

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079003.D
 Acq On : 22 Aug 2023 18:49
 Operator : JC\MD
 Sample : 04090-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-N

Quant Time: Aug 23 03:07:29 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)

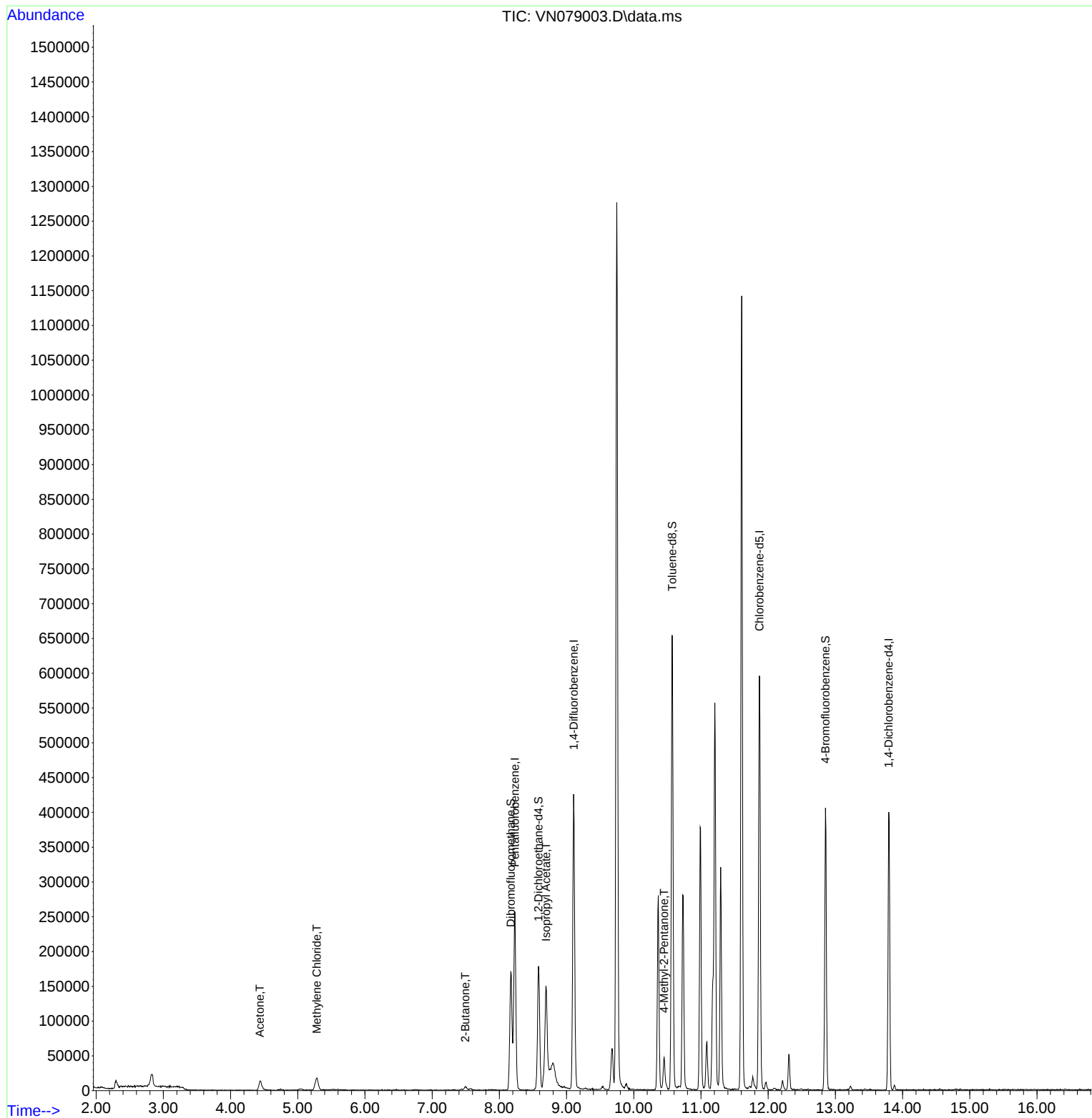
Internal Standards						
1) Pentafluorobenzene	8.230	168	174973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	335954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142188	52.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.440%	
35) Dibromofluoromethane	8.171	113	121631	52.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	10.571	98	430088	49.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.853	95	129493	46.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	26167	23.292	ug/l #	79
20) Methylene Chloride	5.283	84	13484	5.632	ug/l #	77
25) 2-Butanone	7.494	43	9244	5.132	ug/l	99
43) Isopropyl Acetate	8.694	43	187848	27.233	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	38927	9.515	ug/l #	80

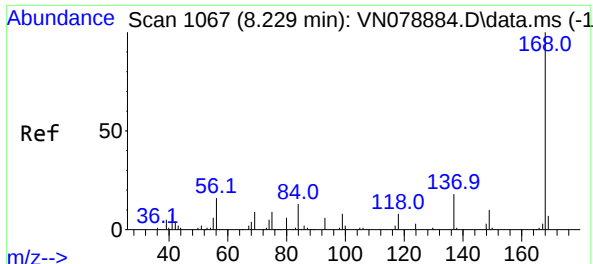
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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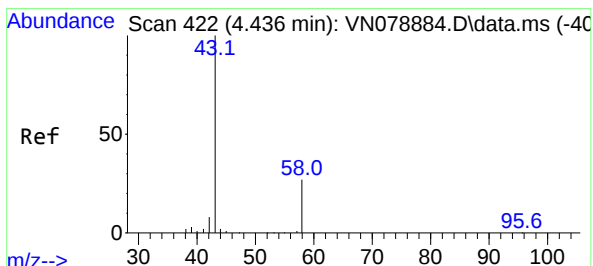
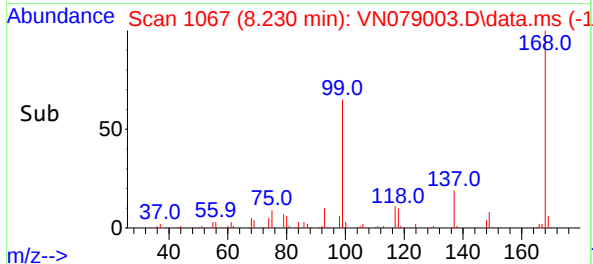
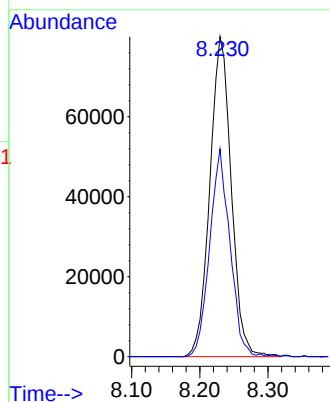
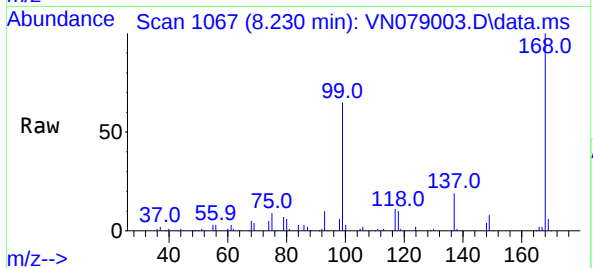




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

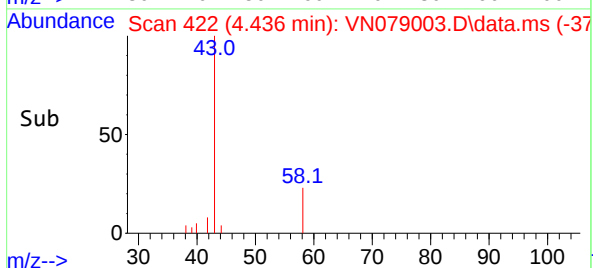
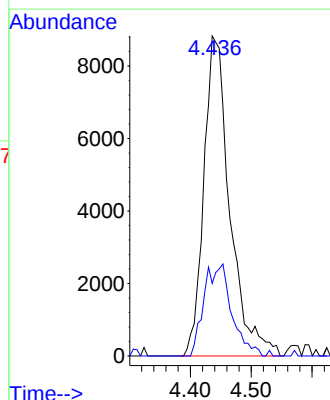
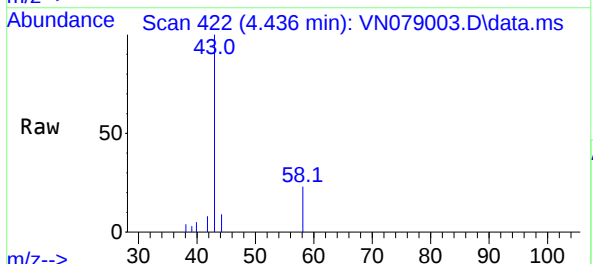
Instrument :
MSVOA_N
ClientSampleId :
TP-N

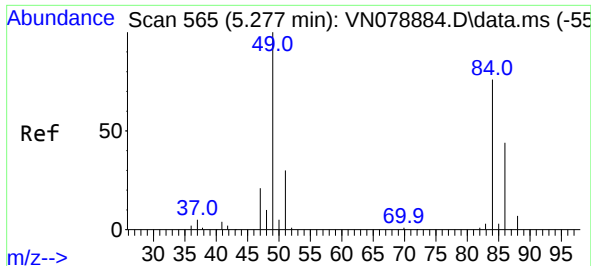
Tgt Ion:168 Resp: 174973
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#16
Acetone
Concen: 23.292 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion: 43 Resp: 26167
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#

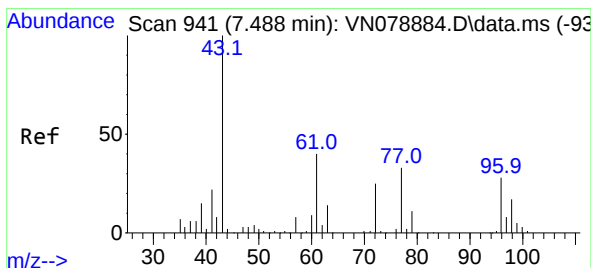
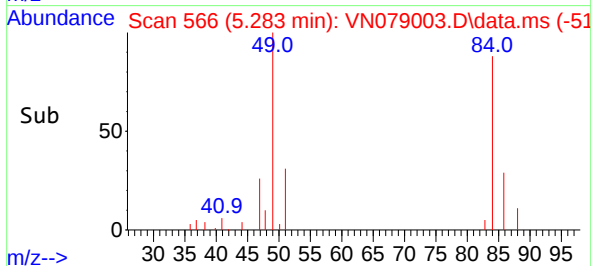
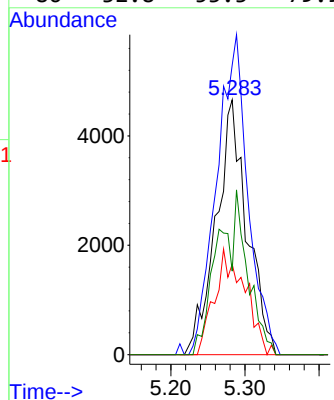
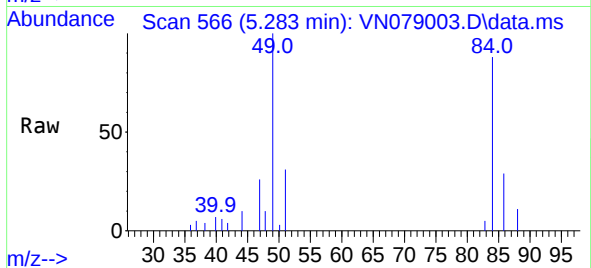




#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

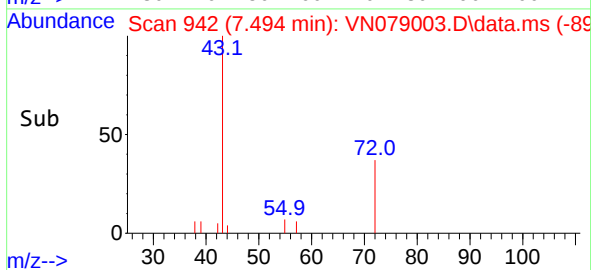
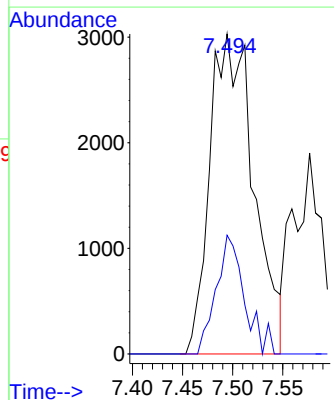
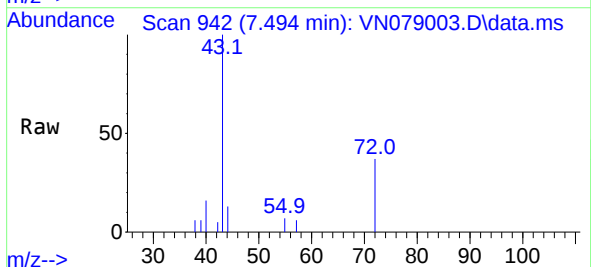
Instrument :
MSVOA_N
ClientSampleId :
TP-N

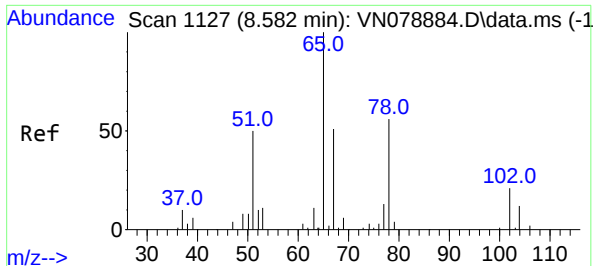
Tgt Ion:	84	Resp:	13484
Ion	Ratio	Lower	Upper
84	100		
49	113.7	79.7	119.5
51	35.6	25.2	37.8
86	32.8	53.3	79.9



#25
2-Butanone
Concen: 5.132 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion:	43	Resp:	9244
Ion	Ratio	Lower	Upper
43	100		
72	37.1	30.2	45.2

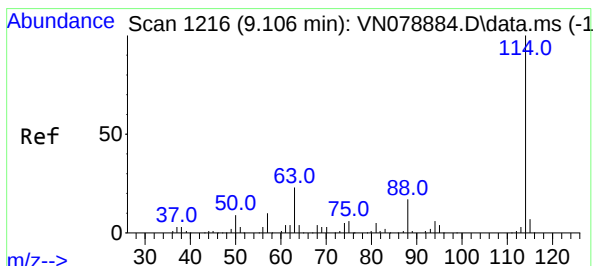
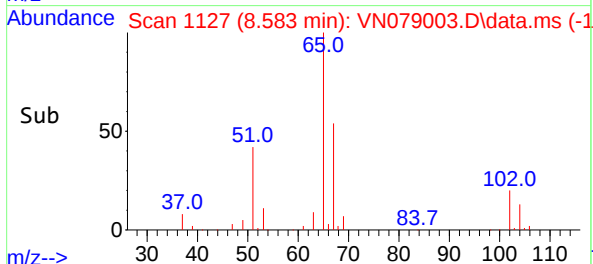
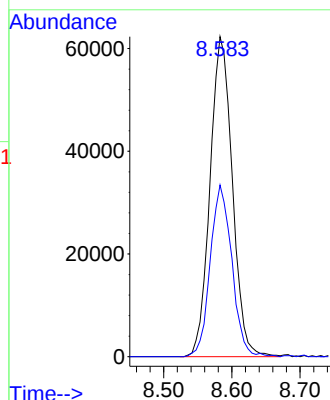
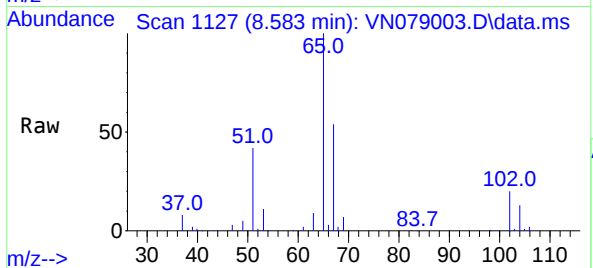




#33
1,2-Dichloroethane-d4
Concen: 52.223 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

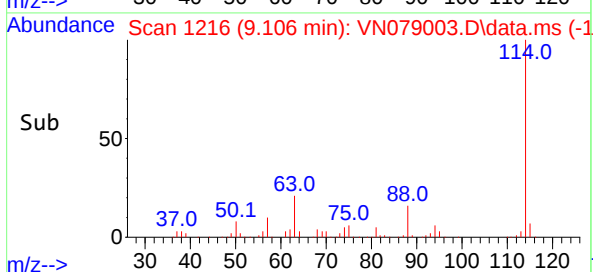
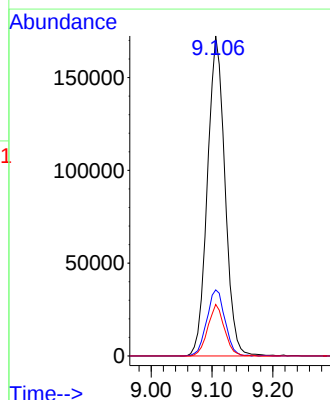
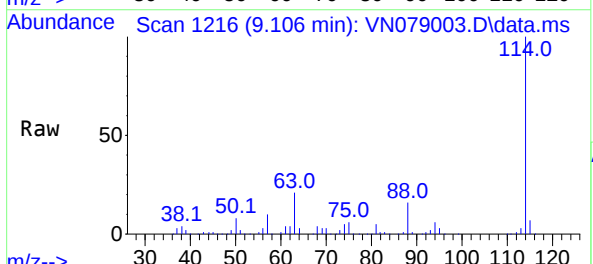
Instrument :
MSVOA_N
ClientSampleId :
TP-N

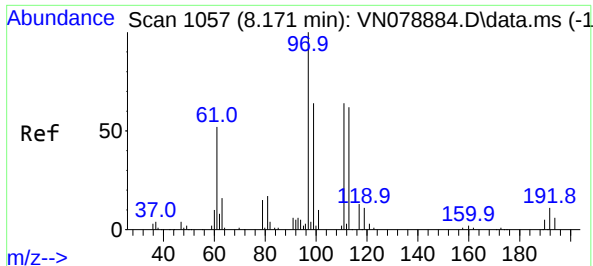
Tgt Ion: 65 Resp: 142188
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion: 114 Resp: 344467
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 16.1 0.0 30.6

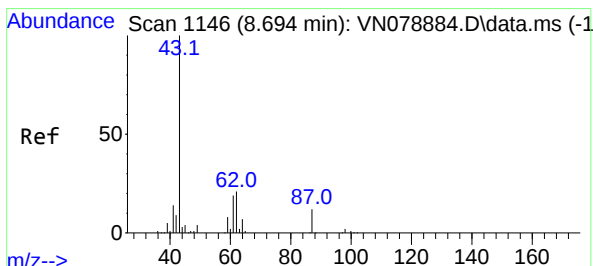
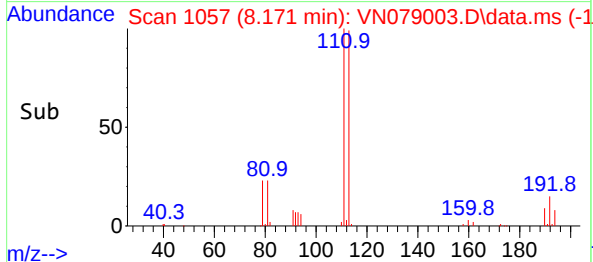
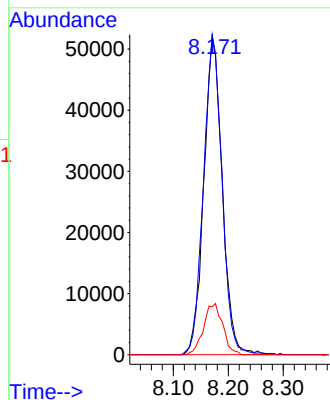
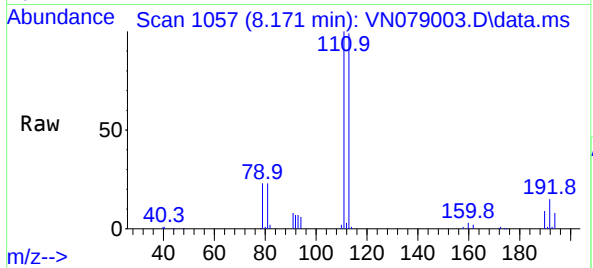




#35
Dibromofluoromethane
Concen: 52.455 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

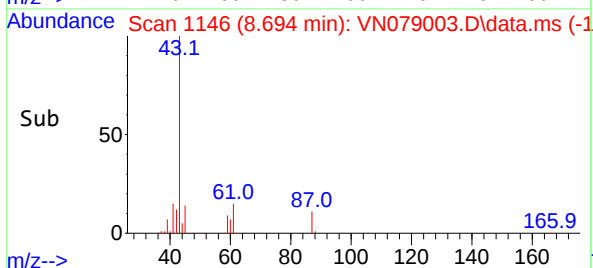
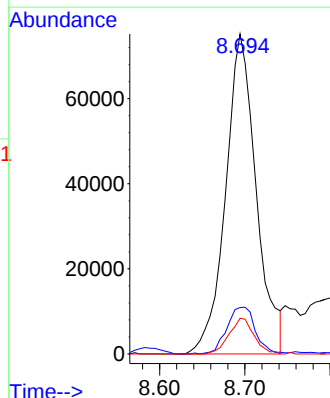
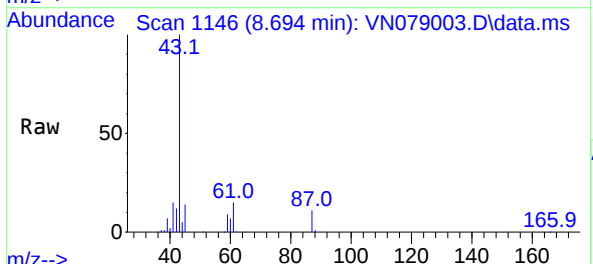
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MSVOA_N
ClientSampleId :
TP-N

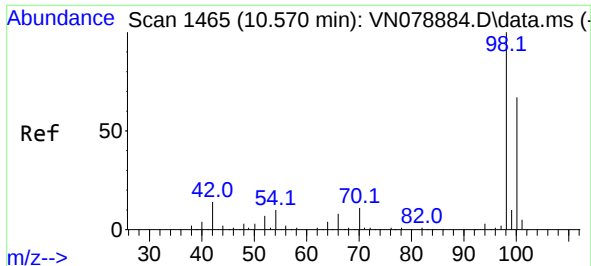
Tgt Ion:113 Resp: 121631
Ion Ratio Lower Upper
113 100
111 100.4 82.6 123.8
192 16.7 12.7 19.1



#43
Isopropyl Acetate
Concen: 27.233 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion: 43 Resp: 187848
Ion Ratio Lower Upper
43 100
61 13.7 24.7 37.1#
87 9.1 14.6 21.8#

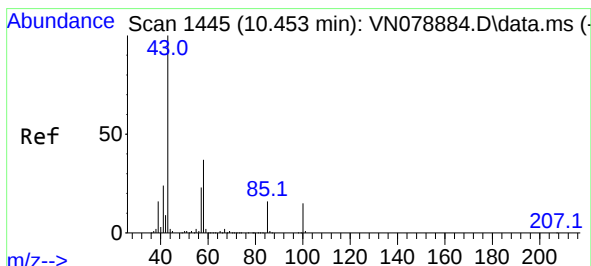
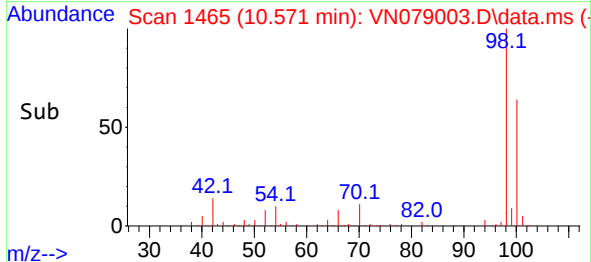
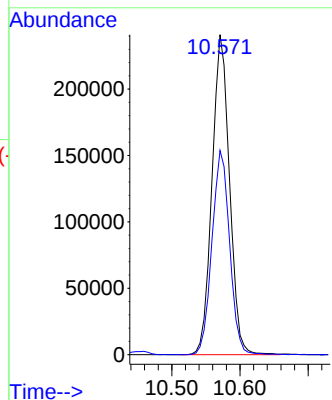
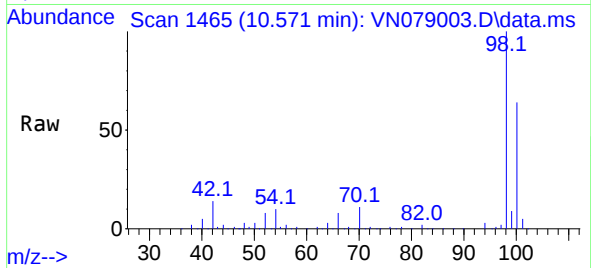




#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

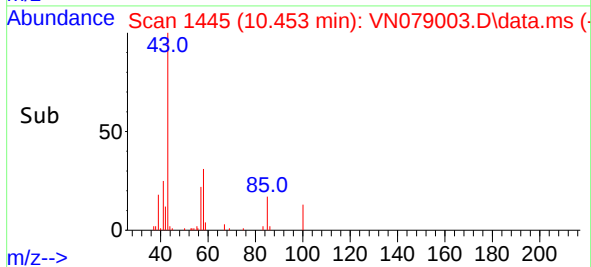
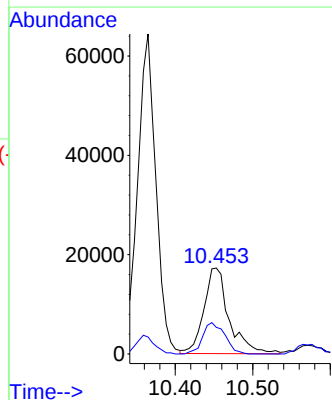
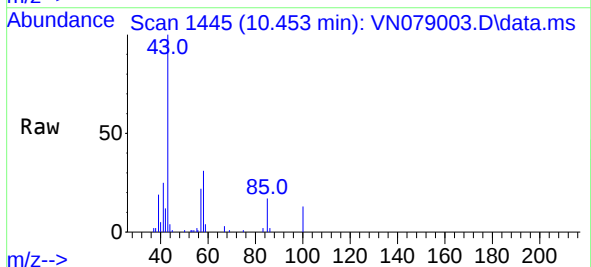
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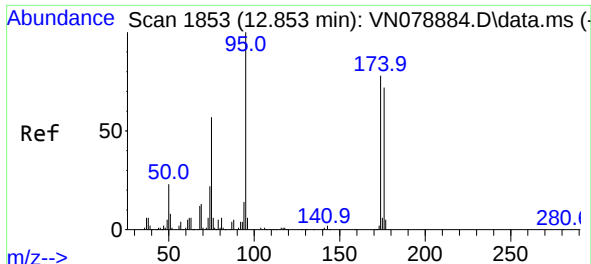
Tgt Ion: 98 Resp: 430088
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.515 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion: 43 Resp: 38927
Ion Ratio Lower Upper
43 100
58 32.3 36.6 54.8#

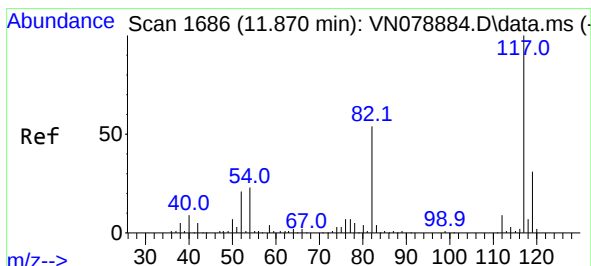
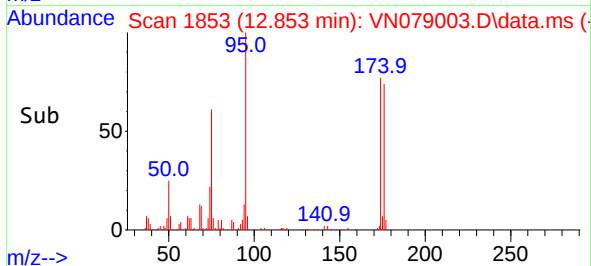
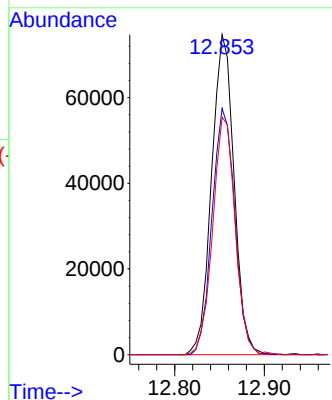
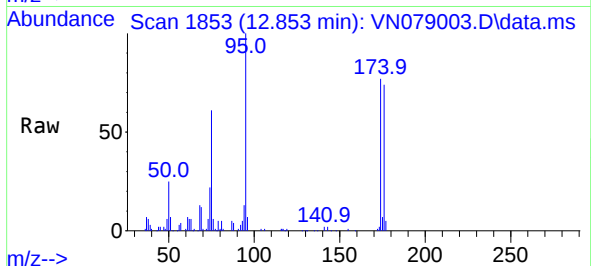




#62
4-Bromofluorobenzene
Concen: 46.014 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

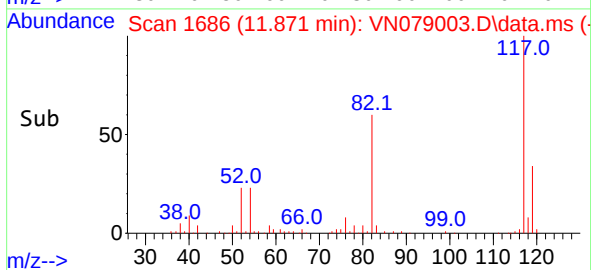
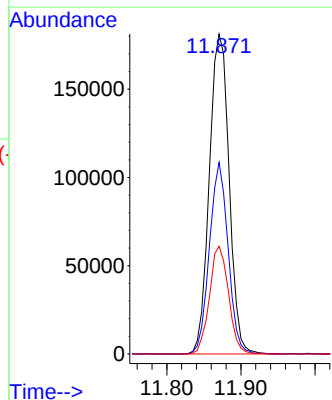
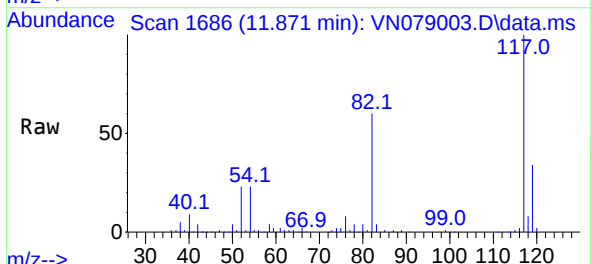
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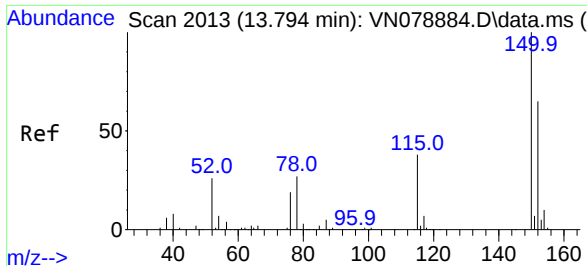
Tgt Ion: 95 Resp: 129493
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079003.D
Acq: 22 Aug 2023 18:49

Tgt Ion: 117 Resp: 335954
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 33.7 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: VN079003.D
 Acq: 22 Aug 2023 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-N

Tgt Ion:152 Resp: 102790
 Ion Ratio Lower Upper
 152 100
 115 60.1 32.3 96.8
 150 161.9 0.0 355.8

