

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080392.D
 Acq On : 06 Dec 2023 17:33
 Operator : JC\MD
 Sample : 05631-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 07 01:04:09 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)

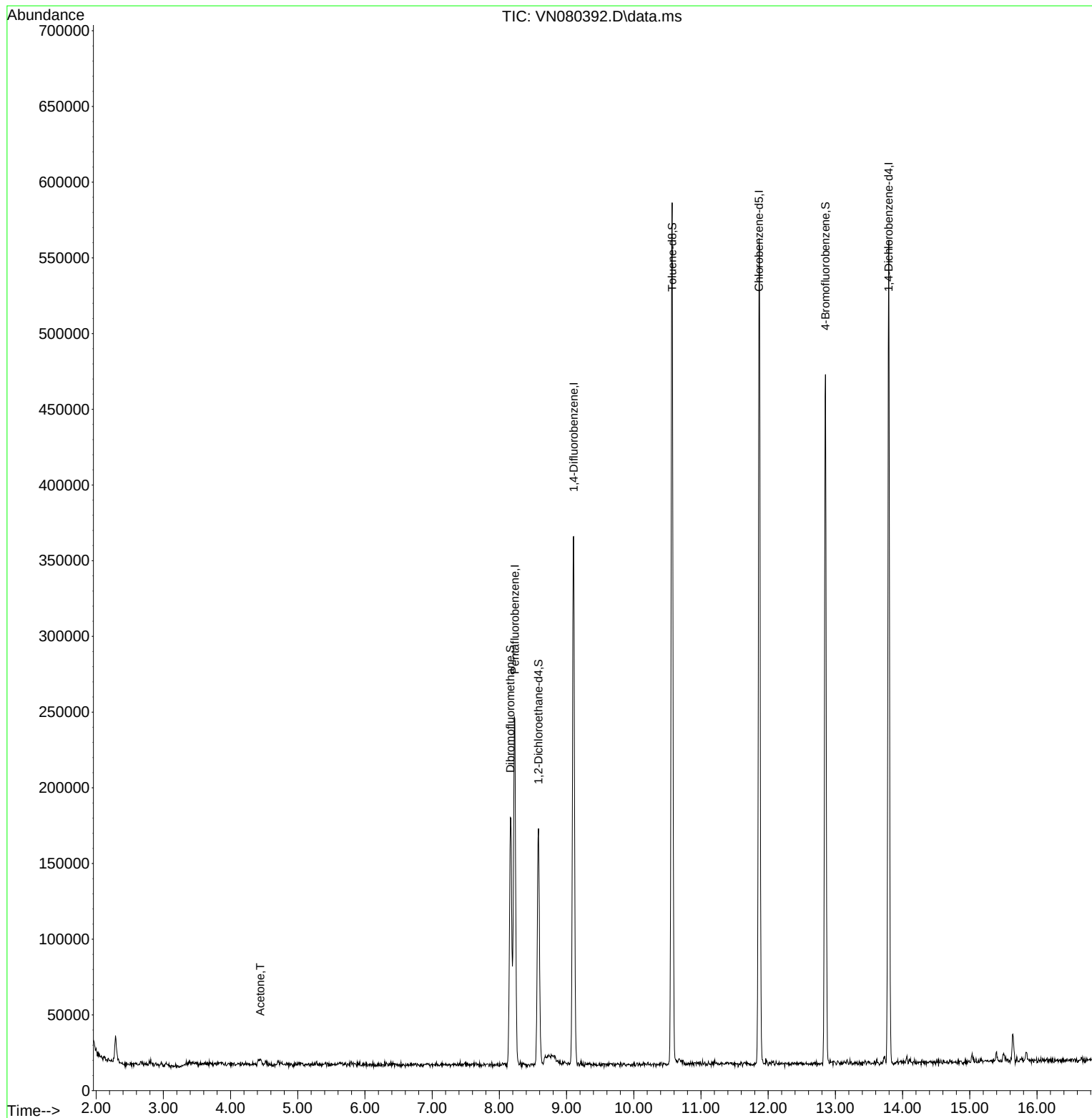
Internal Standards						
1) Pentafluorobenzene	8.229	168	163257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	319288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	145075	53.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.165	113	113883	50.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.980%	
50) Toluene-d8	10.570	98	399327	49.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.853	95	158322	52.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	6371	7.037	ug/l	# 78

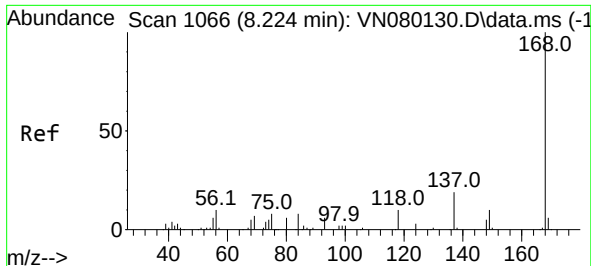
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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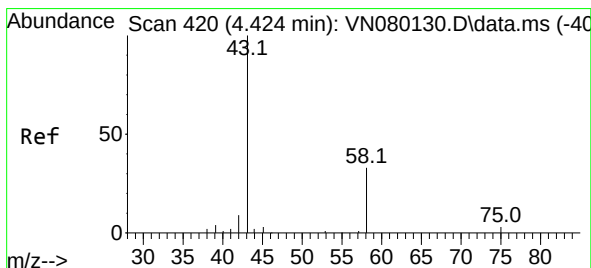
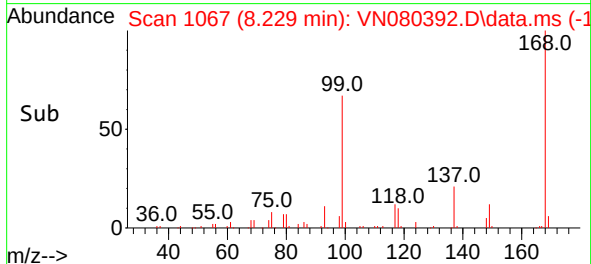
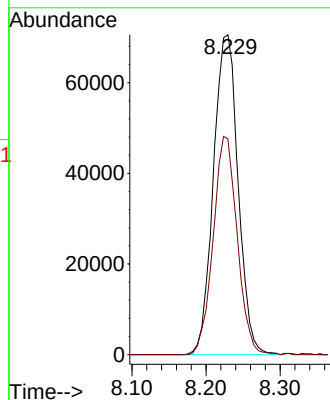
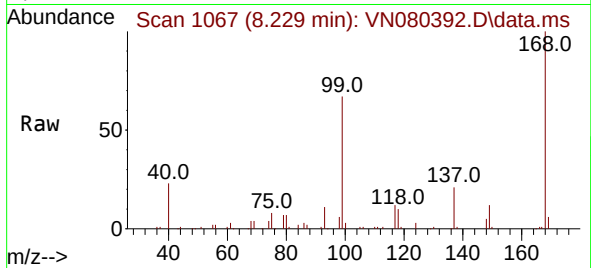




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

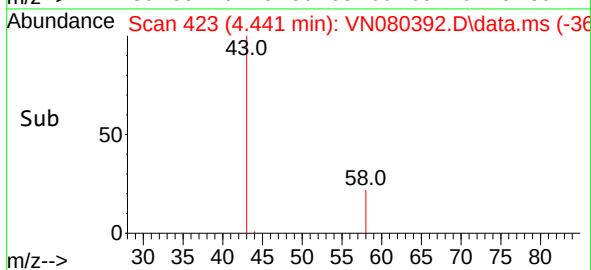
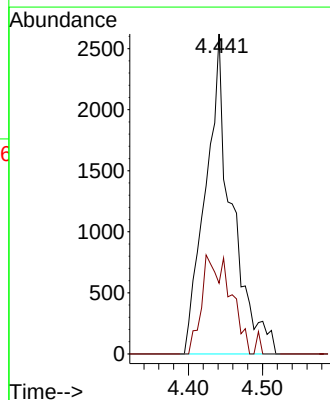
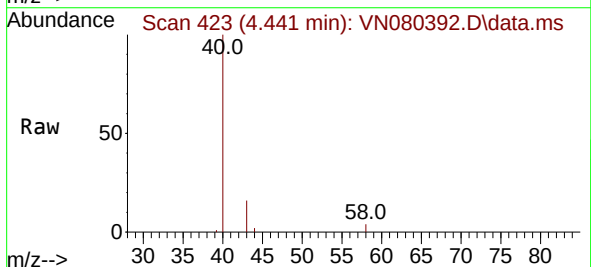
Instrument :
MSVOA_N
ClientSampleId :
MW-1

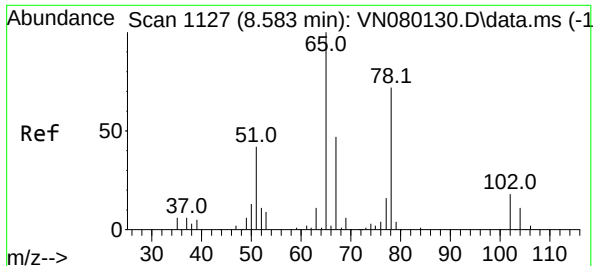
Tgt Ion:168 Resp: 163257
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6



#16
Acetone
Concen: 7.037 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

Tgt Ion: 43 Resp: 6371
Ion Ratio Lower Upper
43 100
58 22.1 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 53.819 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080392.D

Acq: 06 Dec 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

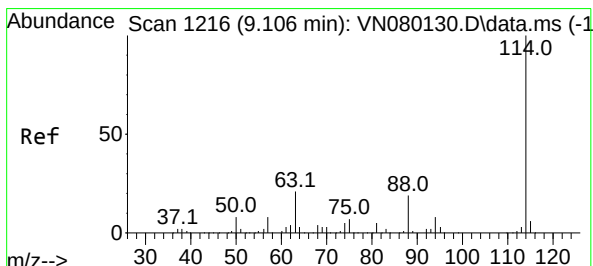
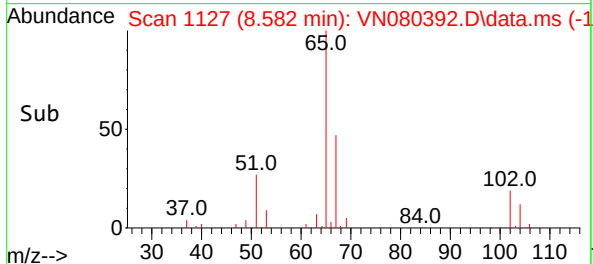
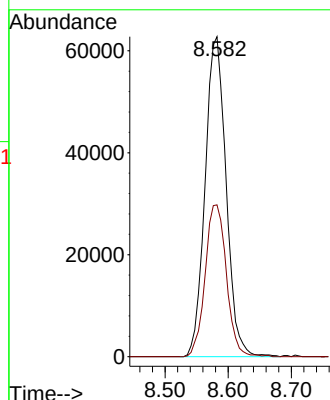
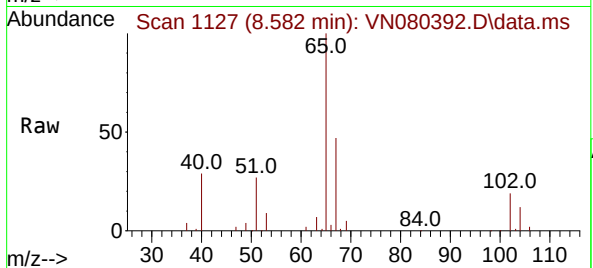
MW-1

Tgt Ion: 65 Resp: 145075

Ion Ratio Lower Upper

65 100

67 48.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080392.D

Acq: 06 Dec 2023 17:33

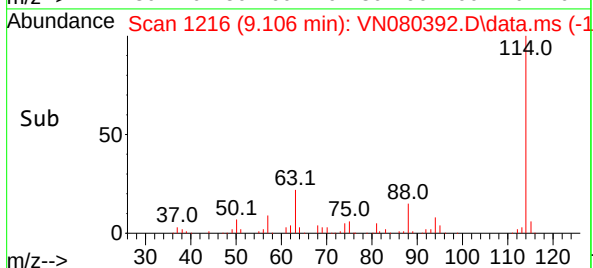
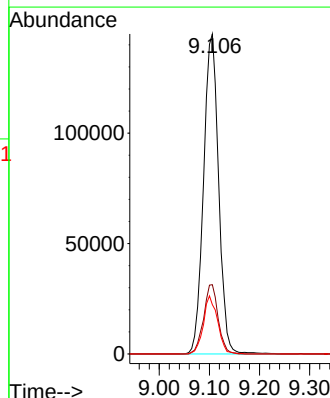
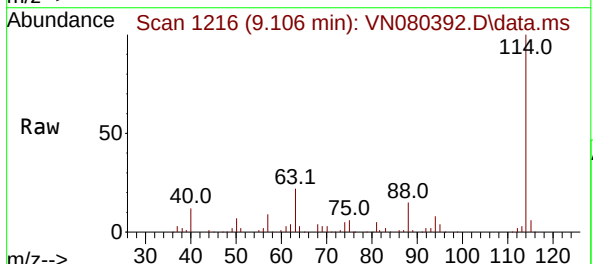
Tgt Ion: 114 Resp: 302694

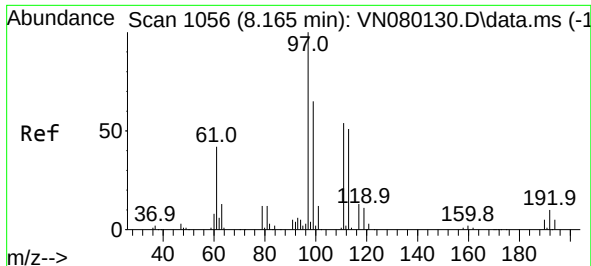
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.4 0.0 30.6

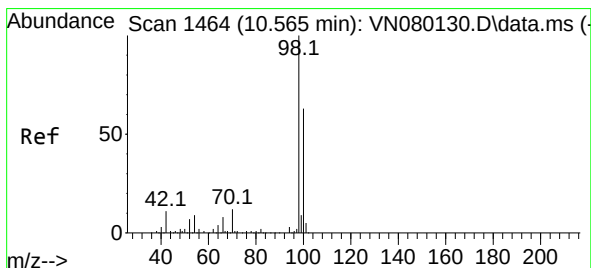
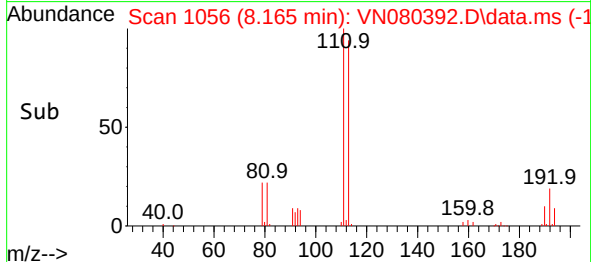
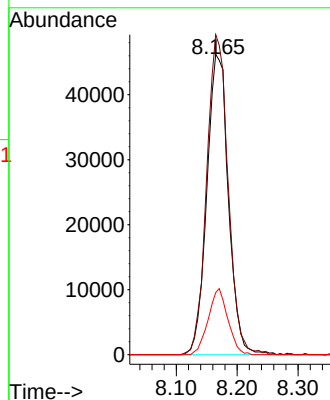
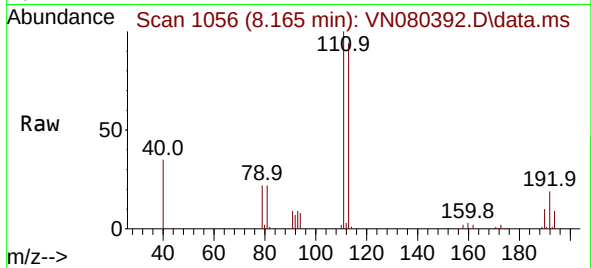




#35
Dibromofluoromethane
Concen: 50.989 ug/l
RT: 8.165 min Scan# 113
Delta R.T. -0.000 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

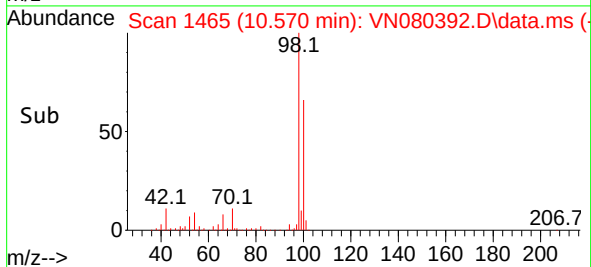
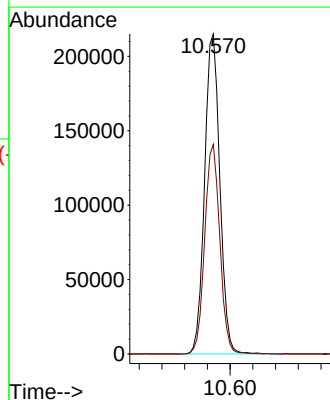
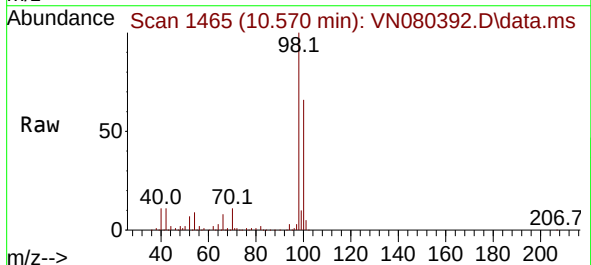
Instrument :
MSVOA_N
ClientSampleId :
MW-1

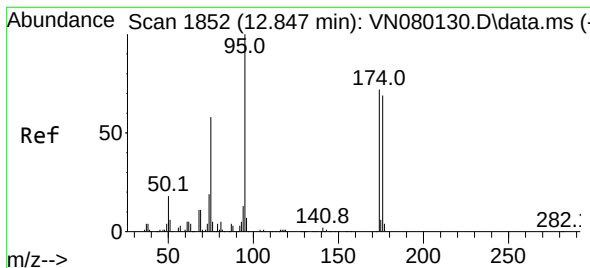
Tgt Ion:113 Resp: 113883
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 20.0 12.7 19.1#



#50
Toluene-d8
Concen: 49.598 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

Tgt Ion: 98 Resp: 399327
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

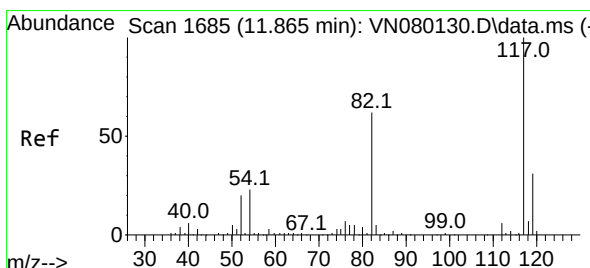
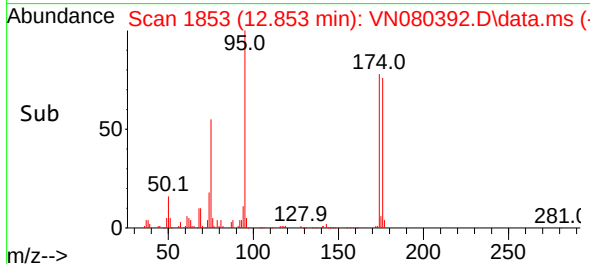
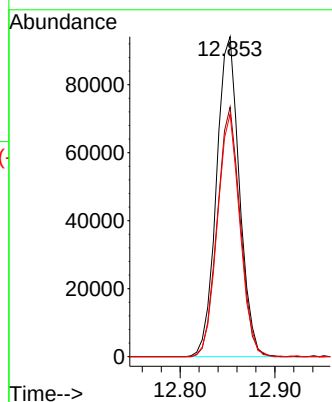
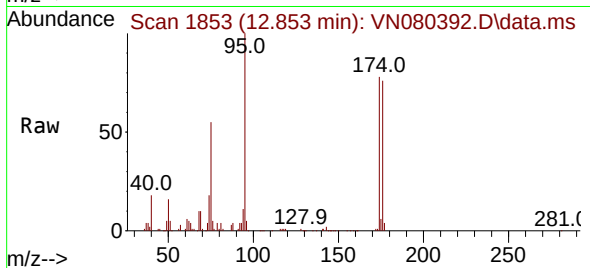




#62
4-Bromofluorobenzene
Concen: 52.061 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

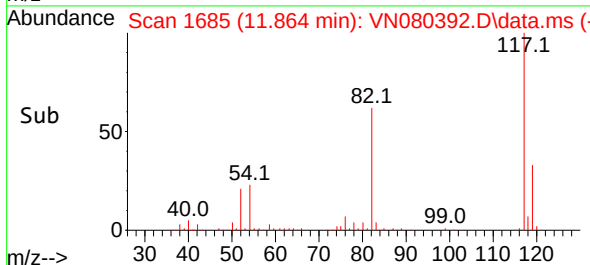
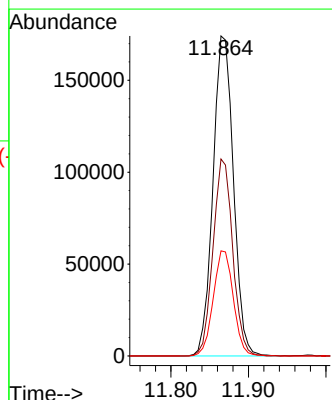
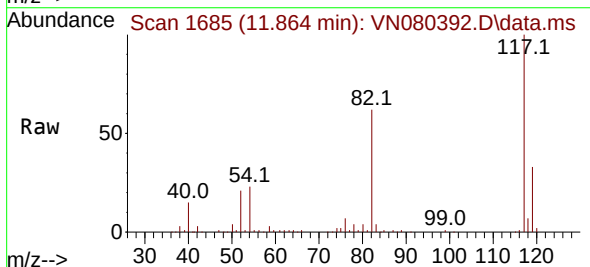
Instrument :
MSVOA_N
ClientSampleId :
MW-1

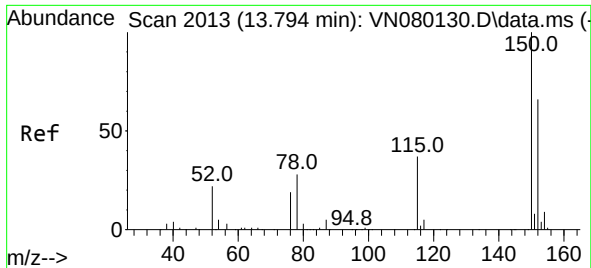
Tgt Ion: 95 Resp: 158322
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080392.D
Acq: 06 Dec 2023 17:33

Tgt Ion: 117 Resp: 319288
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 32.8 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: VN080392.D
 Acq: 06 Dec 2023 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion:152 Resp: 142392
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 156.9 0.0 355.8

