

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080521.D
 Acq On : 19 Dec 2023 15:34
 Operator : JC\MD
 Sample : 05874-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 20 04:03:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	386326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149985	56.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.140%
35) Dibromofluoromethane	8.165	113	123169	50.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	10.565	98	453763	49.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.853	95	190364	54.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.760%

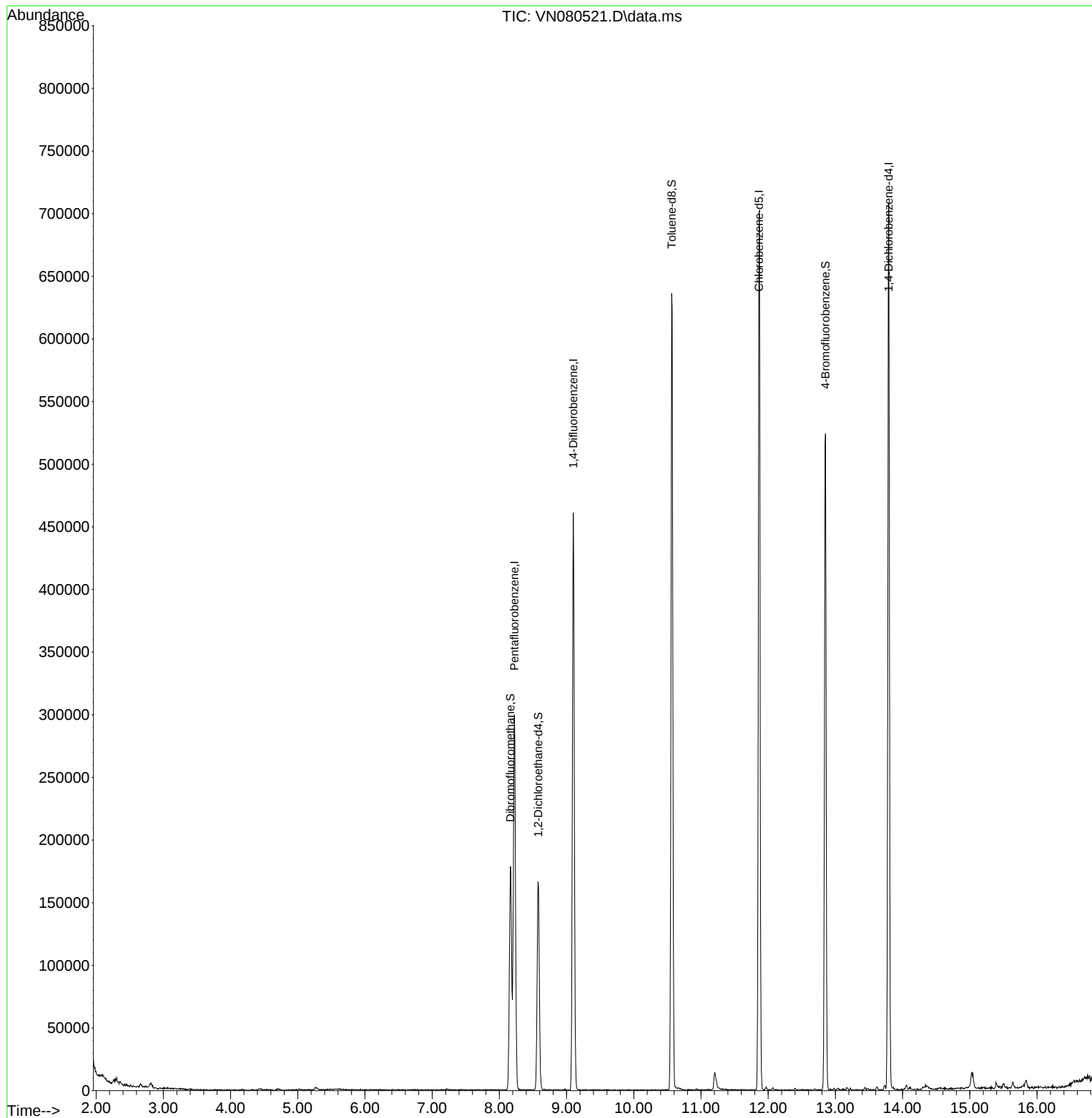
Target Compounds	Qvalue

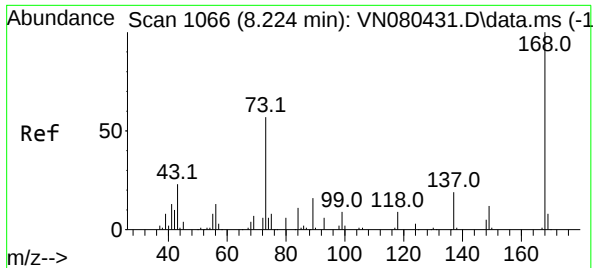
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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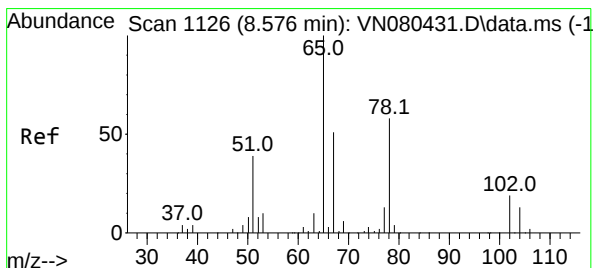
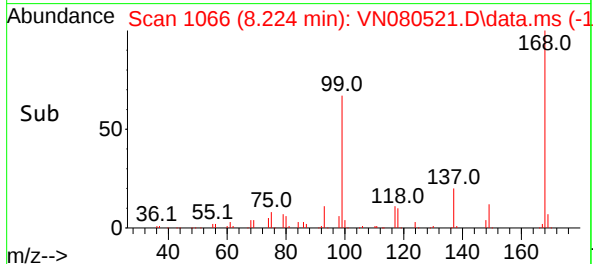
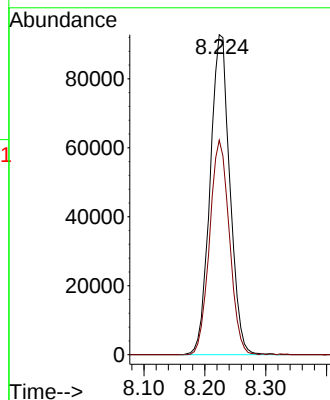
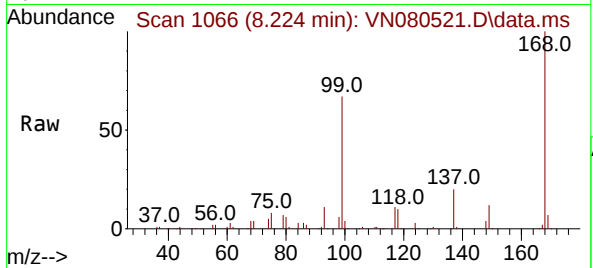




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

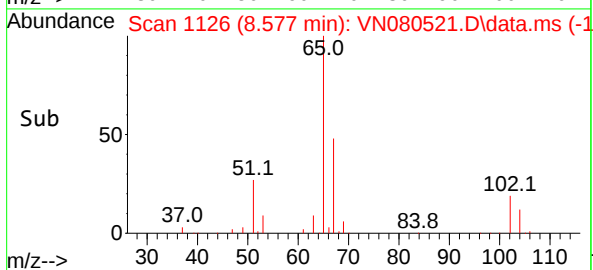
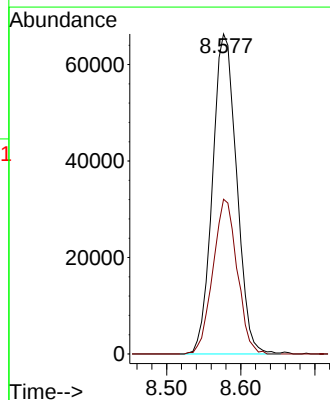
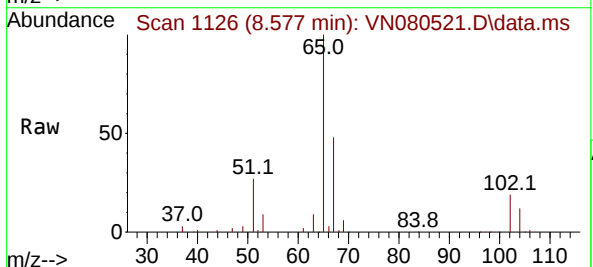
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

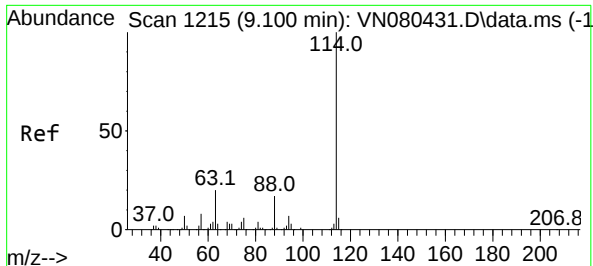
Tgt Ion:168 Resp: 209451
Ion Ratio Lower Upper
168 100
99 67.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.066 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

Tgt Ion: 65 Resp: 149985
Ion Ratio Lower Upper
65 100
67 48.6 0.0 106.6

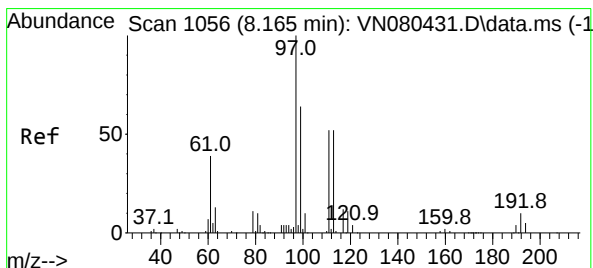
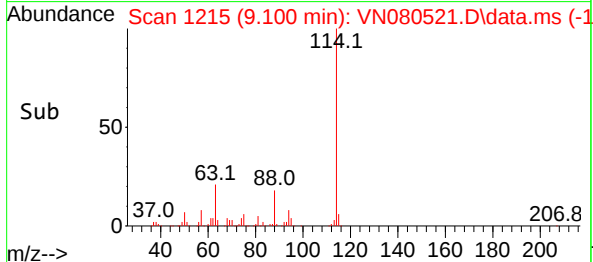
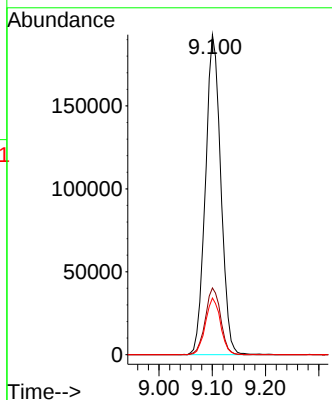
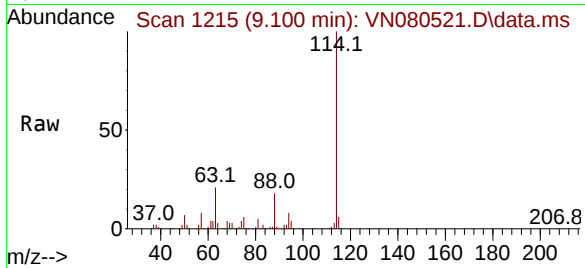




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

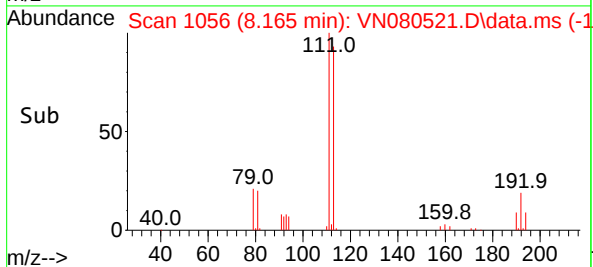
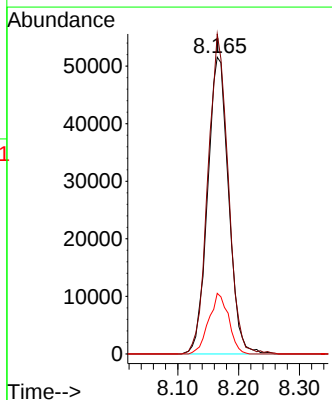
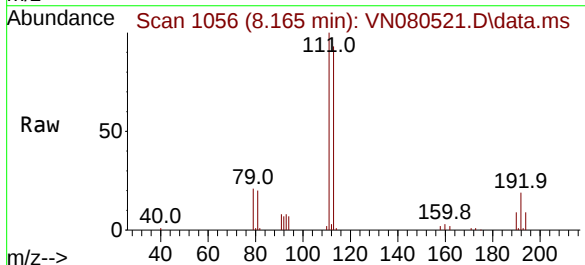
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

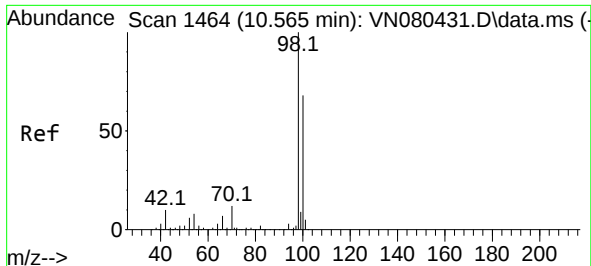
Tgt Ion:114 Resp: 386326
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 17.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.284 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

Tgt Ion:113 Resp: 123169
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 19.3 12.7 19.1#

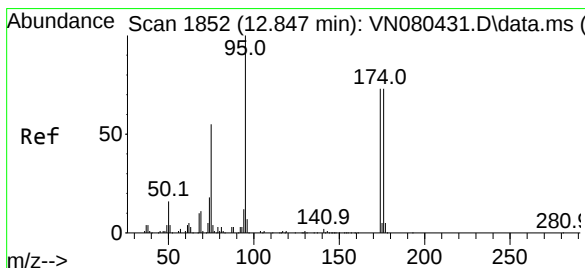
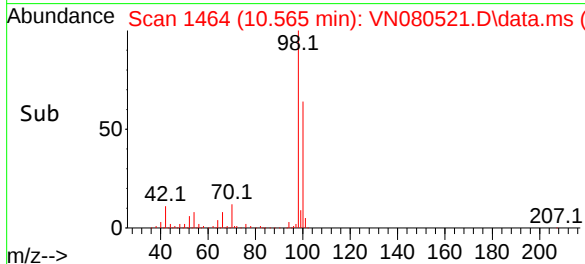
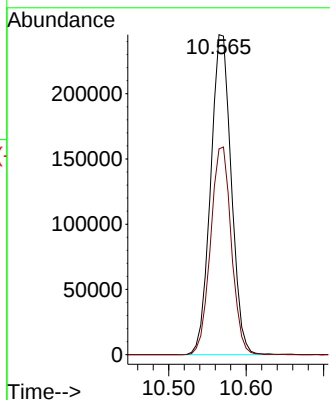
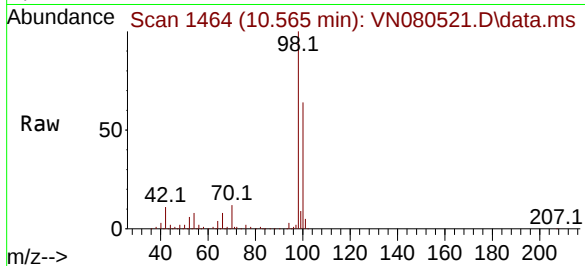




#50
Toluene-d8
Concen: 49.672 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

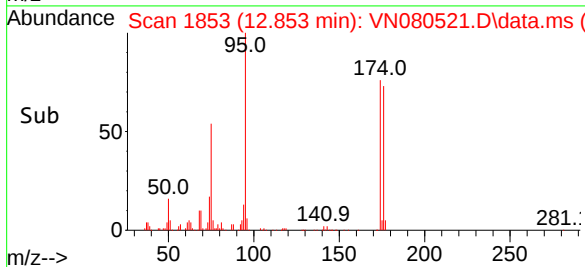
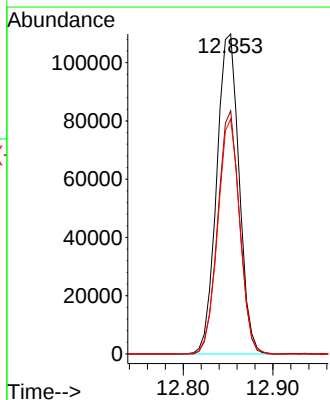
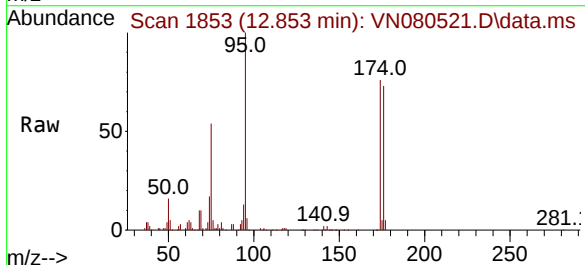
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

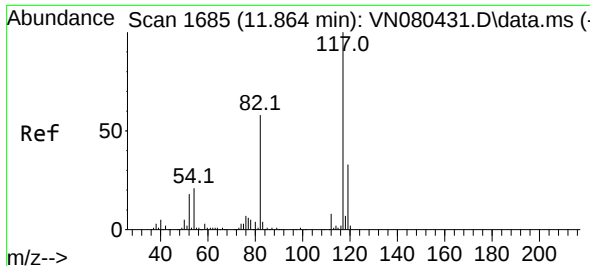
Tgt Ion: 98 Resp: 453763
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

Tgt Ion: 95 Resp: 190364
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 72.3 0.0 135.8

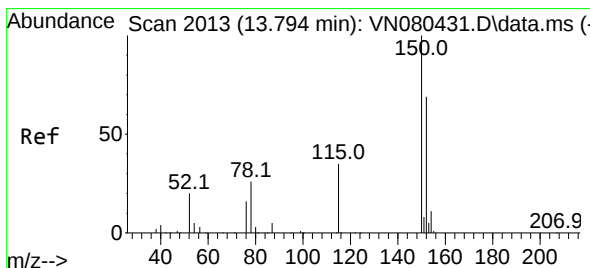
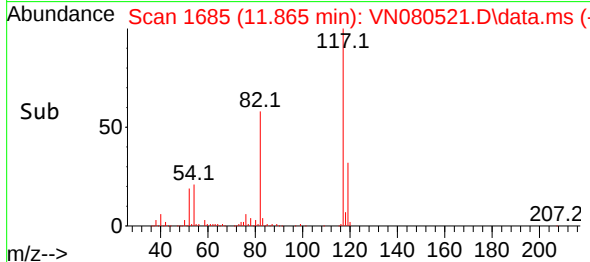
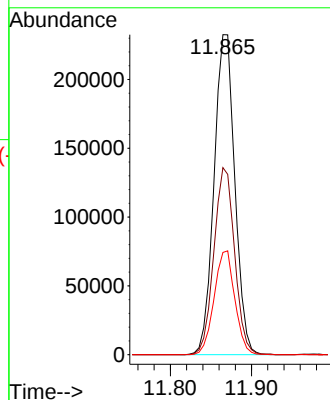
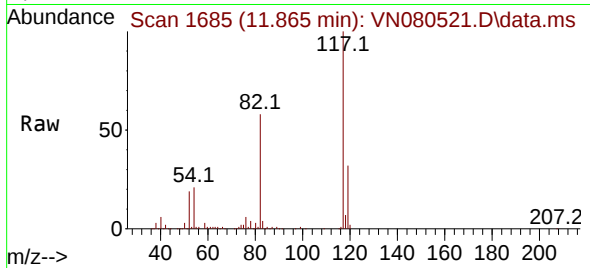




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080521.D
Acq: 19 Dec 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 414264
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.9 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: VN080521.D
Acq: 19 Dec 2023 15:34

Tgt Ion:152 Resp: 190312
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 155.6 0.0 355.8

