

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079004.D
 Acq On : 22 Aug 2023 19:13
 Operator : JC\MD
 Sample : 04091-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-A

Quant Time: Aug 23 03:07:56 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)

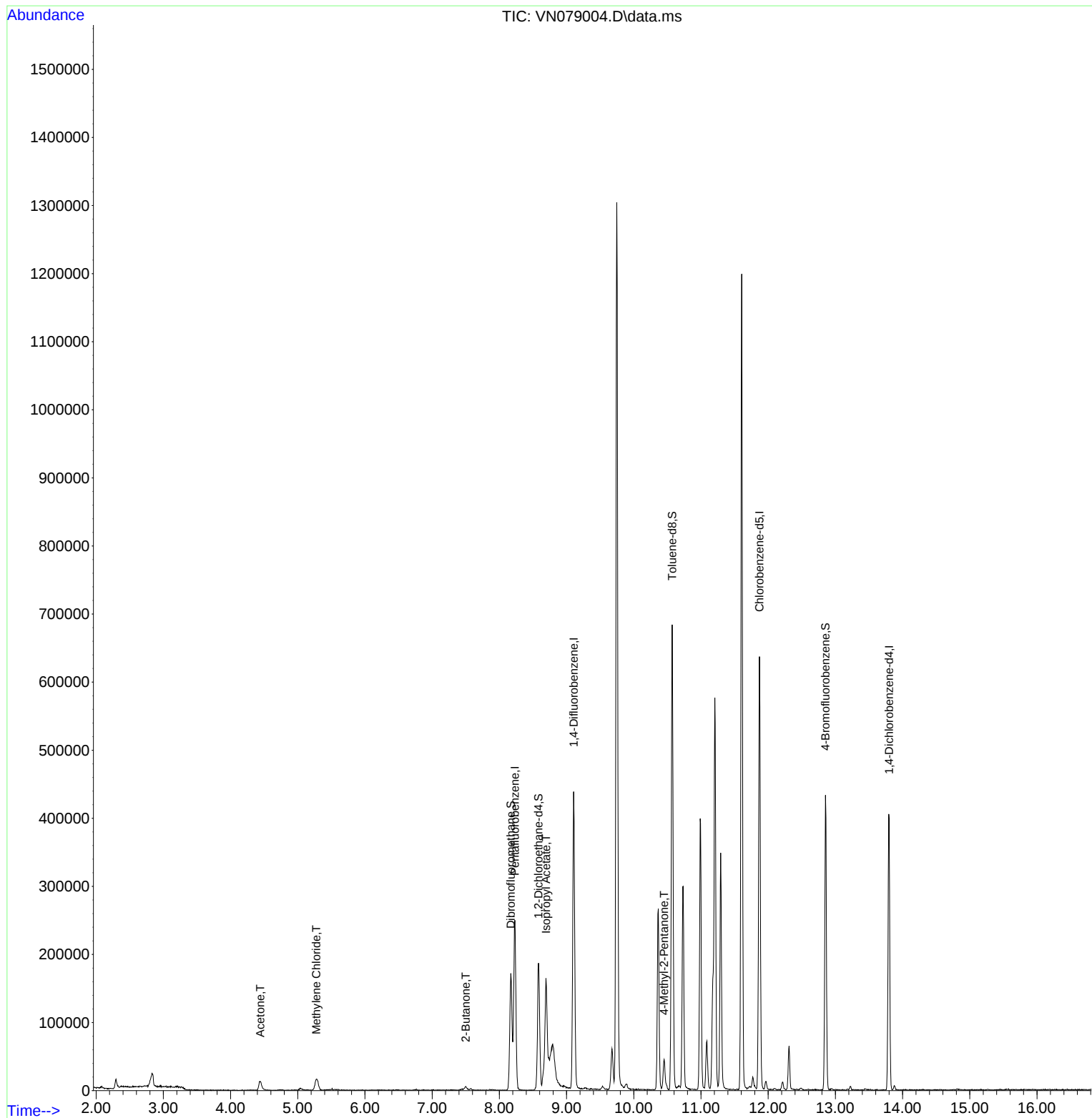
Internal Standards						
1) Pentafluorobenzene	8.229	168	176401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	346692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	105660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146983	53.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.100%	
35) Dibromofluoromethane	8.171	113	121788	50.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	10.571	98	444584	50.138	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.853	95	138514	47.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	26546	23.438	ug/l	92
20) Methylene Chloride	5.277	84	11981	4.964	ug/l #	80
25) 2-Butanone	7.500	43	9101	5.012	ug/l #	80
43) Isopropyl Acetate	8.694	43	214818	30.239	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	37979	9.014	ug/l #	78

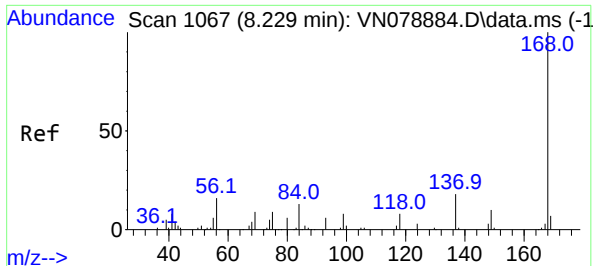
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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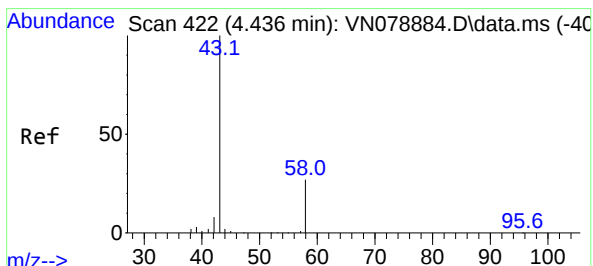
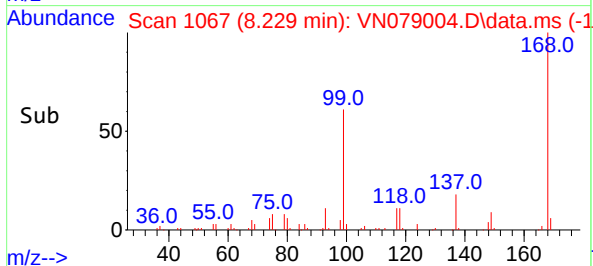
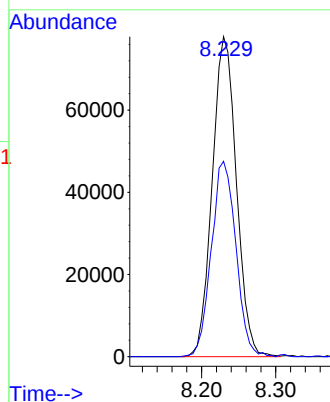
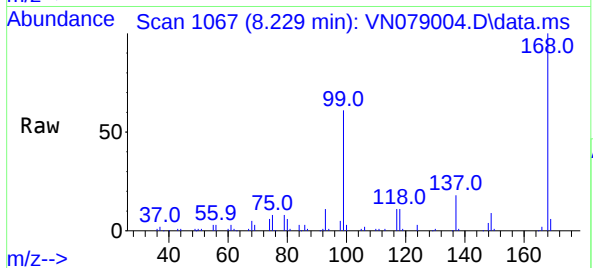




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

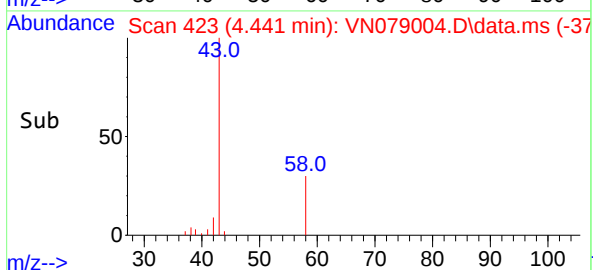
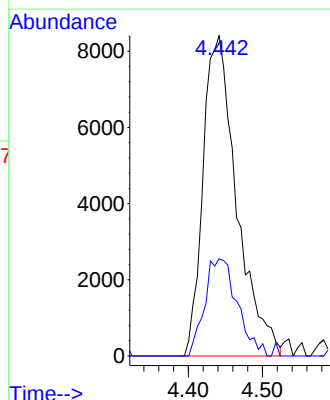
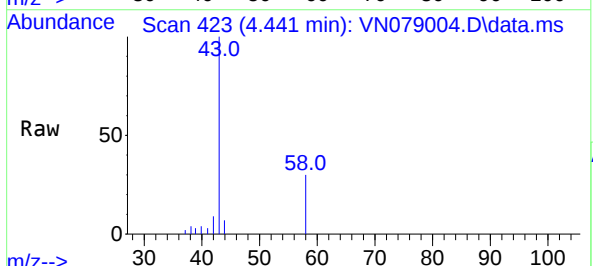
Instrument :
MSVOA_N
ClientSampleId :
TP-A

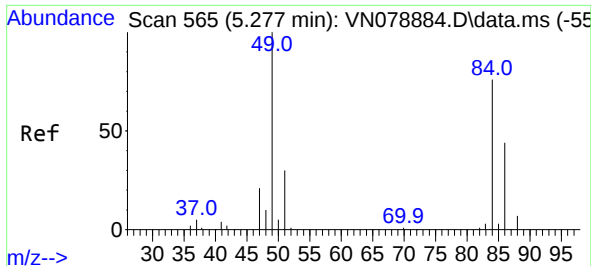
Tgt Ion:168 Resp: 176401
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 23.438 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion: 43 Resp: 26546
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

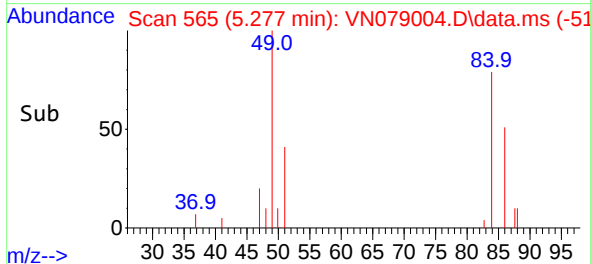
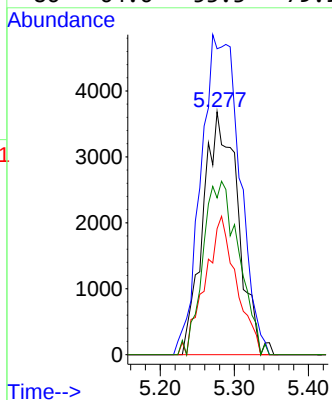
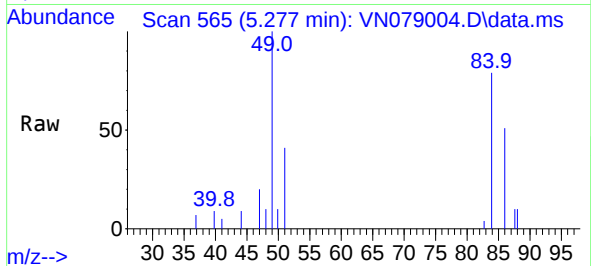




#20
Methylene Chloride
Concen: 4.964 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

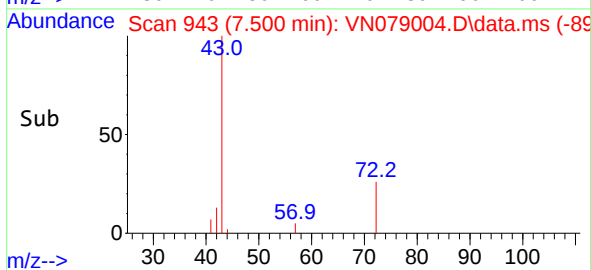
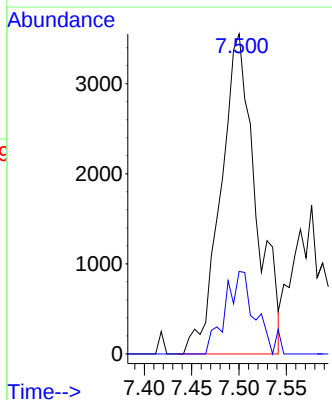
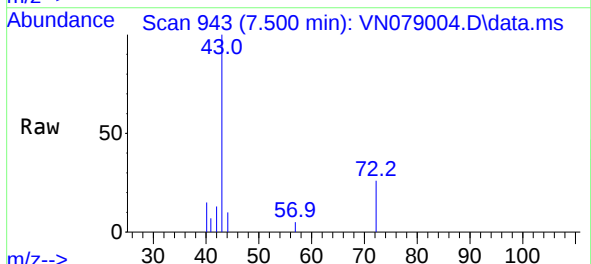
Instrument :
MSVOA_N
ClientSampleId :
TP-A

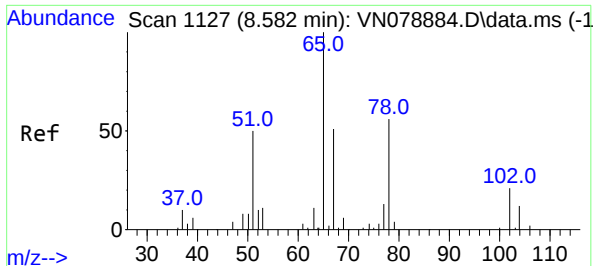
Tgt Ion:	84	Resp:	11981
Ion	Ratio	Lower	Upper
84	100		
49	125.9	79.7	119.5#
51	51.9	25.2	37.8#
86	64.6	53.3	79.9



#25
2-Butanone
Concen: 5.012 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion:	43	Resp:	9101
Ion	Ratio	Lower	Upper
43	100		
72	25.8	30.2	45.2#

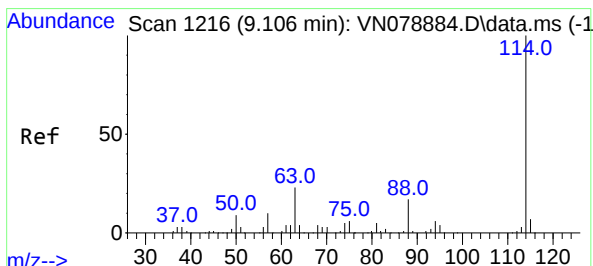
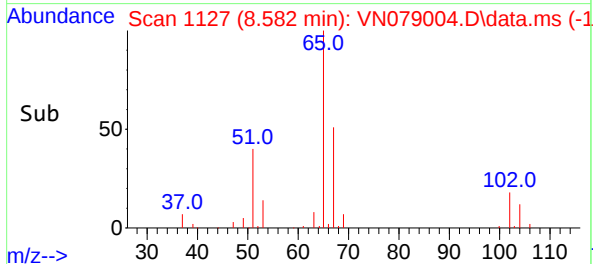
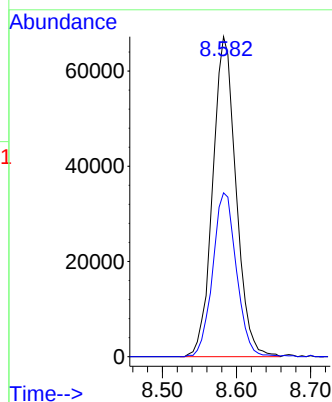
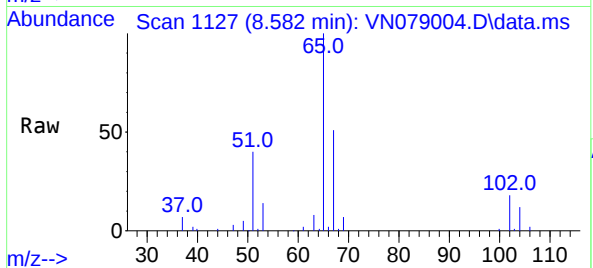




#33
1,2-Dichloroethane-d4
Concen: 53.547 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

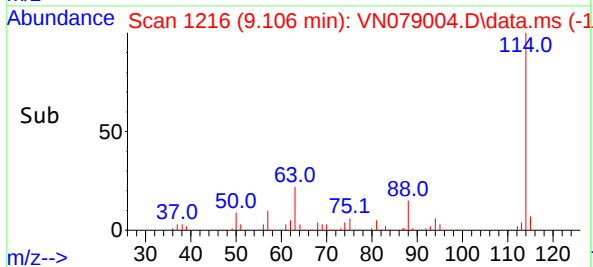
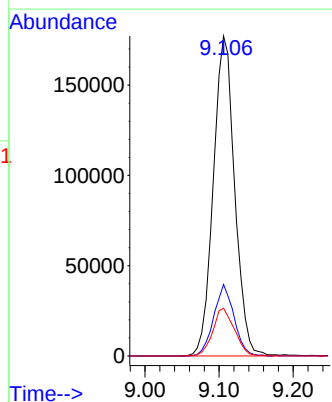
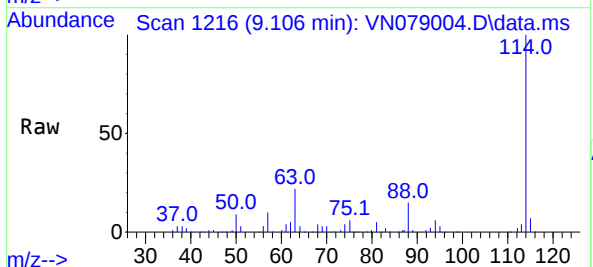
Instrument :
MSVOA_N
ClientSampleId :
TP-A

Tgt Ion: 65 Resp: 146983
Ion Ratio Lower Upper
65 100
67 52.0 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: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion: 114 Resp: 354768
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.4
88 14.9 0.0 30.6

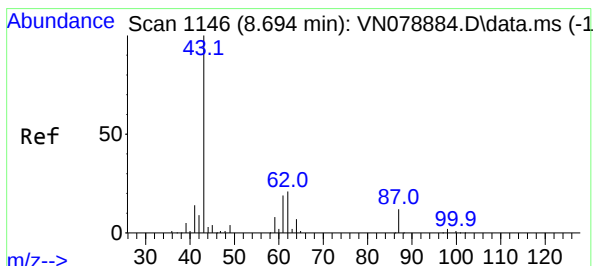
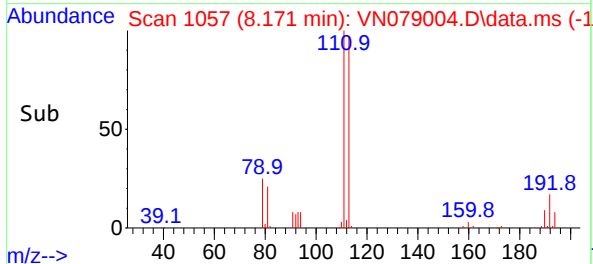
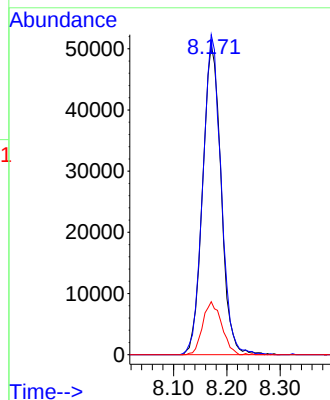
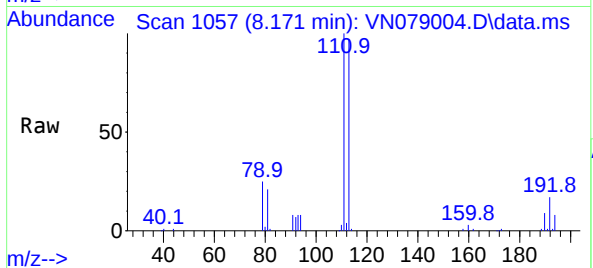




#35
Dibromofluoromethane
Concen: 50.998 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

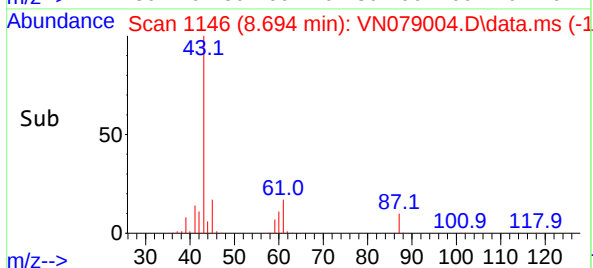
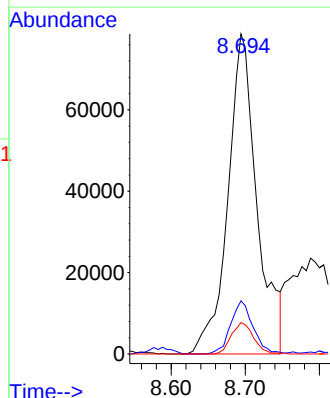
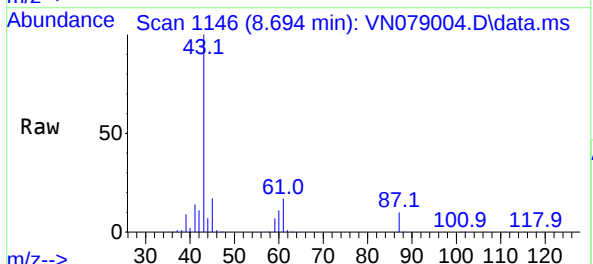
Instrument :
MSVOA_N
ClientSampleId :
TP-A

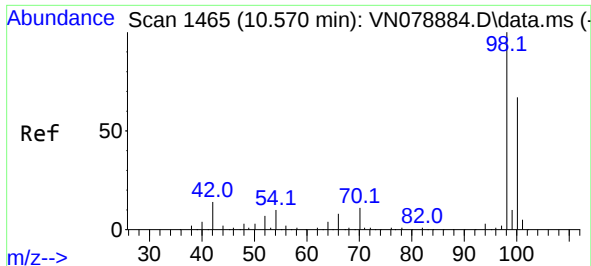
Tgt Ion:113 Resp: 121788
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.5 12.7 19.1



#43
Isopropyl Acetate
Concen: 30.239 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion: 43 Resp: 214818
Ion Ratio Lower Upper
43 100
61 12.8 24.7 37.1#
87 7.5 14.6 21.8#

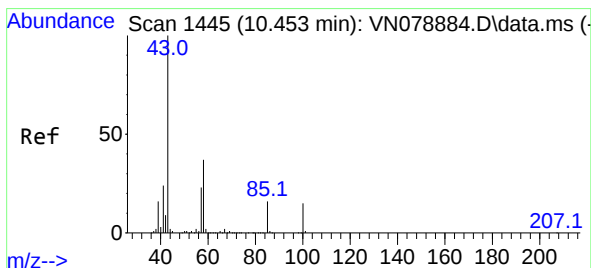
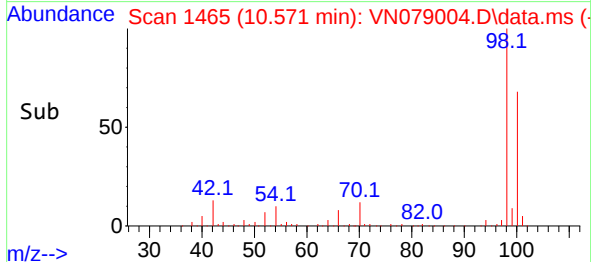
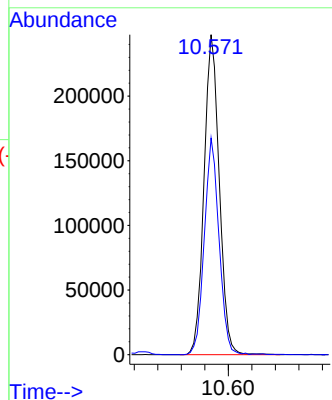
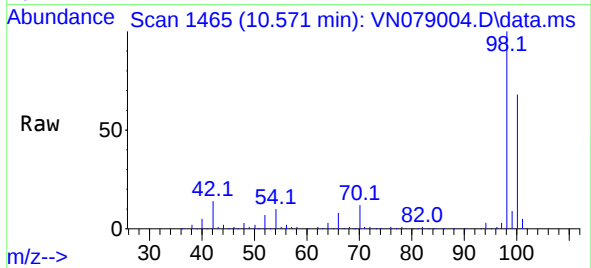




#50
Toluene-d8
Concen: 50.138 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

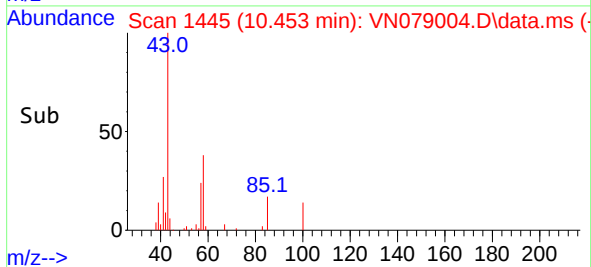
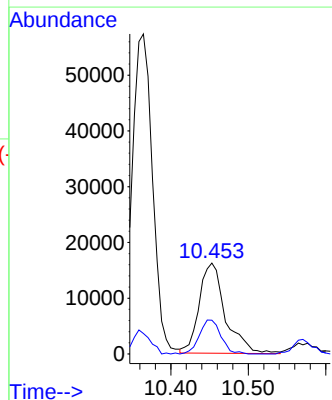
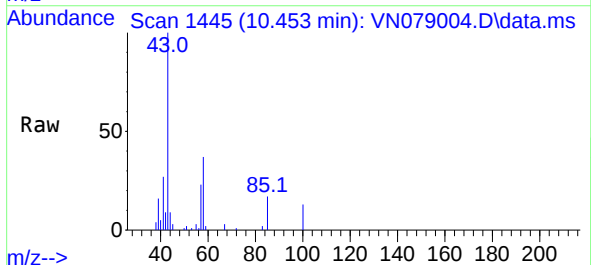
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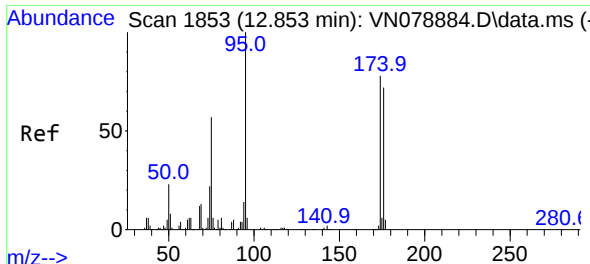
Tgt Ion: 98 Resp: 444584
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.014 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion: 43 Resp: 37979
Ion Ratio Lower Upper
43 100
58 31.1 36.6 54.8#

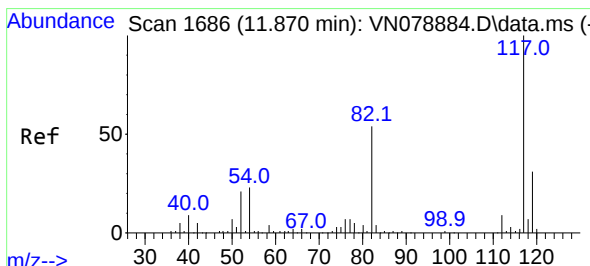
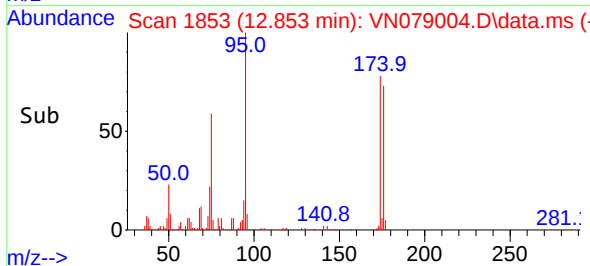
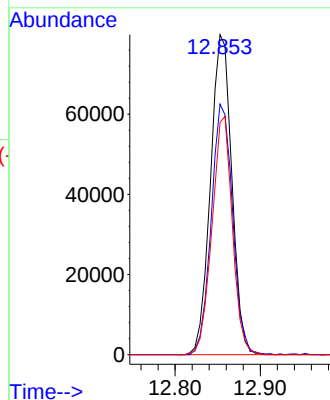
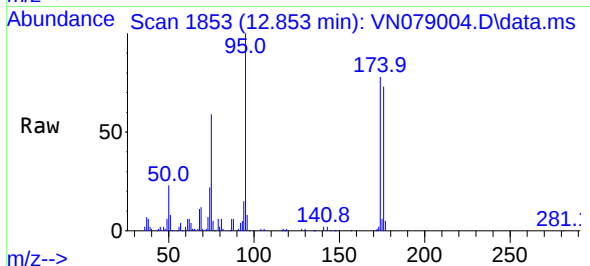




#62
4-Bromofluorobenzene
Concen: 47.791 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

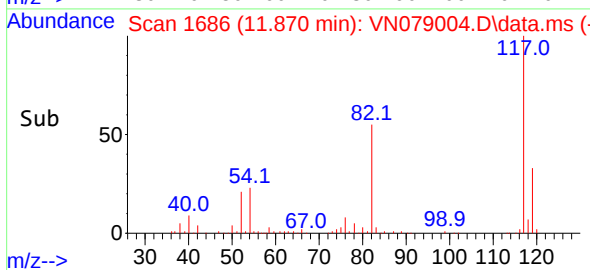
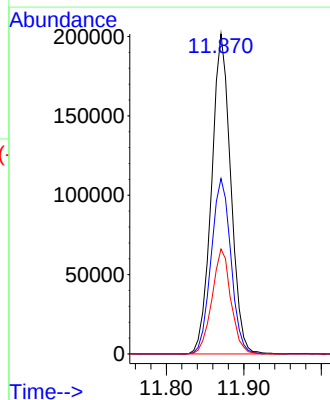
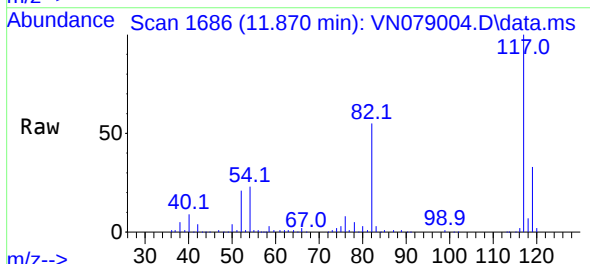
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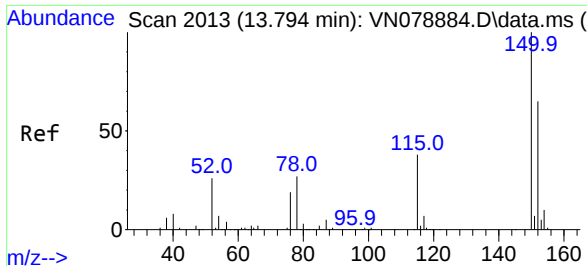
Tgt Ion: 95 Resp: 138514
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079004.D
Acq: 22 Aug 2023 19:13

Tgt Ion: 117 Resp: 346692
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 32.8 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: VN079004.D
 Acq: 22 Aug 2023 19:13

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-A

Tgt Ion:152 Resp: 105660
 Ion Ratio Lower Upper
 152 100
 115 59.0 32.3 96.8
 150 161.1 0.0 355.8

