

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080479.D
 Acq On : 14 Dec 2023 12:35
 Operator : JC\MD
 Sample : VN1214WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL01

Quant Time: Dec 15 00:25:06 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	238949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	440079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157600	51.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.280%
35) Dibromofluoromethane	8.165	113	129867	47.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	10.565	98	472177	46.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.847	95	189571	49.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.340%

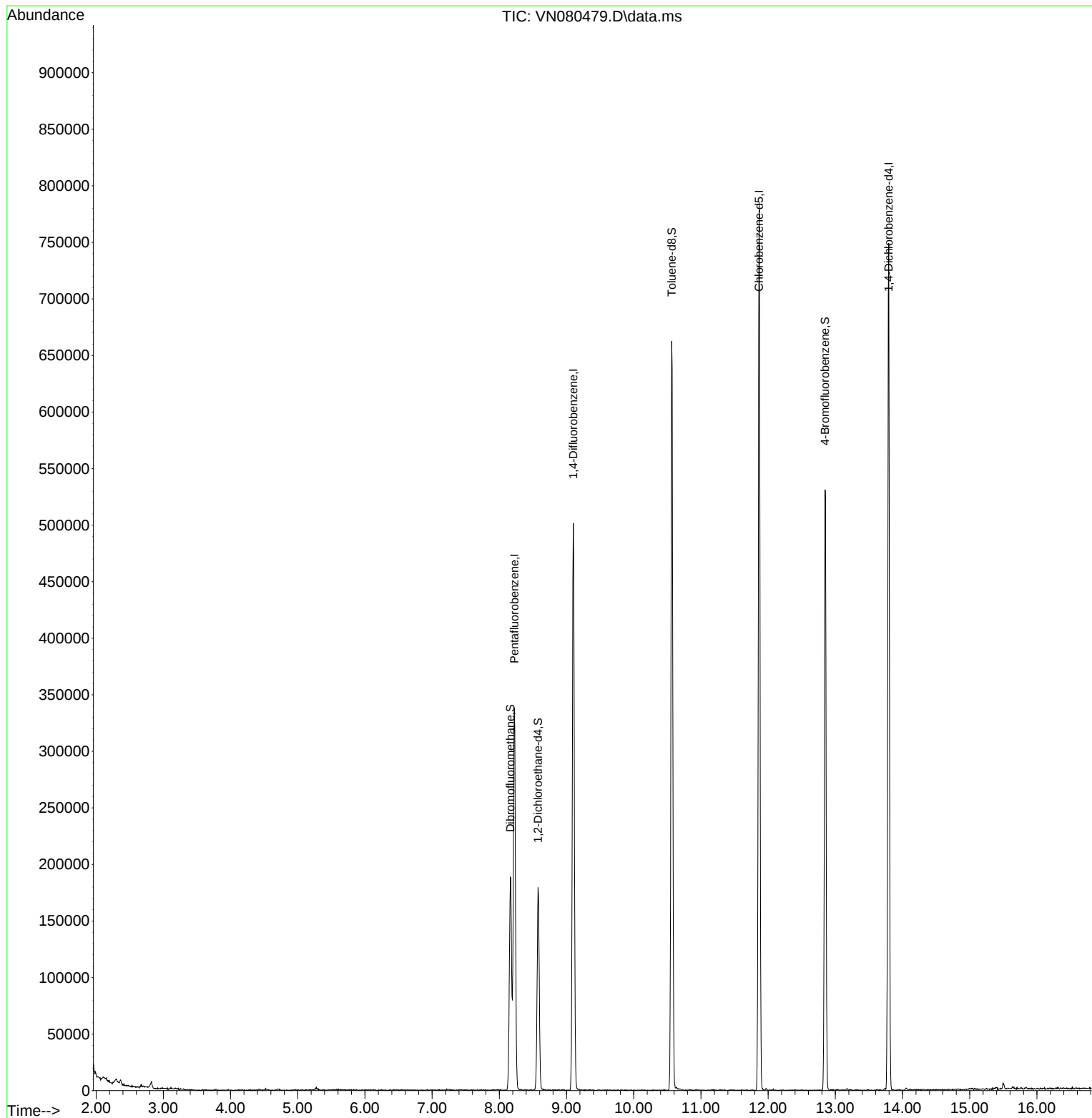
Target Compounds	Qvalue

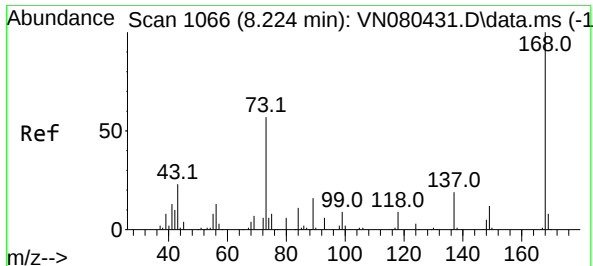
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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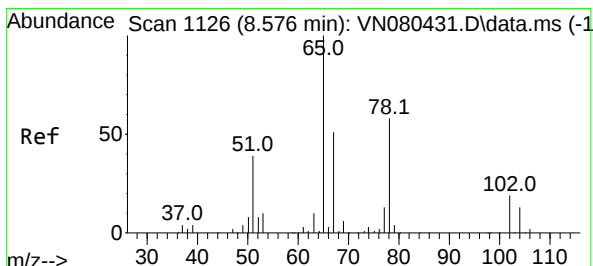
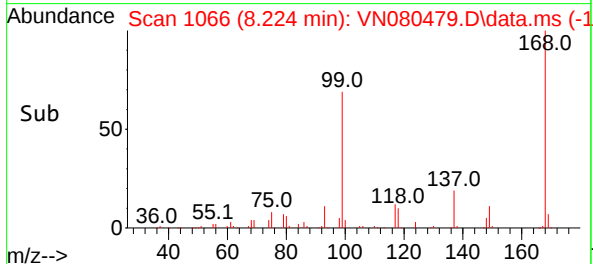
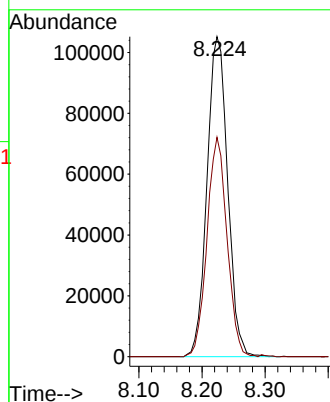
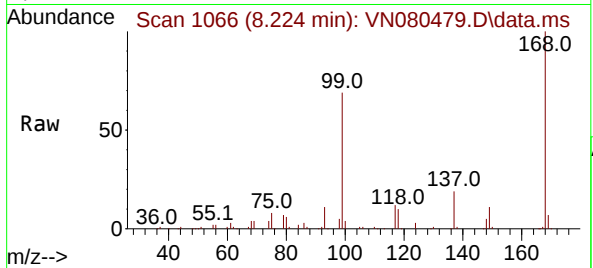




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

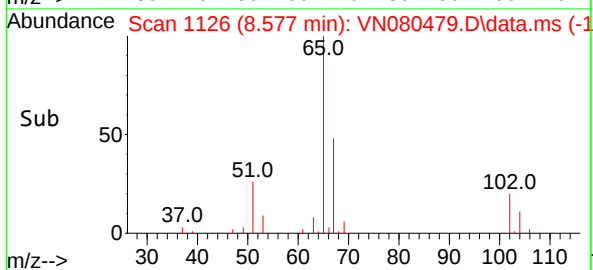
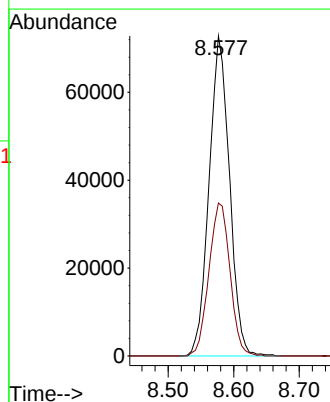
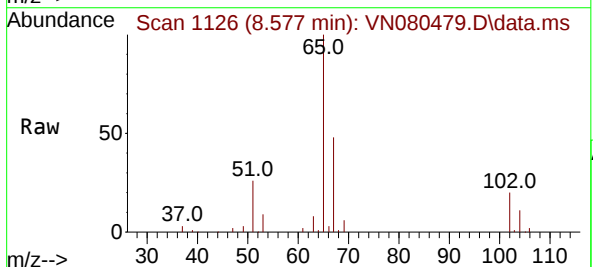
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

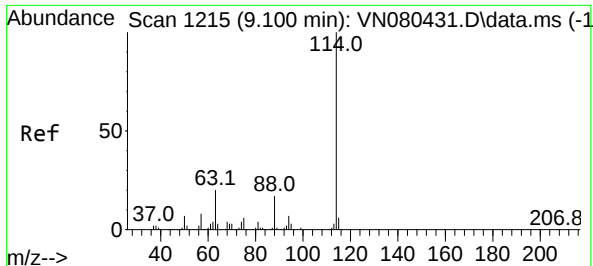
Tgt Ion:168 Resp: 238949
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.640 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

Tgt Ion: 65 Resp: 157600
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.6

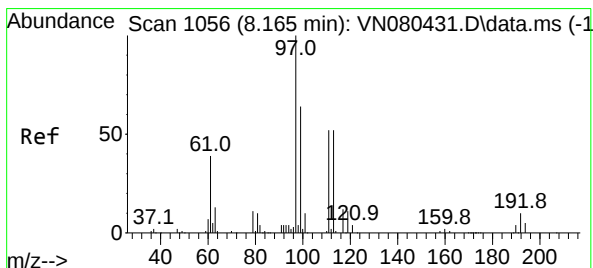
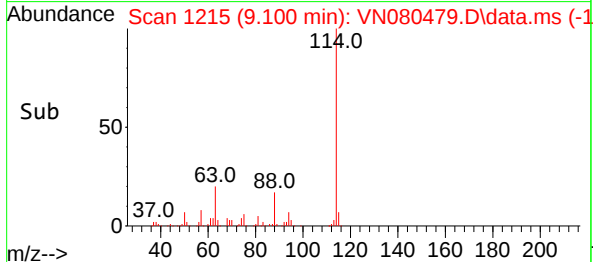
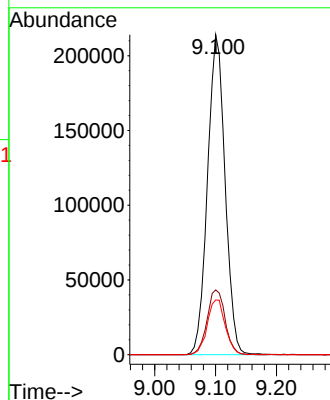
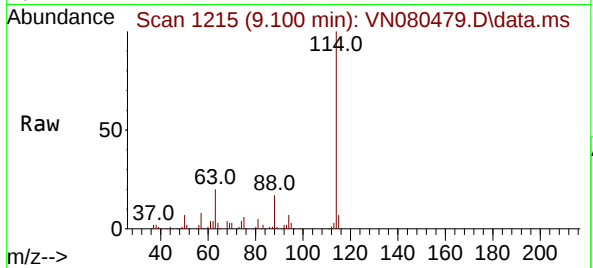




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

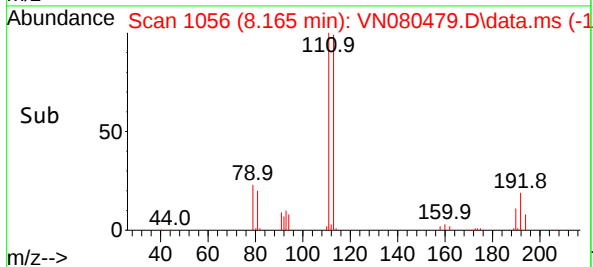
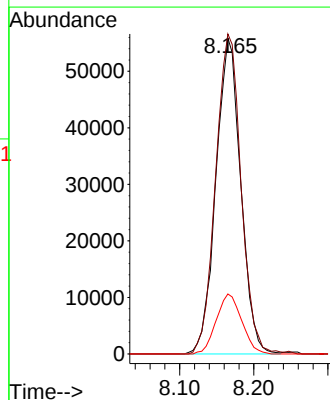
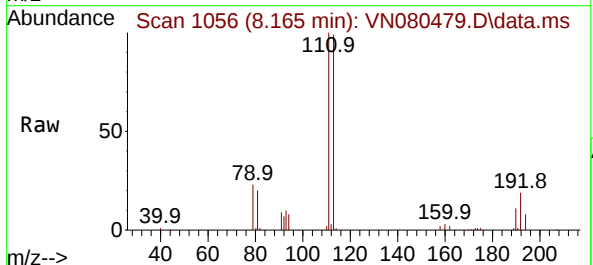
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MSVOA_N
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VN1214WBL01

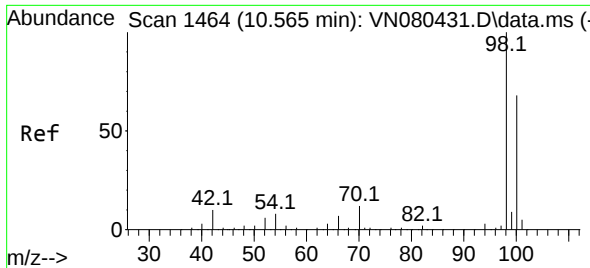
Tgt Ion:114 Resp: 429372
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.703 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

Tgt Ion:113 Resp: 129867
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.5 12.7 19.1#

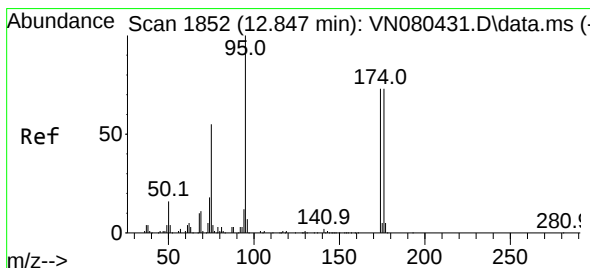
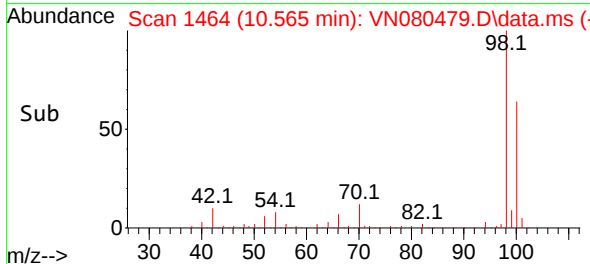
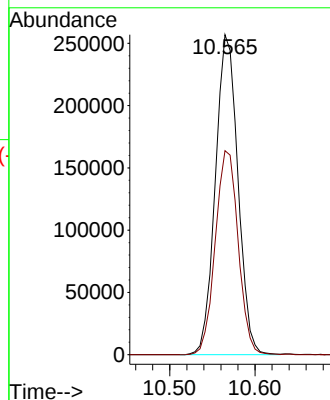
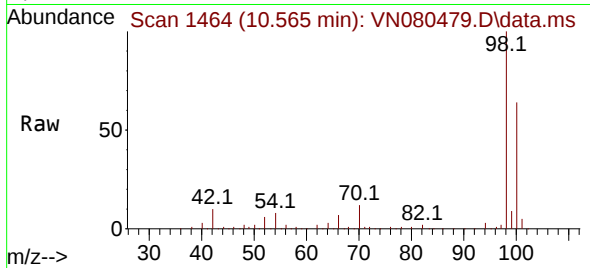




#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

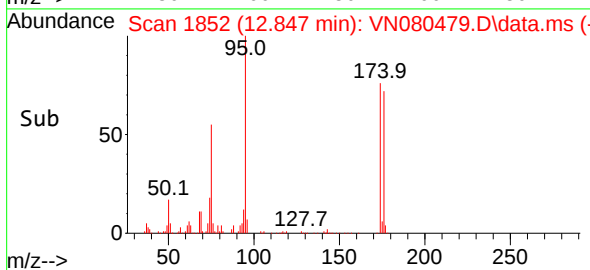
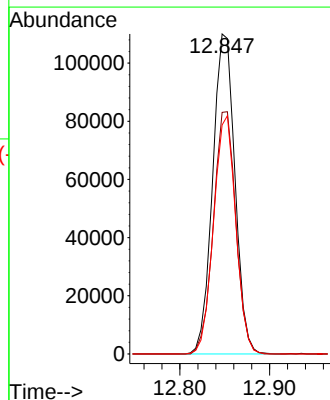
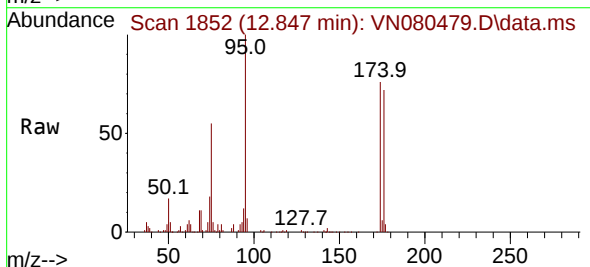
Instrument :
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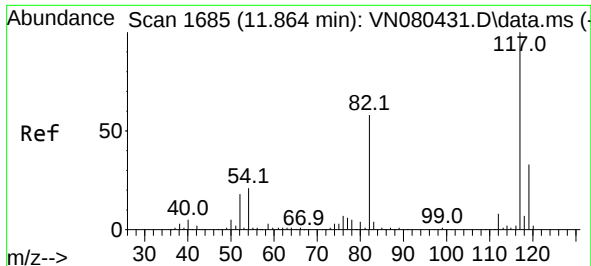
Tgt Ion: 98 Resp: 472177
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

Tgt Ion: 95 Resp: 189571
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 74.0 0.0 135.8

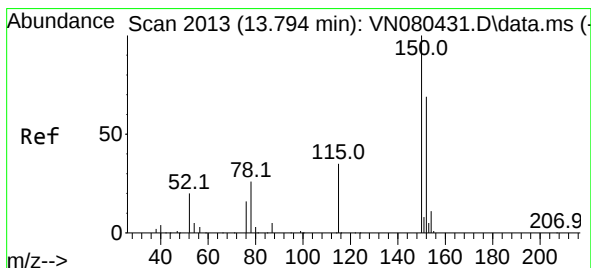
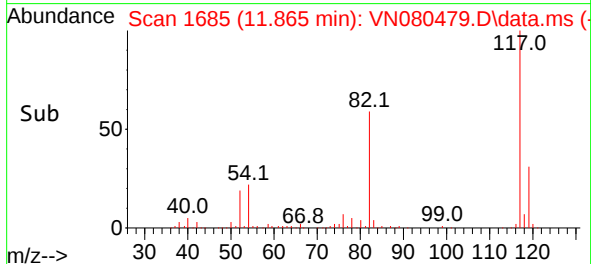
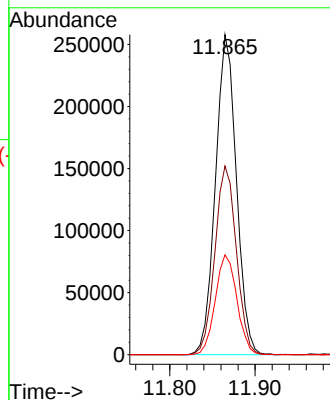
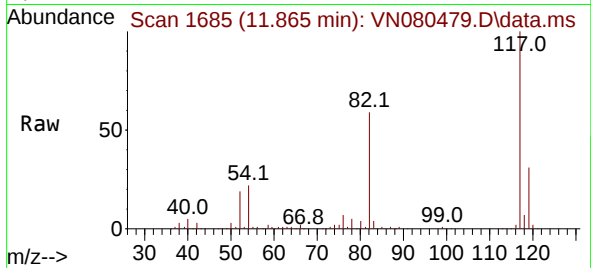




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080479.D
Acq: 14 Dec 2023 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

Tgt Ion:117 Resp: 440079
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 31.2 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: VN080479.D
Acq: 14 Dec 2023 12:35

Tgt Ion:152 Resp: 201622
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 155.6 0.0 355.8

