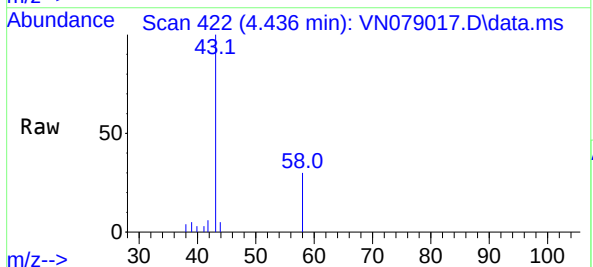
Instrument :
MSVOA_N
ClientSampleId :
TP-E

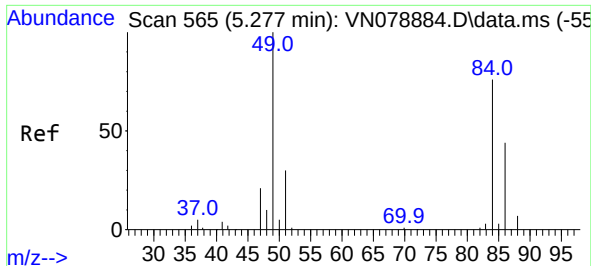
Tgt Ion:168 Resp: 184340
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#16
Acetone
Concen: 23.382 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 43 Resp: 27674
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0

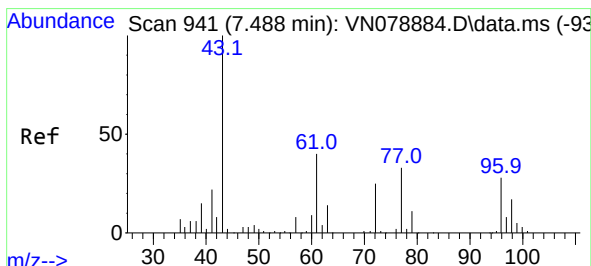
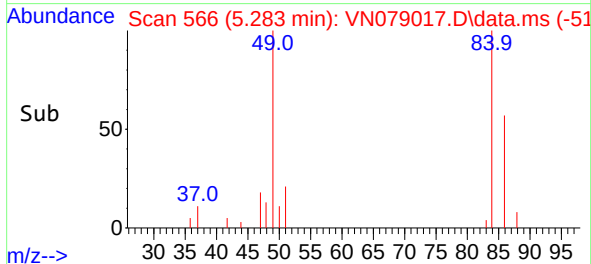
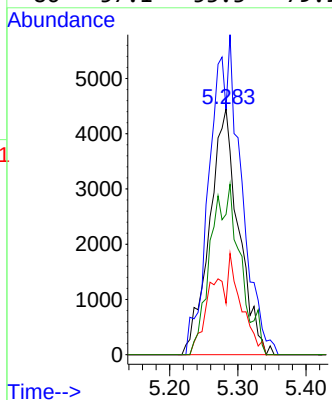
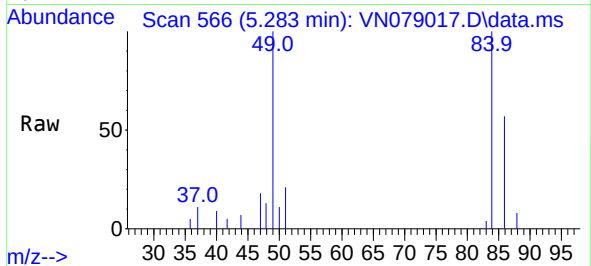




#20
Methylene Chloride
Concen: 5.251 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

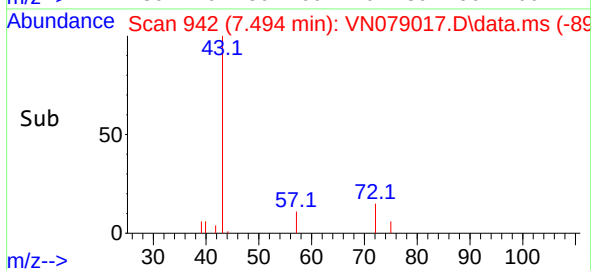
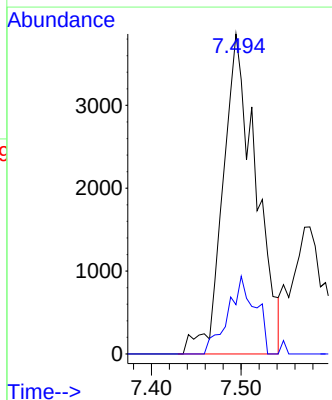
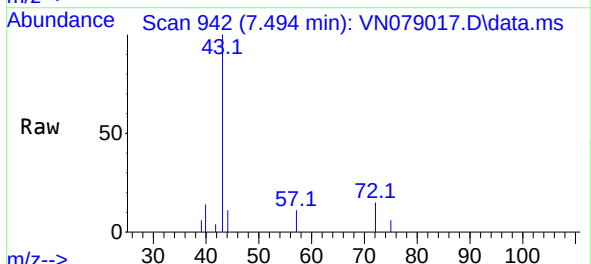
Instrument :
MSVOA_N
ClientSampleId :
TP-E

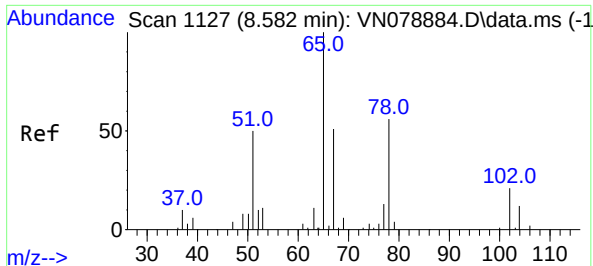
Tgt Ion: 84	Resp: 13245
Ion Ratio	Lower Upper
84 100	
49 99.8	79.7 119.5
51 20.9	25.2 37.8#
86 57.1	53.3 79.9



#25
2-Butanone
Concen: 5.181 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 43	Resp: 9831		
Ion Ratio	Lower	Upper	
43 100			
72 15.4	30.2	45.2#	

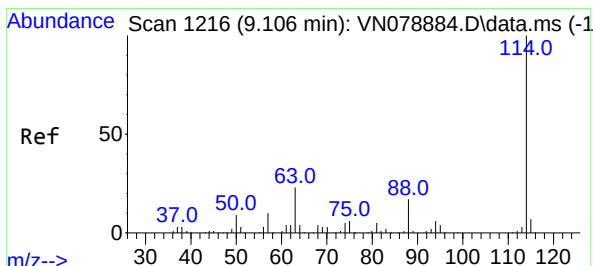
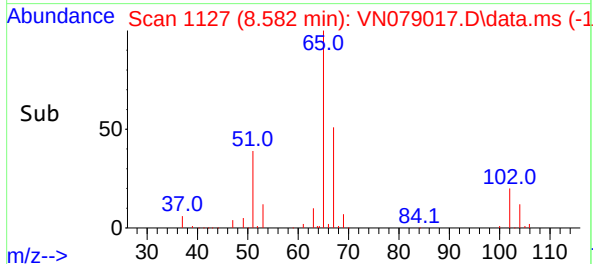
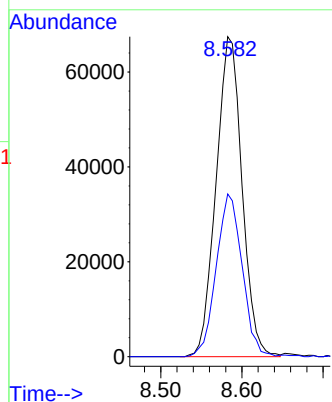
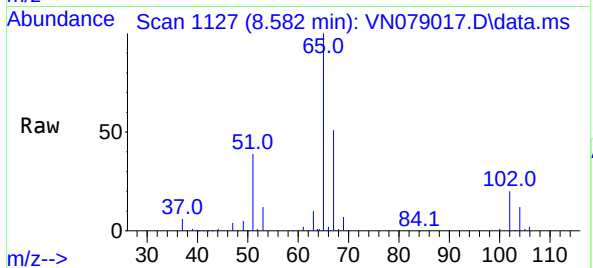




#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

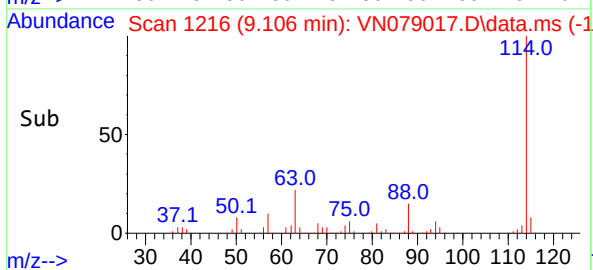
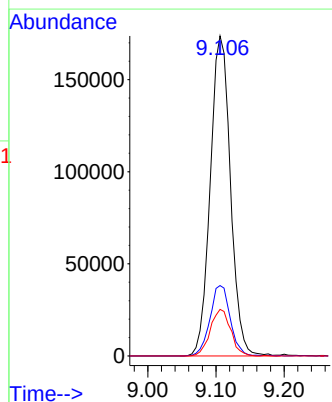
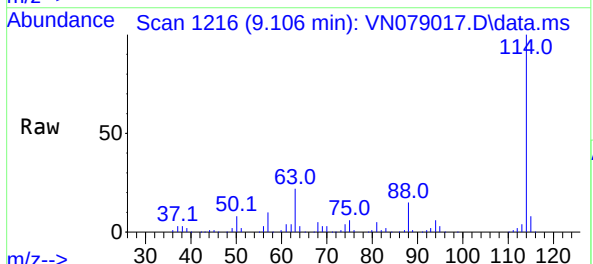
Instrument :
MSVOA_N
ClientSampleId :
TP-E

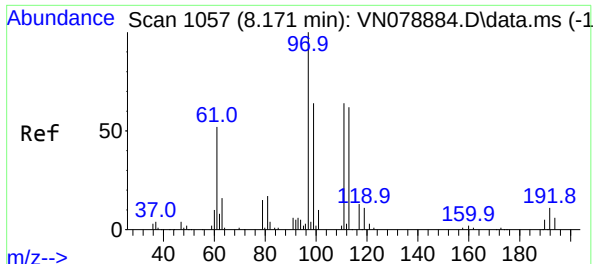
Tgt Ion: 65 Resp: 149993
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 114 Resp: 358750
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 14.6 0.0 30.6

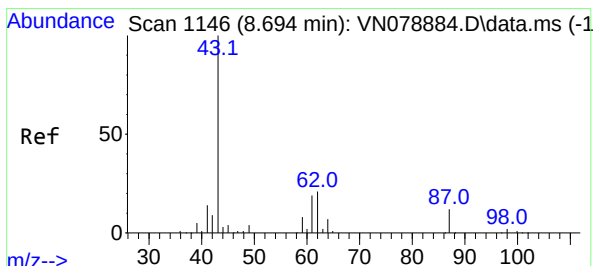
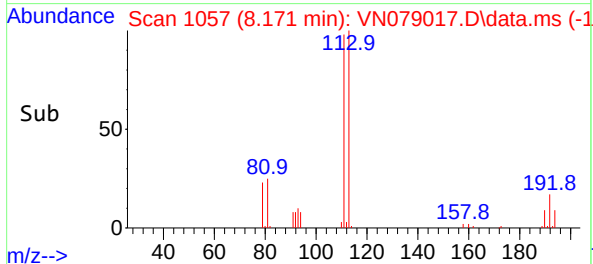
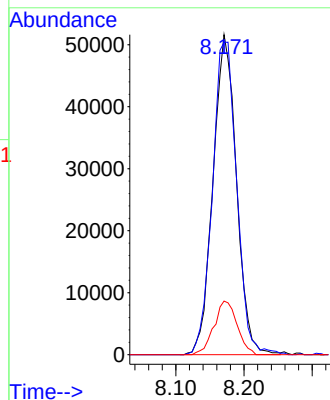
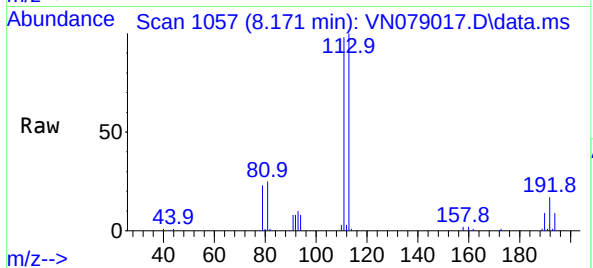




#35
Dibromofluoromethane
Concen: 51.112 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

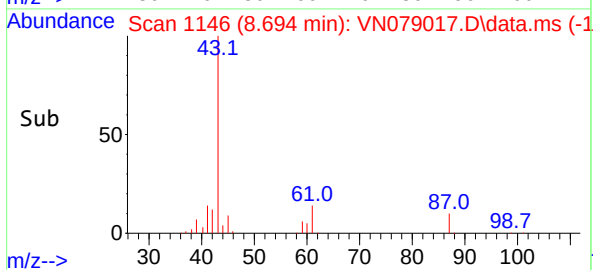
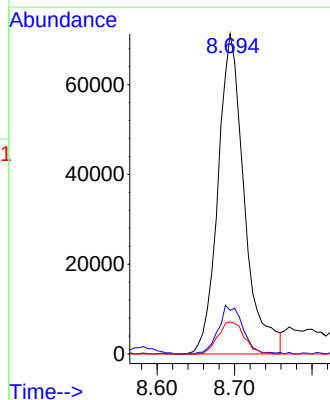
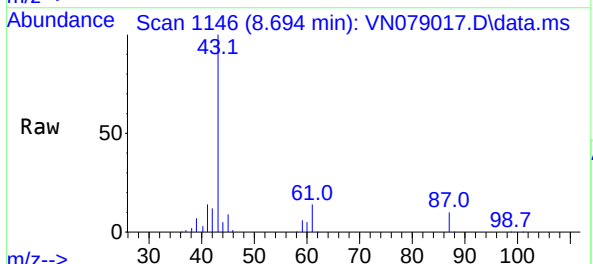
Instrument :
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ClientSampleId :
TP-E

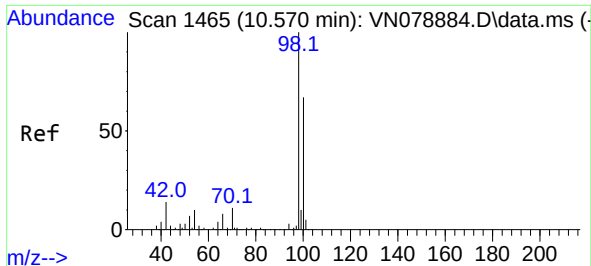
Tgt Ion:113 Resp: 123431
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 16.6 12.7 19.1



#43
Isopropyl Acetate
Concen: 23.465 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 43 Resp: 168570
Ion Ratio Lower Upper
43 100
61 14.1 24.7 37.1#
87 10.0 14.6 21.8#

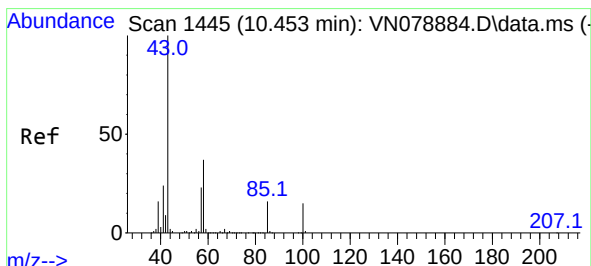
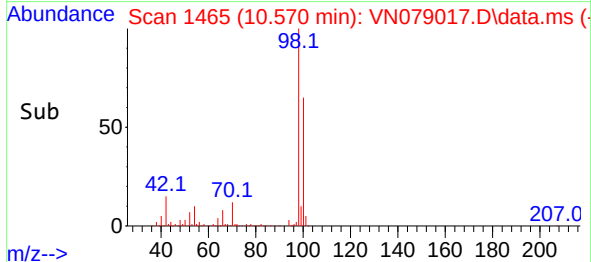
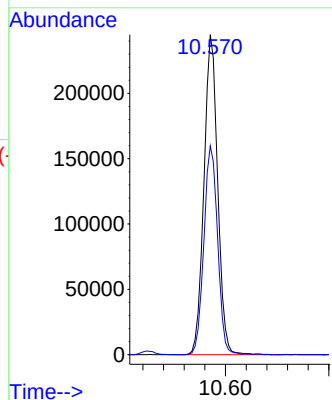
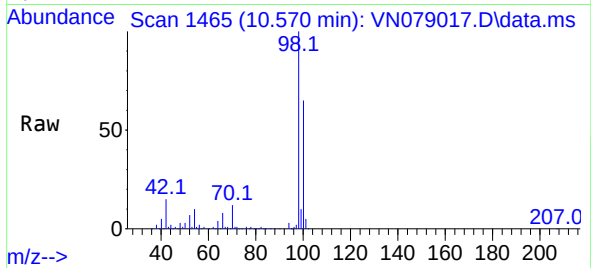




#50
Toluene-d8
Concen: 50.272 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

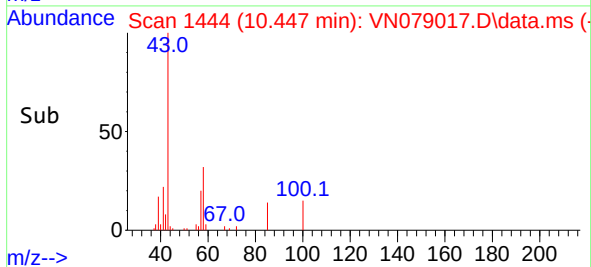
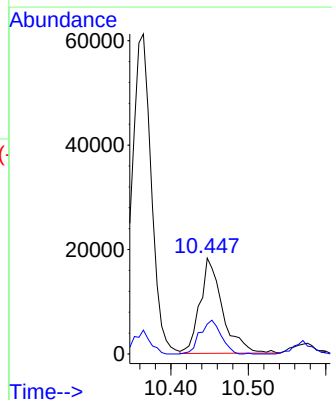
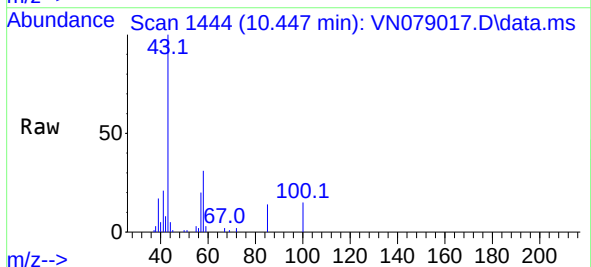
Instrument :
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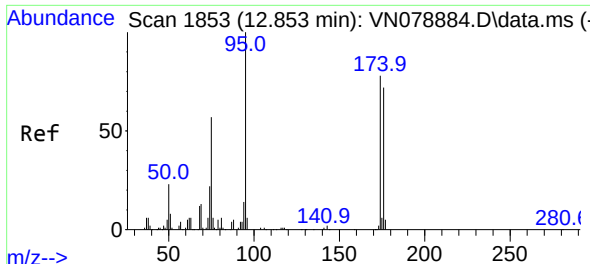
Tgt Ion: 98 Resp: 450778
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.654 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 43 Resp: 36871
Ion Ratio Lower Upper
43 100
58 33.2 36.6 54.8#

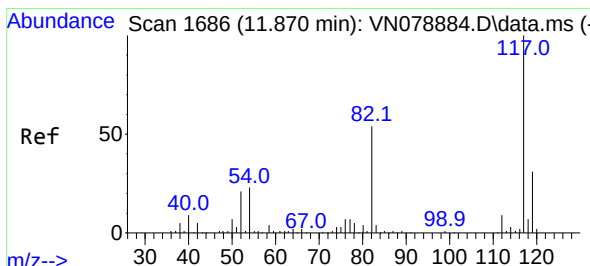
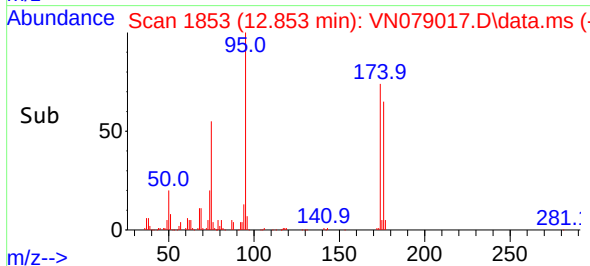
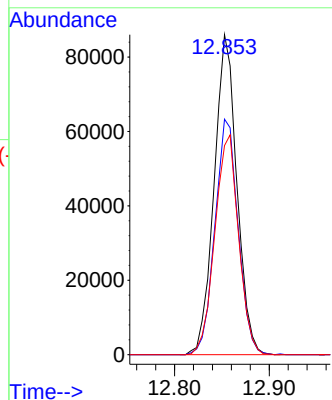
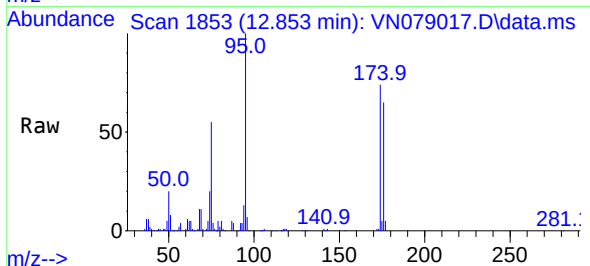




#62
4-Bromofluorobenzene
Concen: 48.900 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

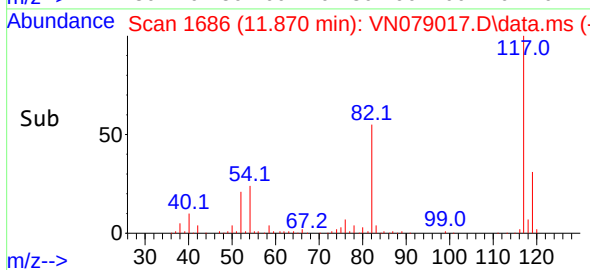
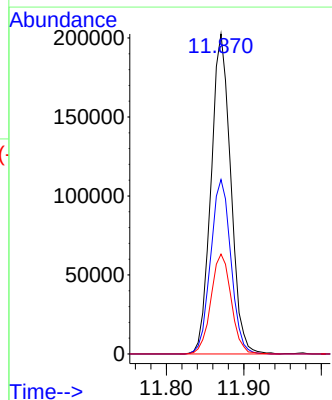
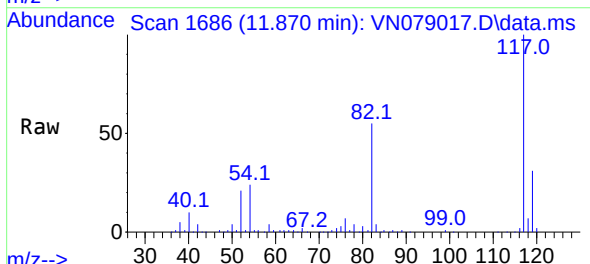
Instrument :
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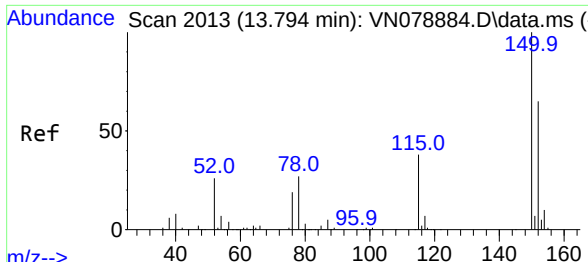
Tgt Ion: 95 Resp: 143319
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079017.D
Acq: 23 Aug 2023 15:36

Tgt Ion: 117 Resp: 357916
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.2 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: VN079017.D
Acq: 23 Aug 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
TP-E

Tgt Ion:152 Resp: 107478
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 159.9 0.0 355.8

