

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080549.D
 Acq On : 20 Dec 2023 16:07
 Operator : JC\MD
 Sample : 05874-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 21 02:44:20 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	222701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	446581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166265	58.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.900%
35) Dibromofluoromethane	8.165	113	142669	55.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.720%
50) Toluene-d8	10.565	98	497611	51.775	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.847	95	205277	56.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.500%

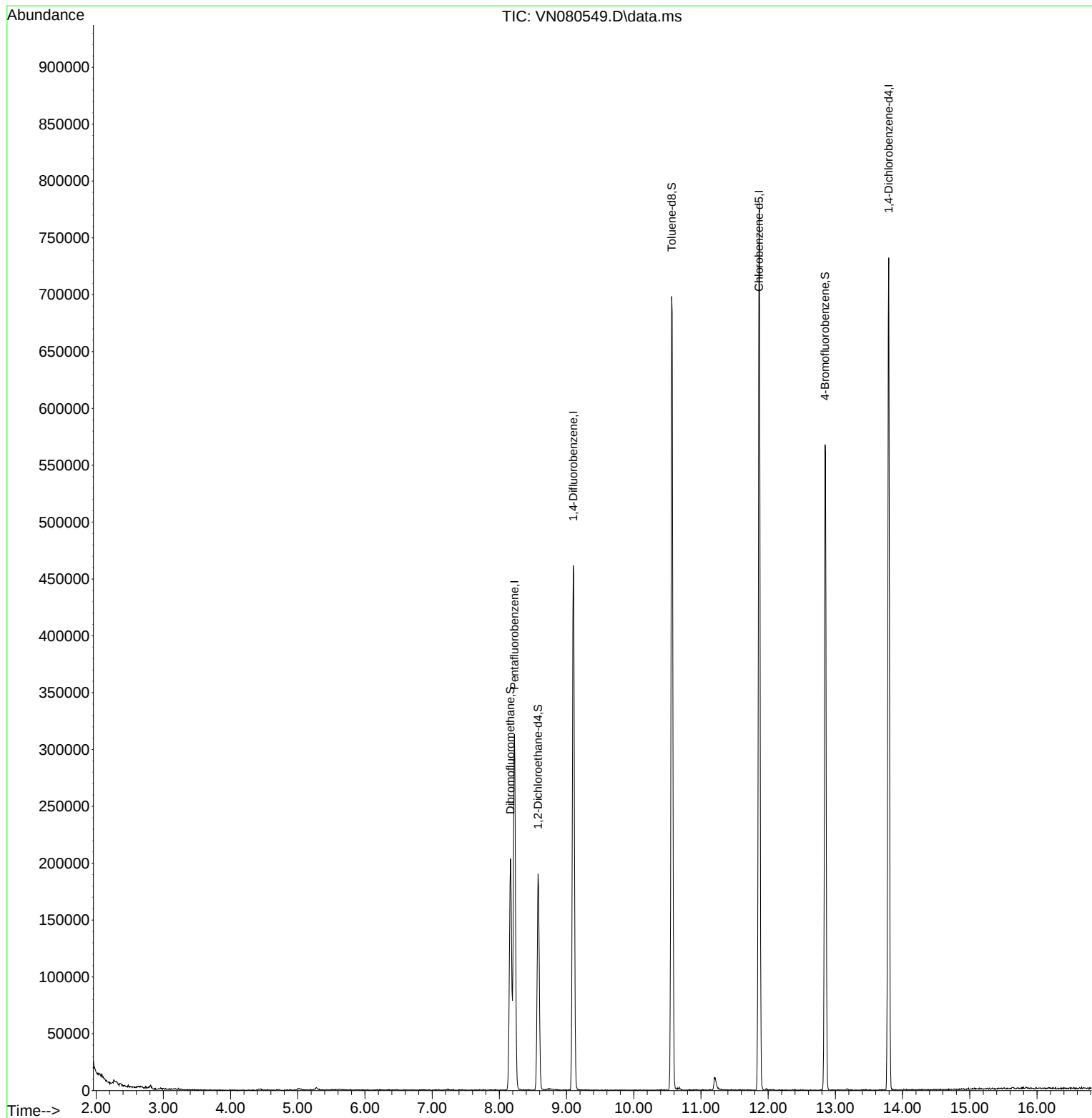
Target Compounds	Qvalue

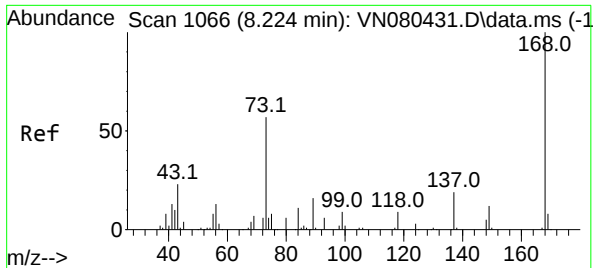
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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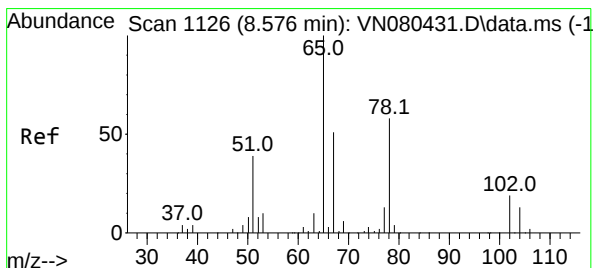
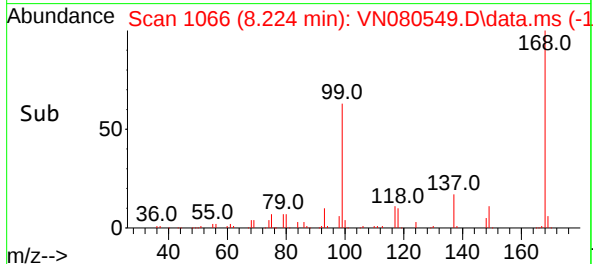
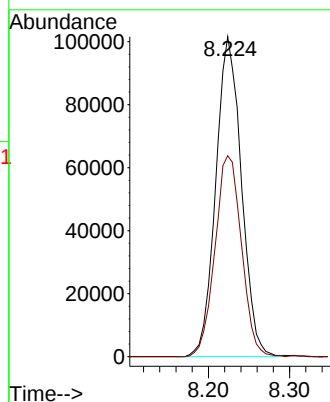
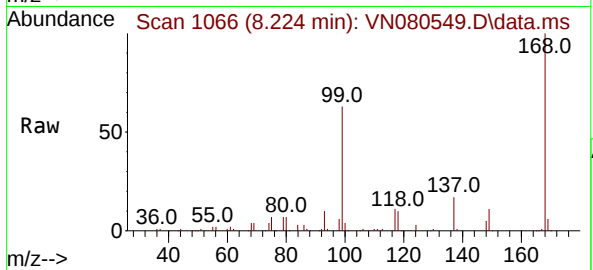




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

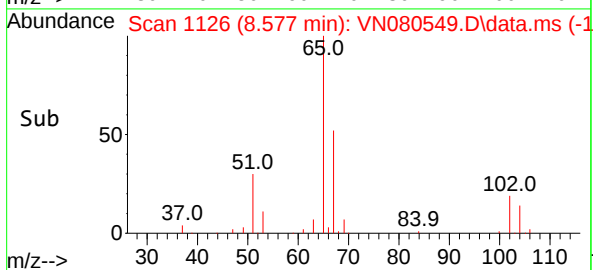
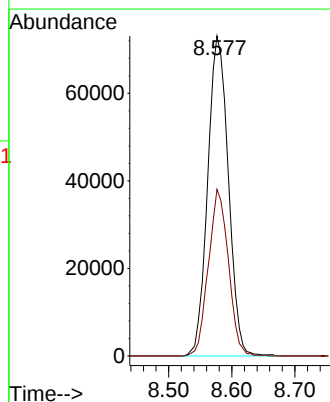
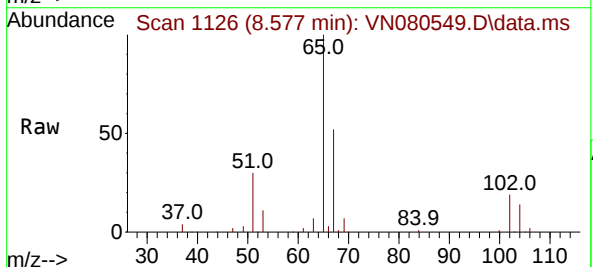
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

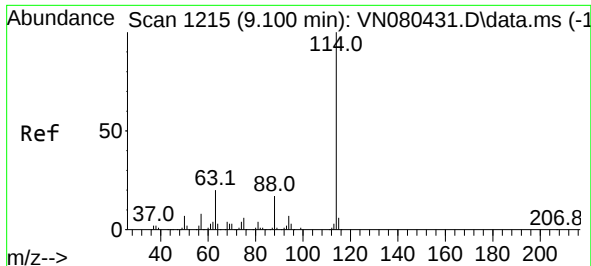
Tgt Ion:168 Resp: 222701
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 58.453 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

Tgt Ion: 65 Resp: 166265
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6

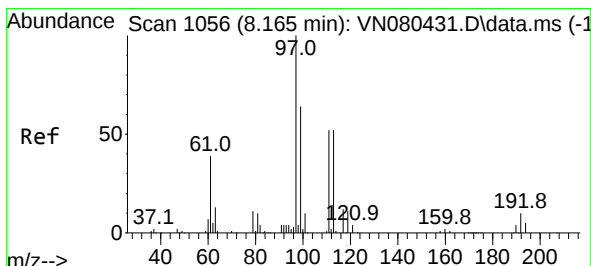
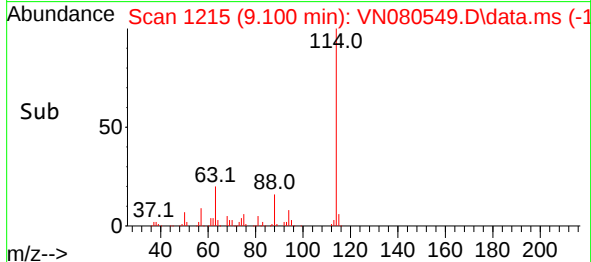
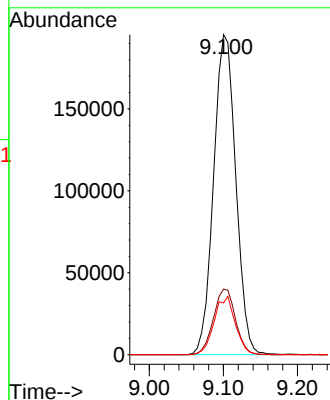
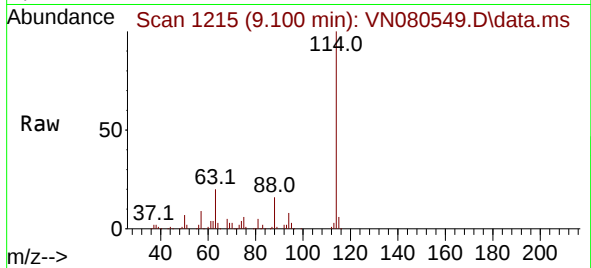




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

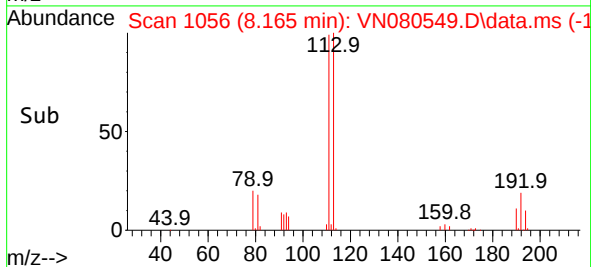
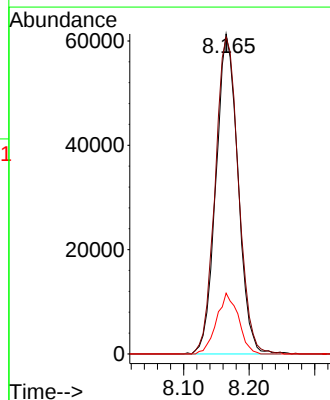
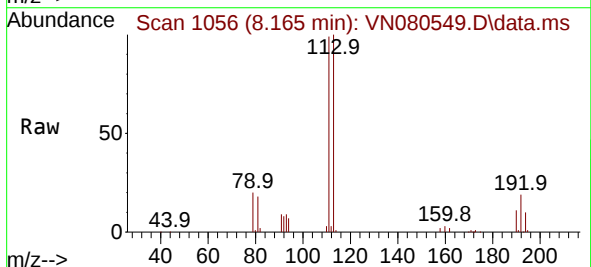
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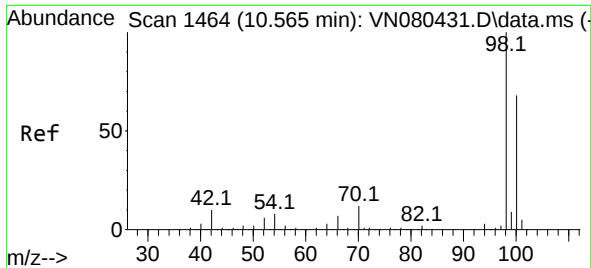
Tgt Ion:114 Resp: 406446
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.362 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

Tgt Ion:113 Resp: 142669
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.9 12.7 19.1

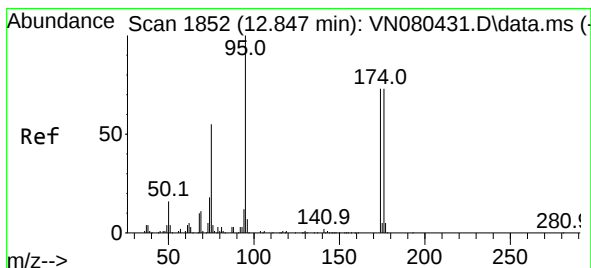
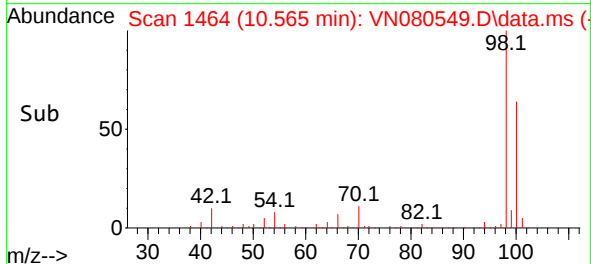
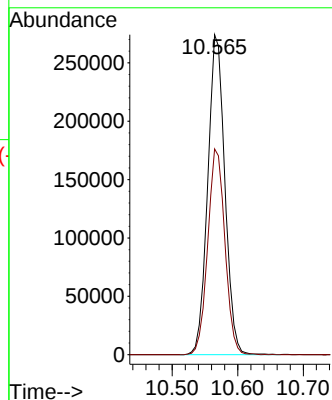
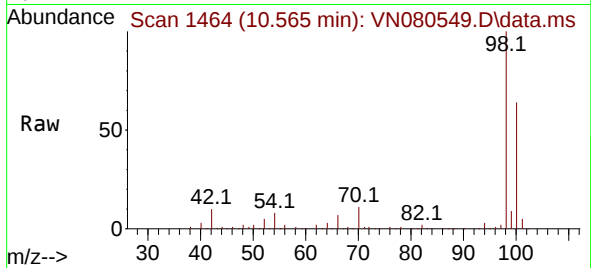




#50
Toluene-d8
Concen: 51.775 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

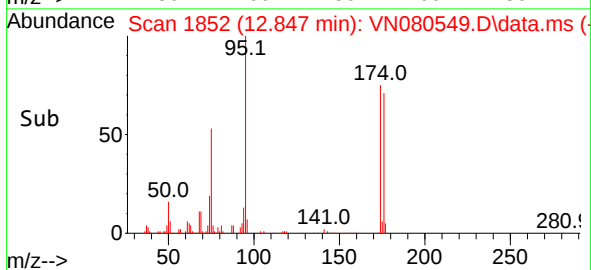
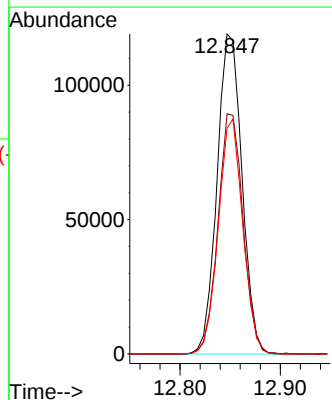
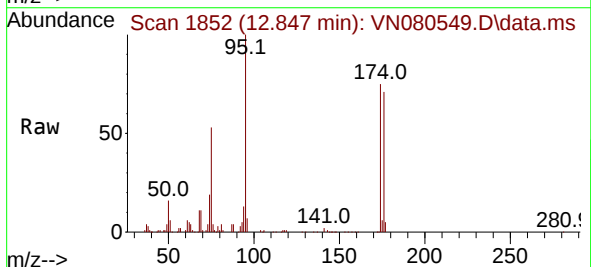
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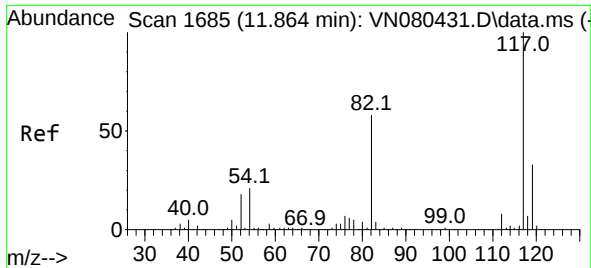
Tgt Ion: 98 Resp: 497611
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 56.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

Tgt Ion: 95 Resp: 205277
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.1 0.0 135.8

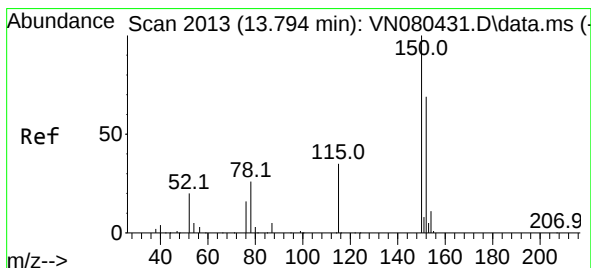
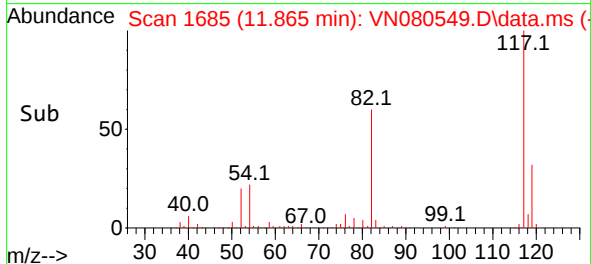
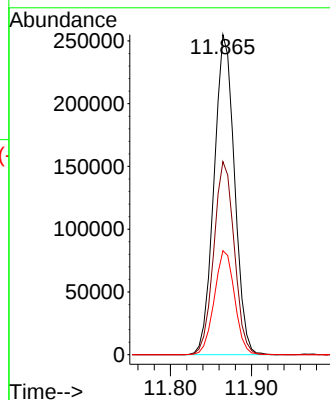
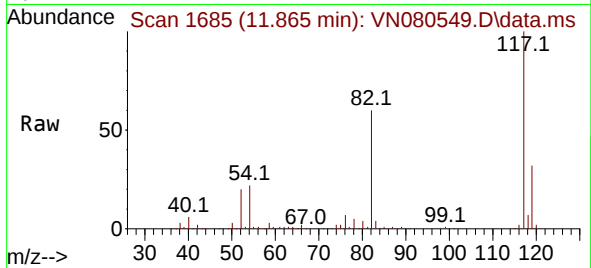




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080549.D
Acq: 20 Dec 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 446581
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 32.5 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: VN080549.D
Acq: 20 Dec 2023 16:07

Tgt Ion:152 Resp: 196657
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 155.7 0.0 355.8

