

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080342.D
 Acq On : 04 Dec 2023 16:45
 Operator : JC\MD
 Sample : 05602-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPRING-VALLEY-TP-3

Quant Time: Dec 05 04:18:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

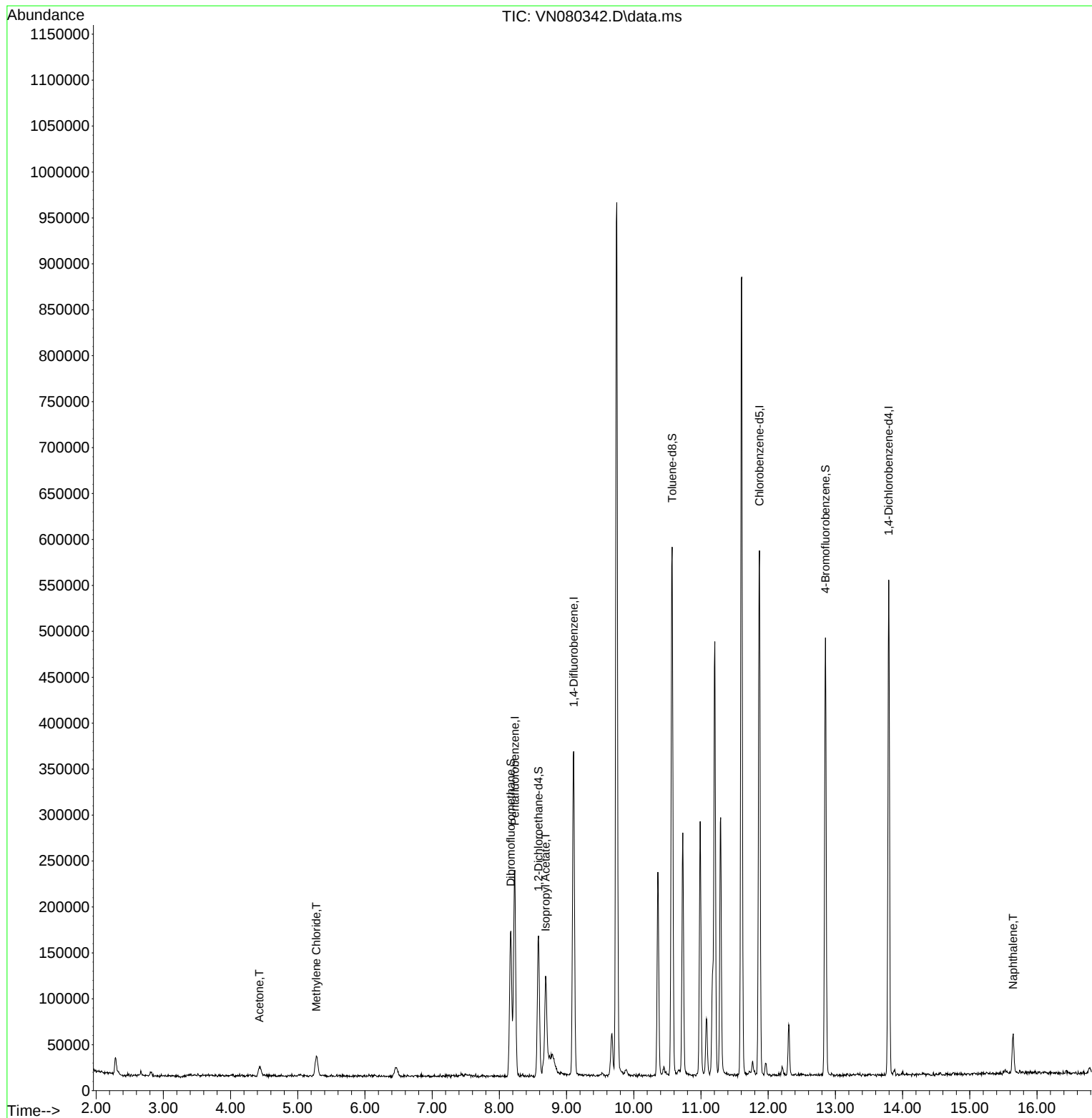
Internal Standards						
1) Pentafluorobenzene	8.230	168	152567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	327288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141114	56.017	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.040%		
35) Dibromofluoromethane	8.171	113	111468	51.150	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.300%		
50) Toluene-d8	10.571	98	404481	51.488	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.980%		
62) 4-Bromofluorobenzene	12.853	95	163601	55.135	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.280%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	20099	23.755	ug/l #	77
20) Methylene Chloride	5.277	84	17932	10.120	ug/l #	89
43) Isopropyl Acetate	8.688	43	135143	31.733	ug/l #	78
95) Naphthalene	15.647	128	41567	5.123	ug/l	98

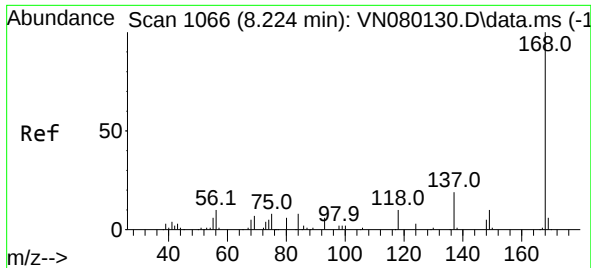
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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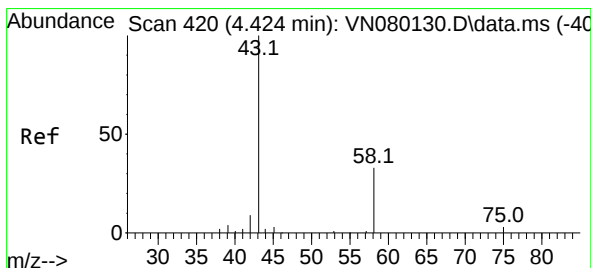
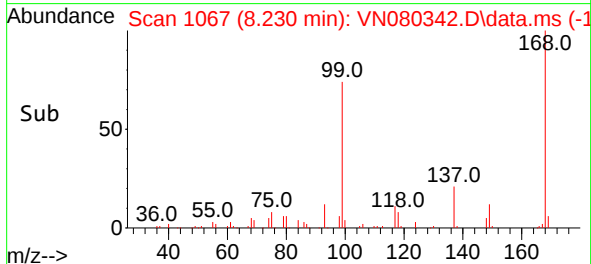
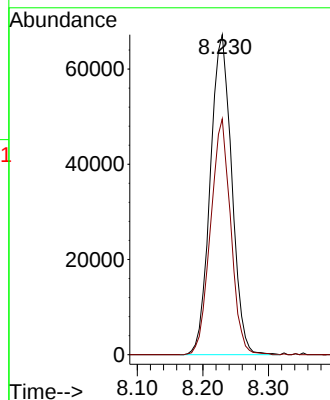
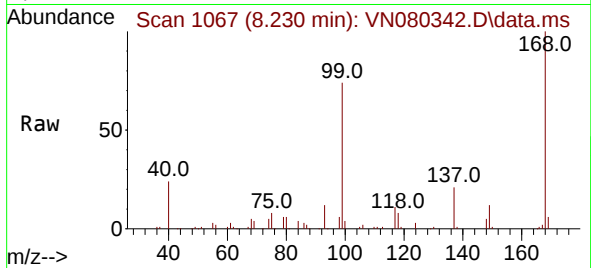




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

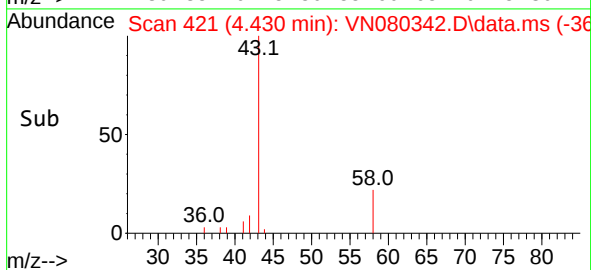
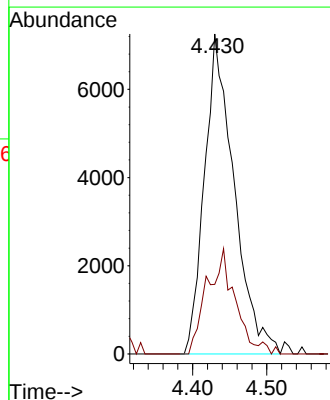
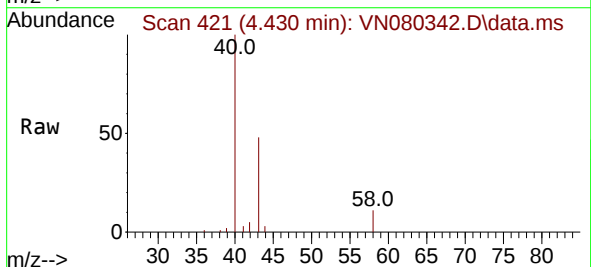
Instrument :
MSVOA_N
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SPRING-VALLEY-TP-3

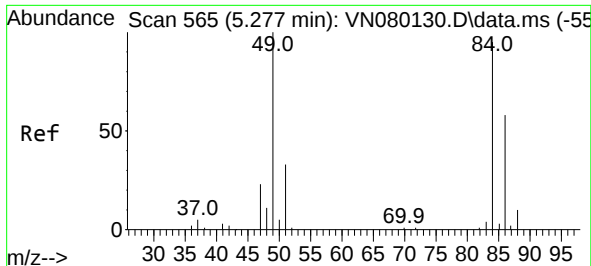
Tgt Ion:168 Resp: 152567
Ion Ratio Lower Upper
168 100
99 73.7 53.0 79.6



#16
Acetone
Concen: 23.755 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion: 43 Resp: 20099
Ion Ratio Lower Upper
43 100
58 21.7 28.0 42.0#

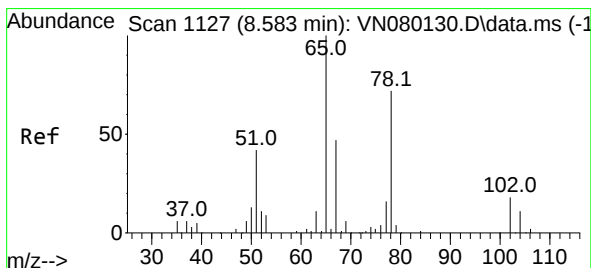
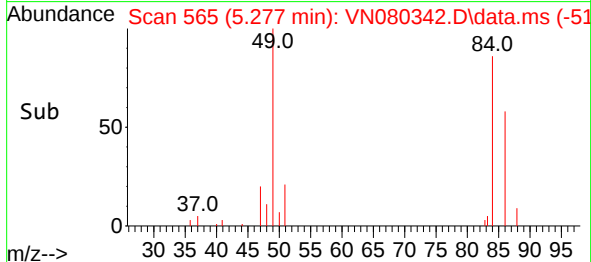
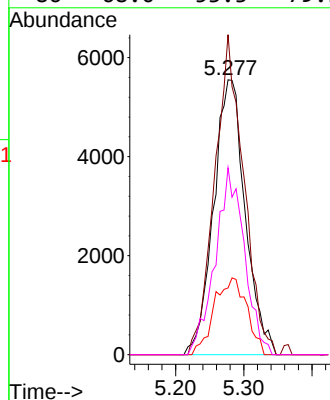
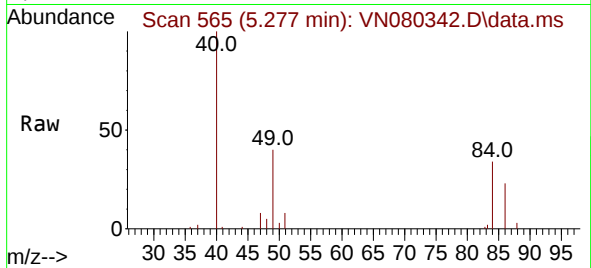




#20
Methylene Chloride
Concen: 10.120 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

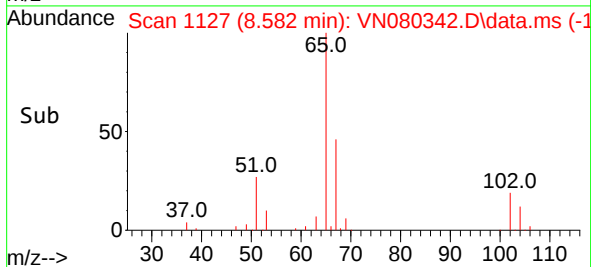
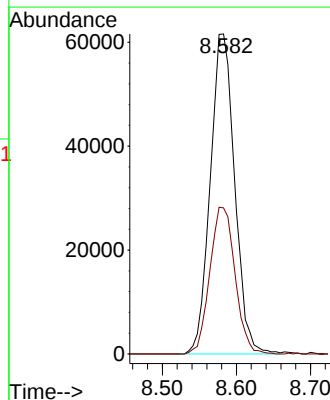
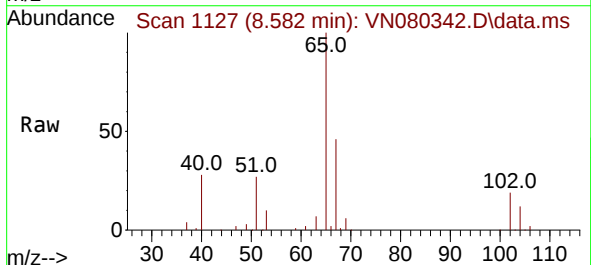
Instrument :
MSVOA_N
ClientSampleId :
SPRING-VALLEY-TP-3

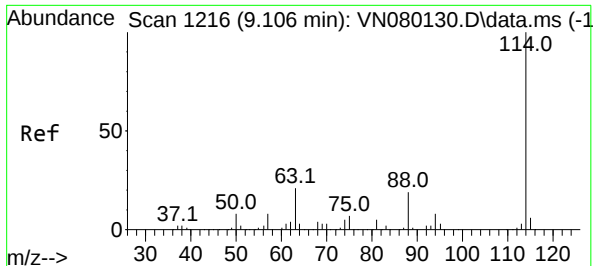
Tgt Ion: 84	Resp: 17932		
Ion	Ratio	Lower	Upper
84	100		
49	116.4	79.7	119.5
51	24.3	25.2	37.8#
86	68.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.017 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion: 65	Resp: 141114
Ion Ratio	Lower Upper
65 100	
67 47.3	0.0 106.6

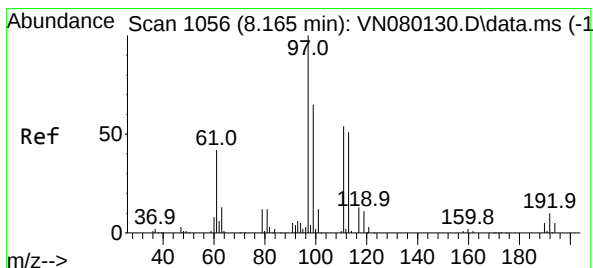
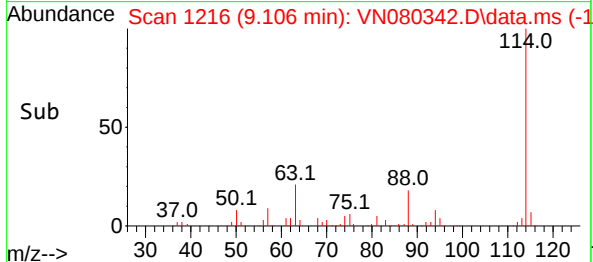
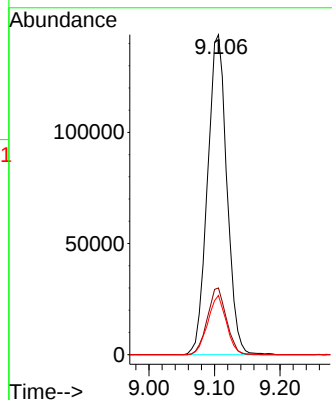
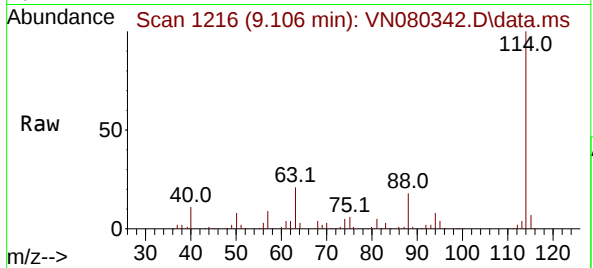




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

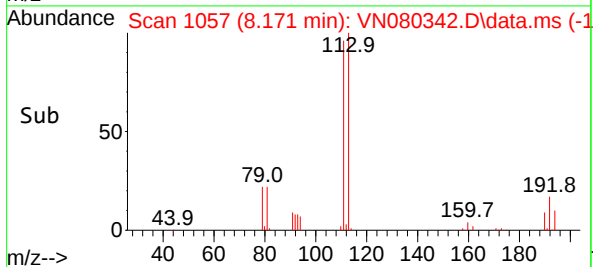
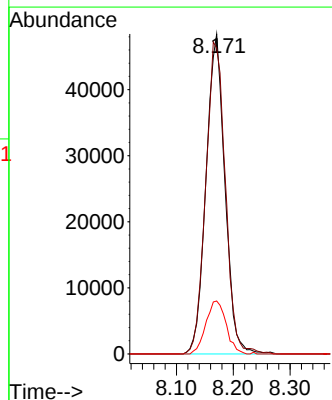
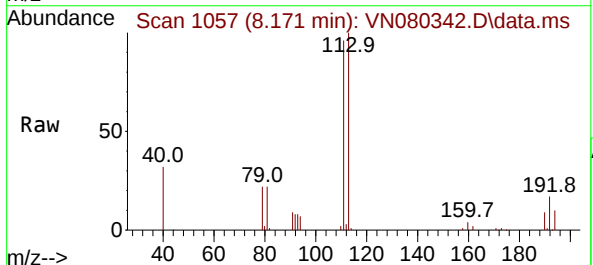
Instrument :
MSVOA_N
ClientSampleId :
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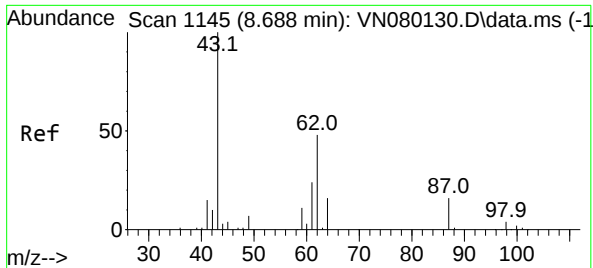
Tgt Ion:114 Resp: 295345
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 18.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.150 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion:113 Resp: 111468
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 17.8 12.7 19.1

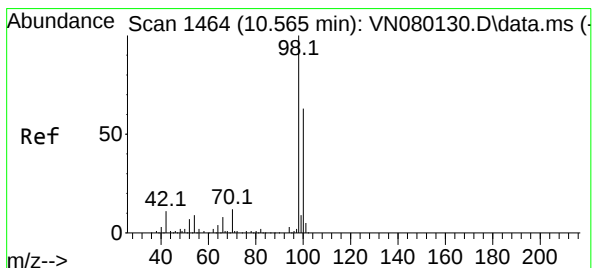
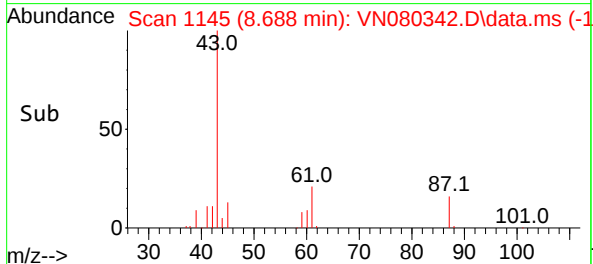
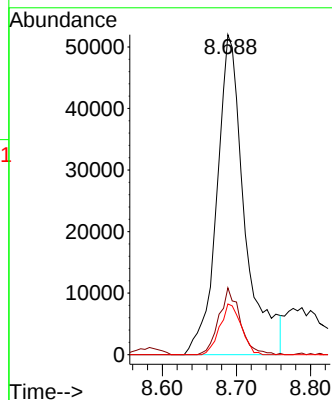
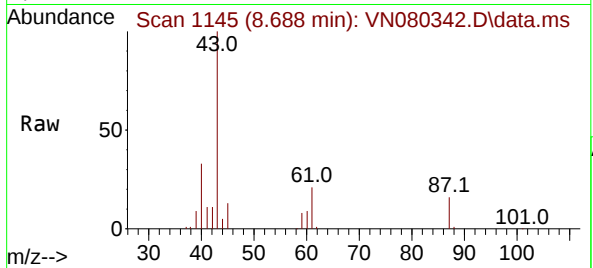




#43
Isopropyl Acetate
Concen: 31.733 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

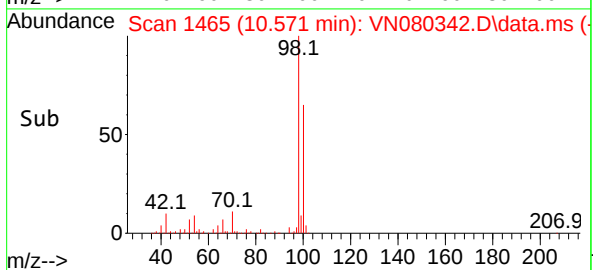
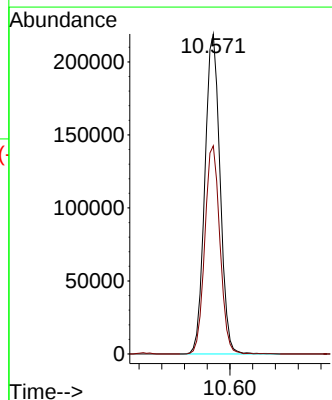
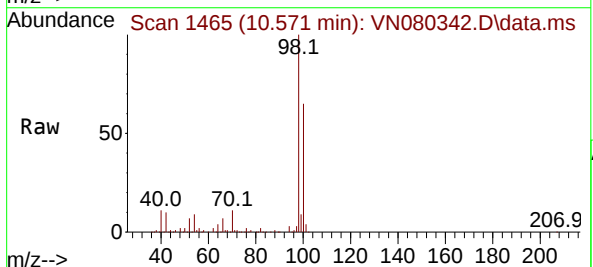
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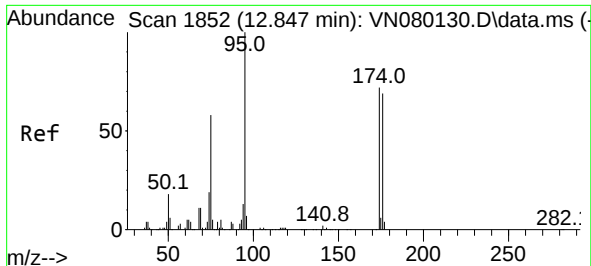
Tgt Ion: 43 Resp: 135143
Ion Ratio Lower Upper
43 100
61 16.0 24.7 37.1#
87 12.2 14.6 21.8#



#50
Toluene-d8
Concen: 51.488 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion: 98 Resp: 404481
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

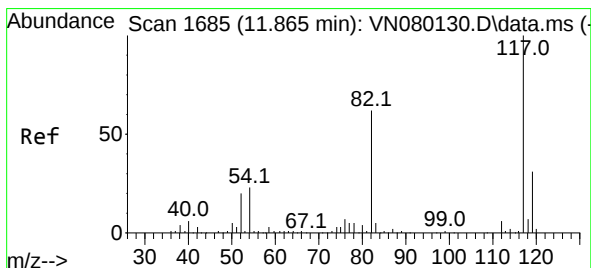
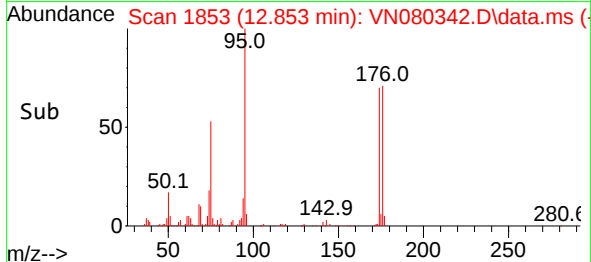
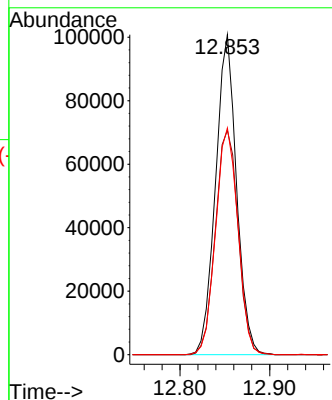
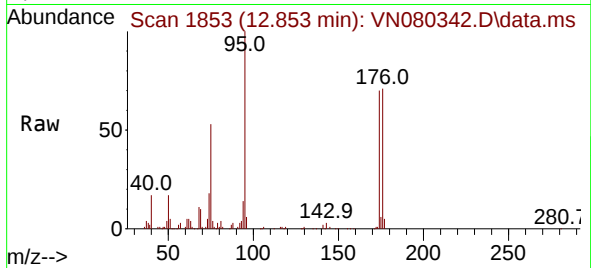




#62
4-Bromofluorobenzene
Concen: 55.135 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

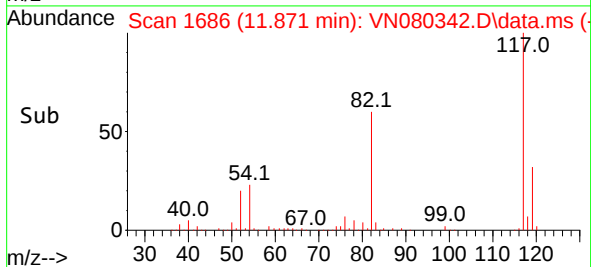
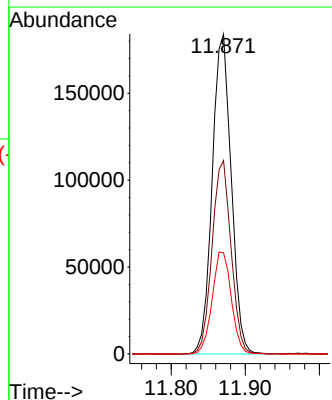
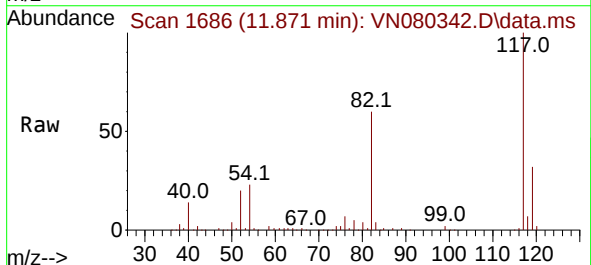
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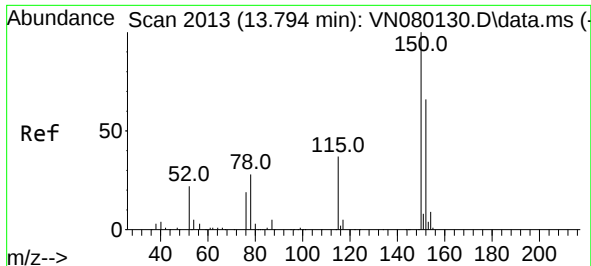
Tgt Ion: 95 Resp: 163601
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 75.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion: 117 Resp: 327288
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 31.6 25.6 38.4

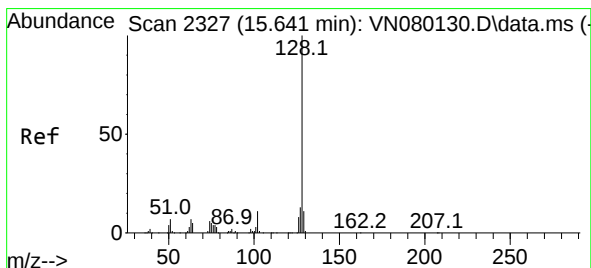
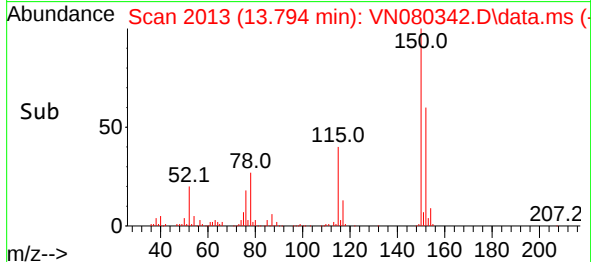
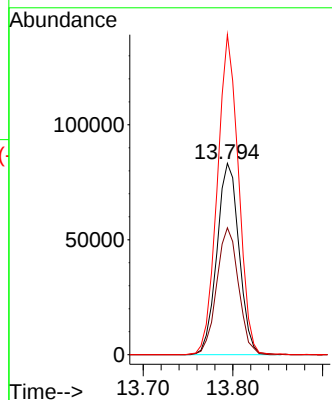
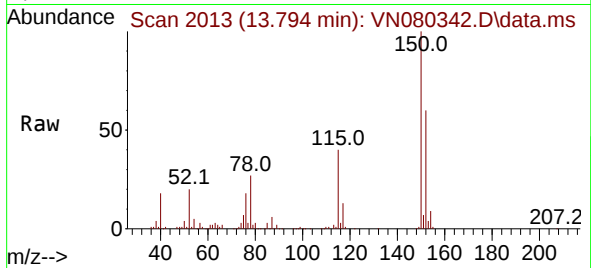




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Instrument :
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ClientSampleId :
SPRING-VALLEY-TP-3

Tgt Ion:152 Resp: 142425
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 160.0 0.0 355.8



#95
Naphthalene
Concen: 5.123 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080342.D
Acq: 04 Dec 2023 16:45

Tgt Ion:128 Resp: 41567
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 11.5 8.7 13.1

