

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078566.D
 Acq On : 18 Jul 2023 17:16
 Operator : JC\MD
 Sample : 03645-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 19 01:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	401033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	752774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	693621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273157	50.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.177	113	277378	54.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.560%
50) Toluene-d8	10.570	98	862849	44.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.853	95	302388	50.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.700%

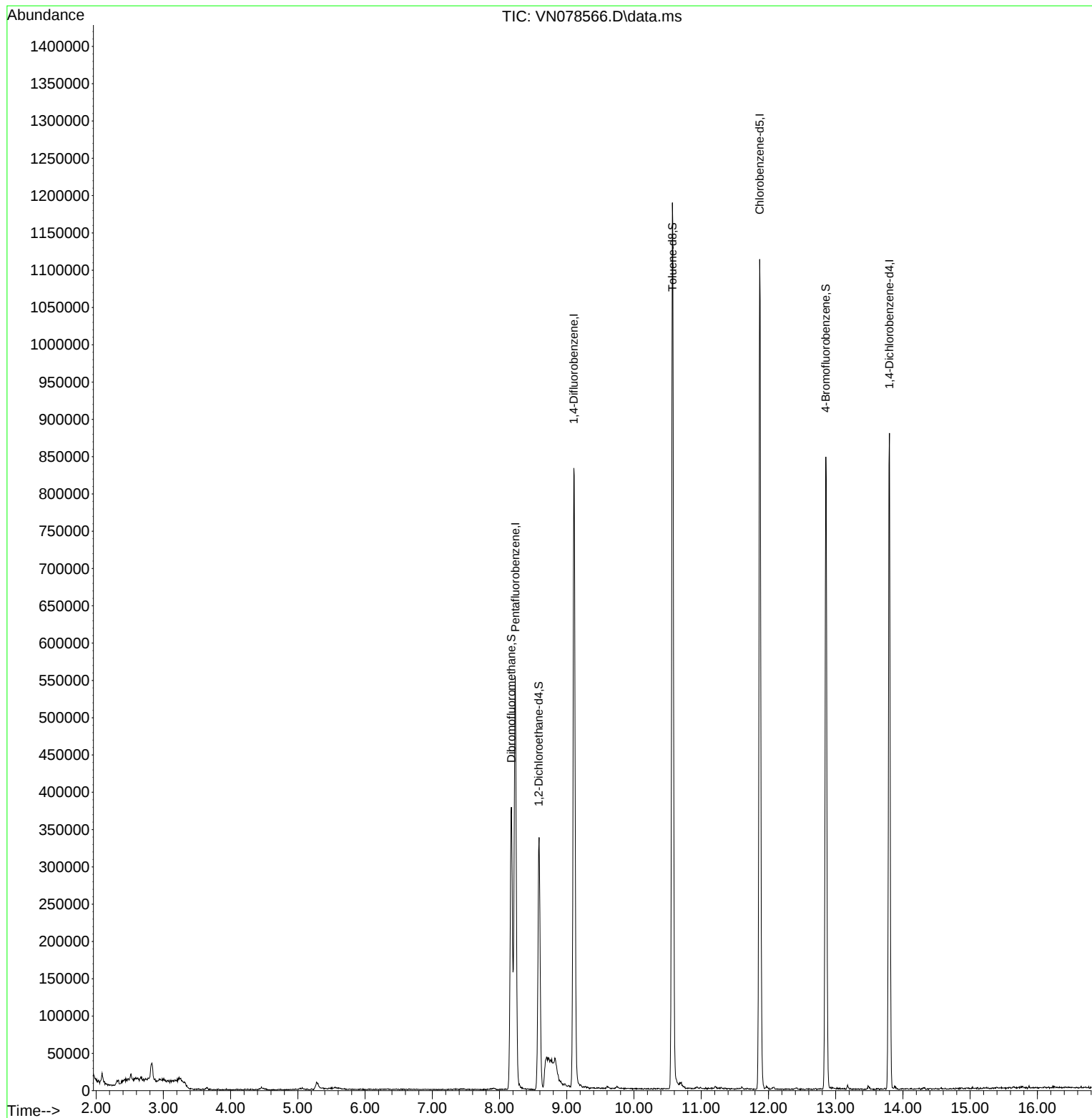
Target Compounds	Qvalue

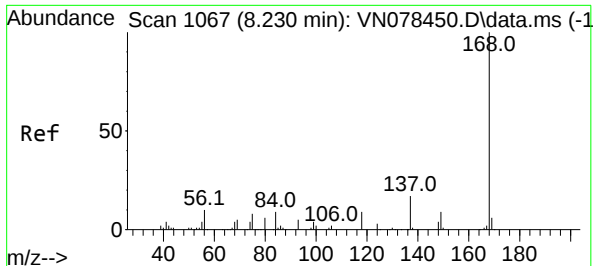
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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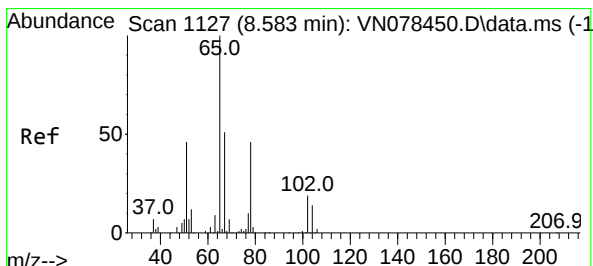
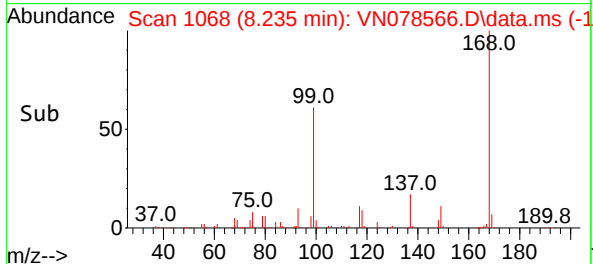
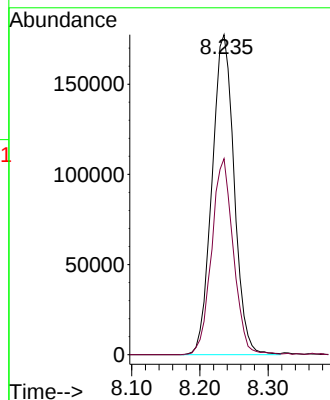
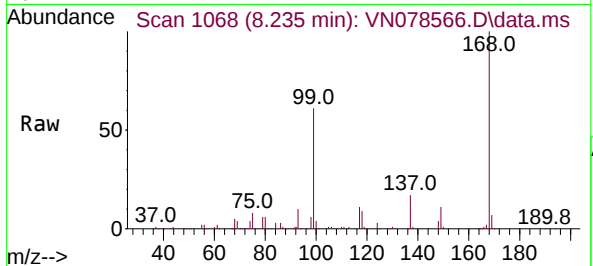




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

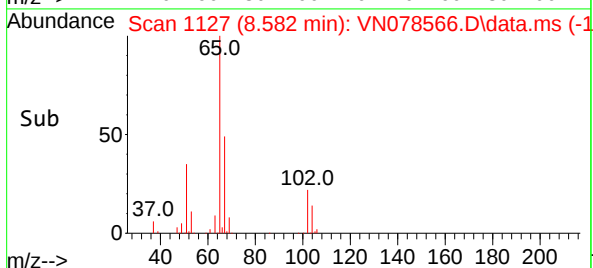
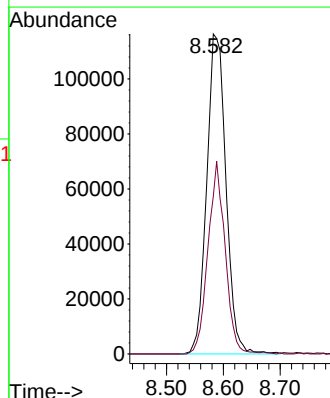
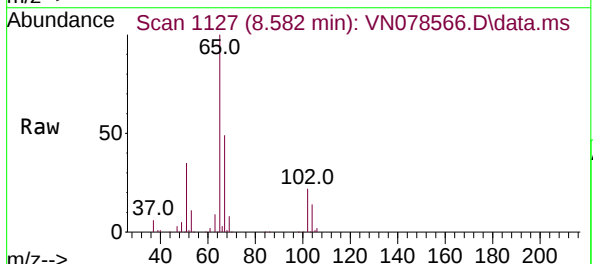
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

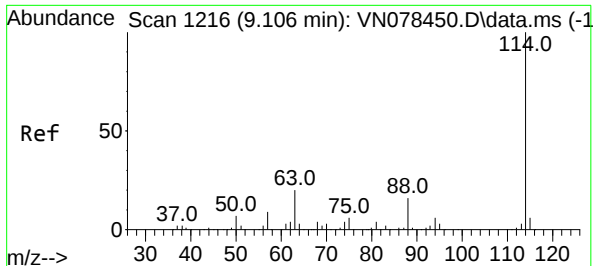
Tgt Ion:168 Resp: 401033
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.808 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

Tgt Ion: 65 Resp: 273157
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6

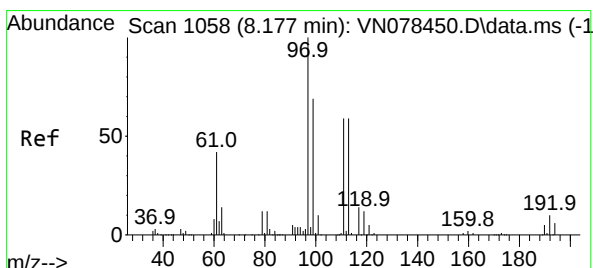
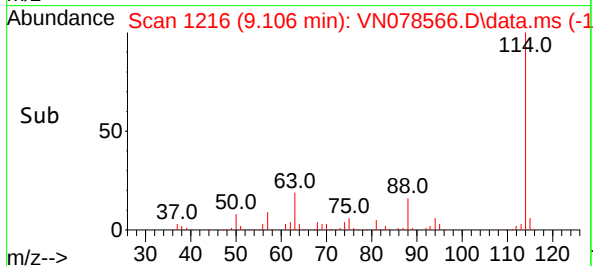
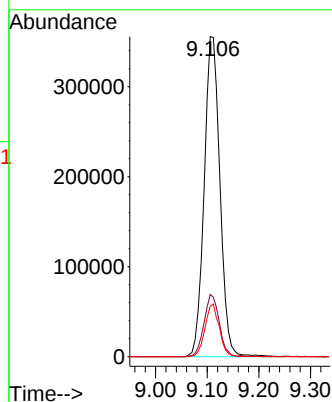
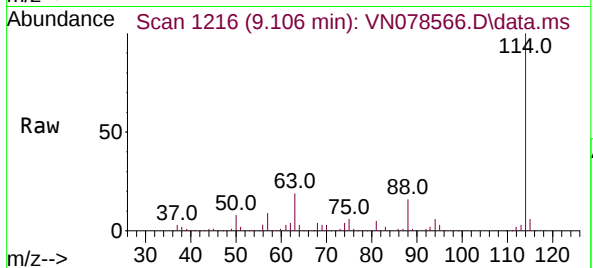




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

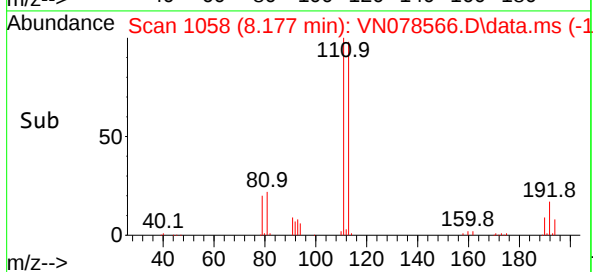
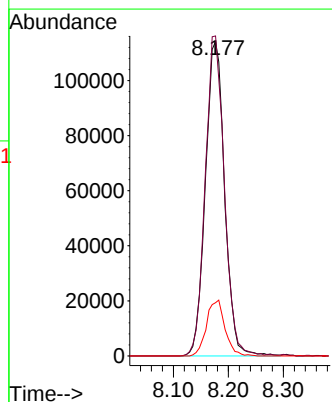
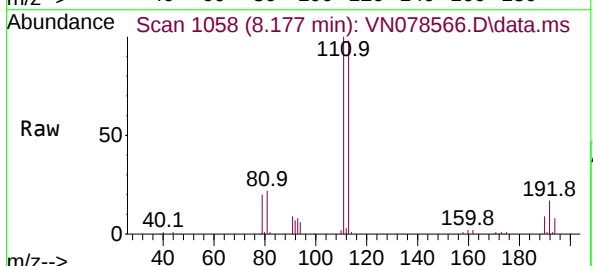
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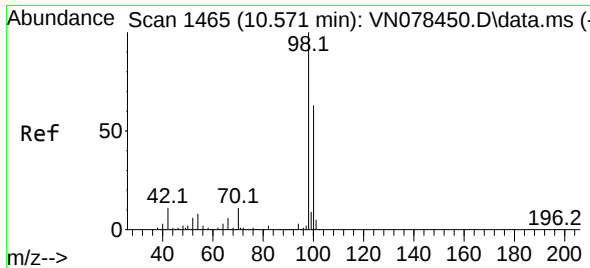
Tgt Ion:114 Resp: 752774
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.281 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

Tgt Ion:113 Resp: 277378
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 17.1 12.7 19.1

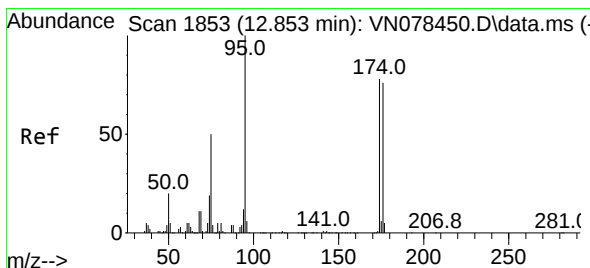
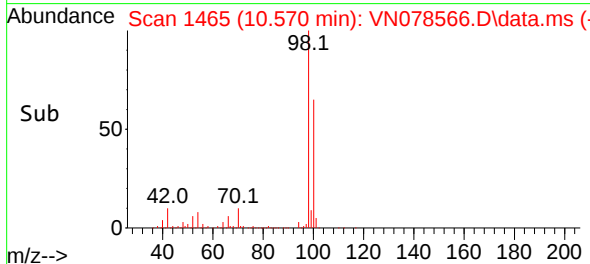
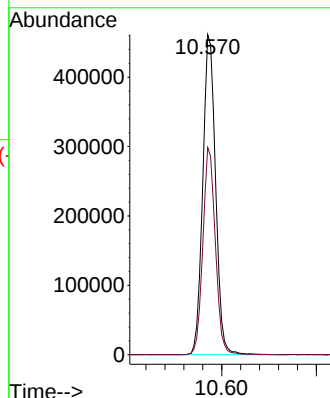
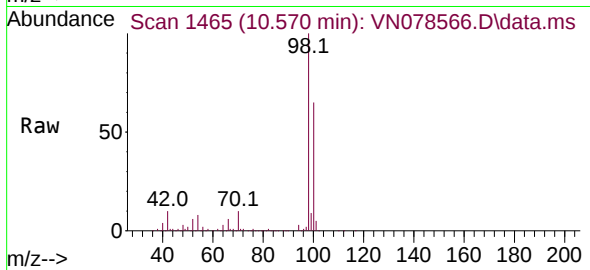




#50
Toluene-d8
Concen: 44.697 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

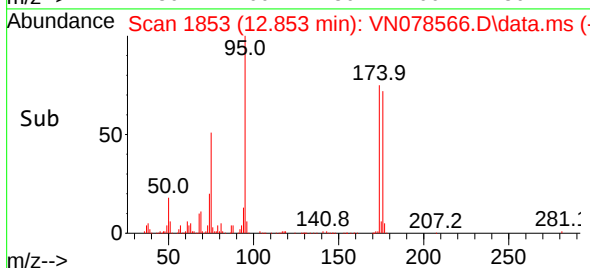
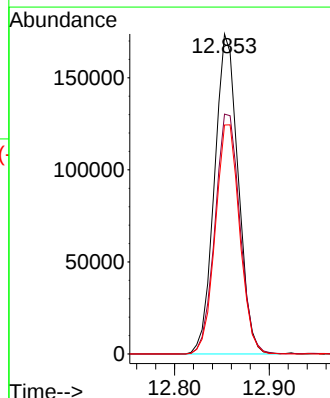
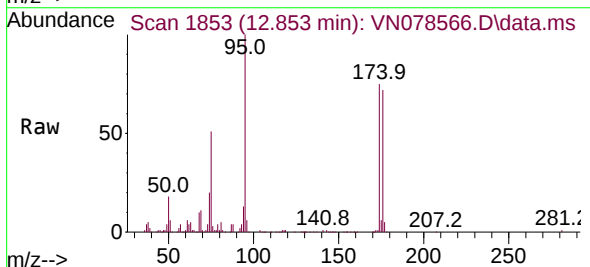
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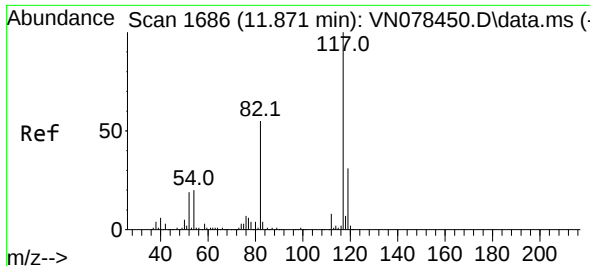
Tgt Ion: 98 Resp: 862849
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

Tgt Ion: 95 Resp: 302388
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 73.4 0.0 135.8

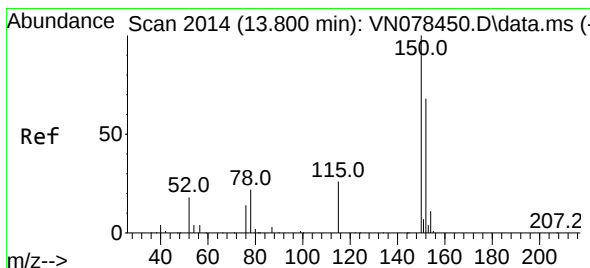
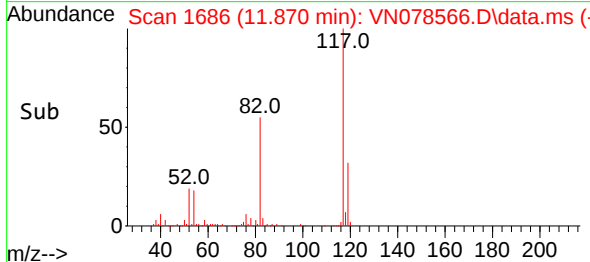
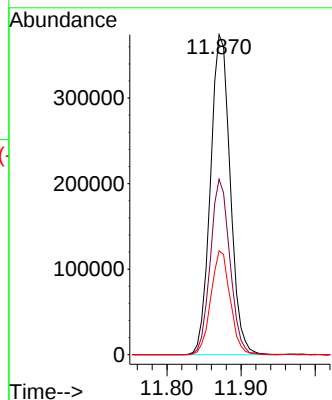
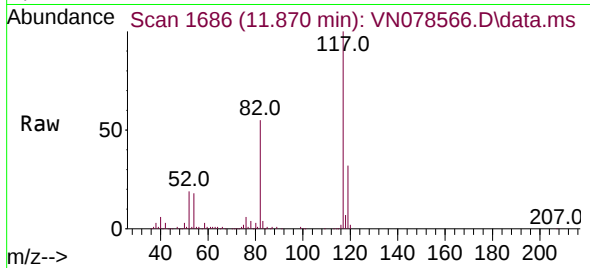




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

Tgt Ion:117 Resp: 693621
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078566.D
Acq: 18 Jul 2023 17:16

Tgt Ion:152 Resp: 242621
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 162.4 0.0 355.8

