

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081438.D
 Acq On : 15 Mar 2024 20:29
 Operator : JC\MD
 Sample : P1772-10 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1352

Quant Time: Mar 15 23:39:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	294381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228774	53.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.500%
35) Dibromofluoromethane	8.165	113	171582	51.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.570	98	654897	53.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.853	95	200369	45.880	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.760%

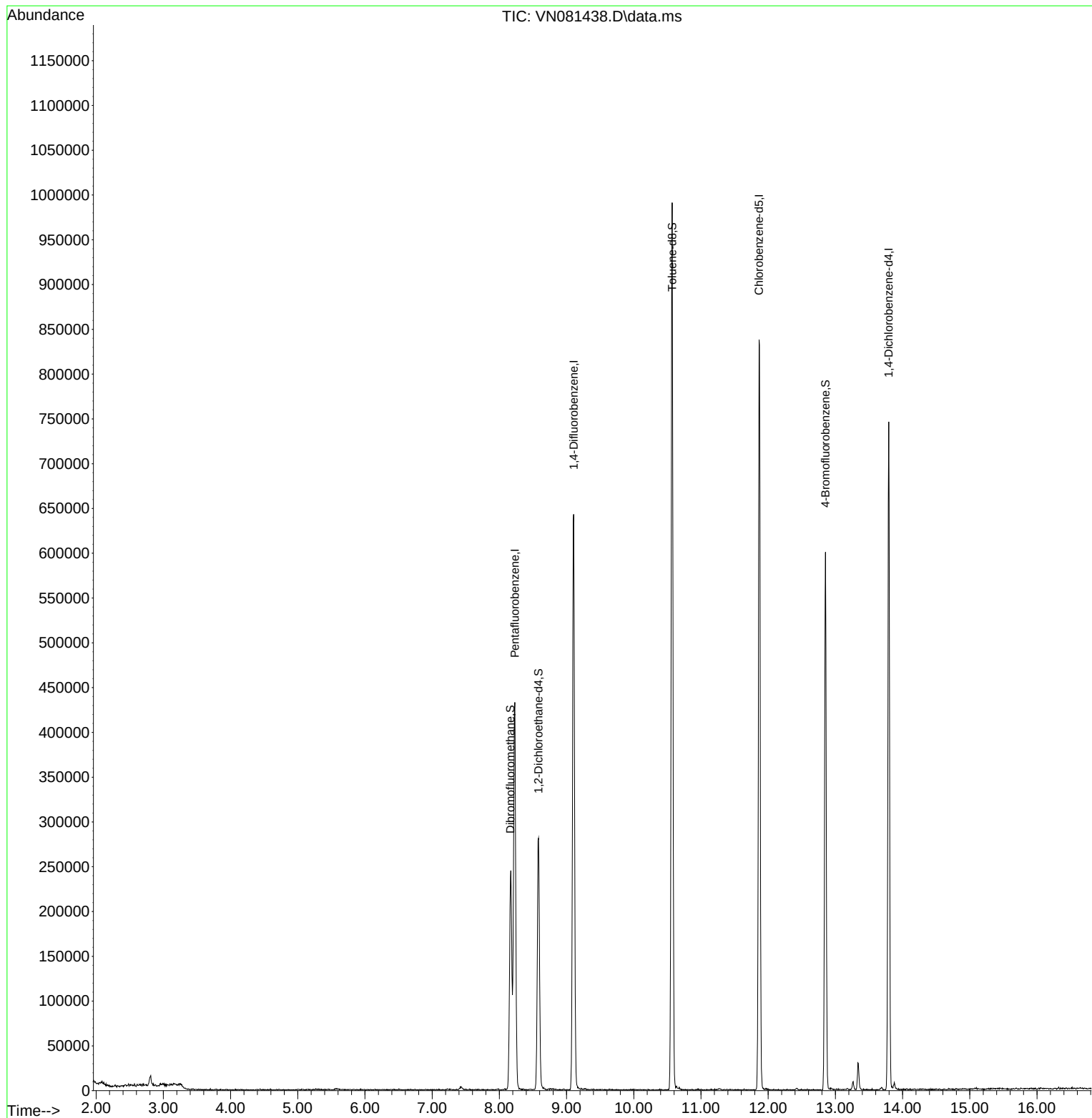
Target Compounds	Qvalue

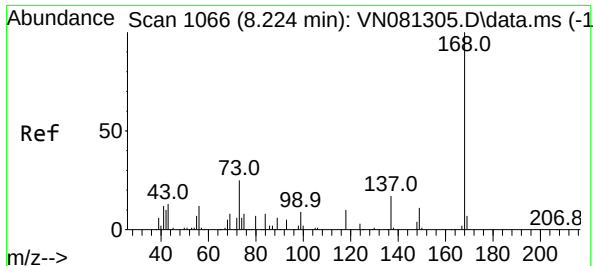
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1352

Quant Time: Mar 15 23:39:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

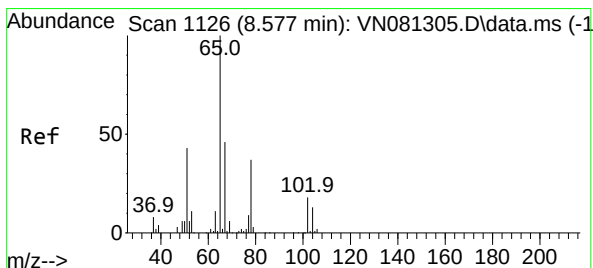
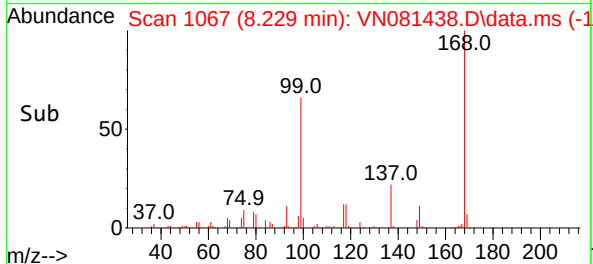
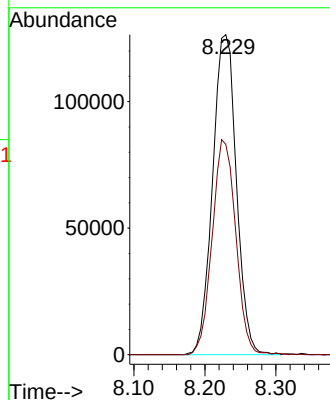
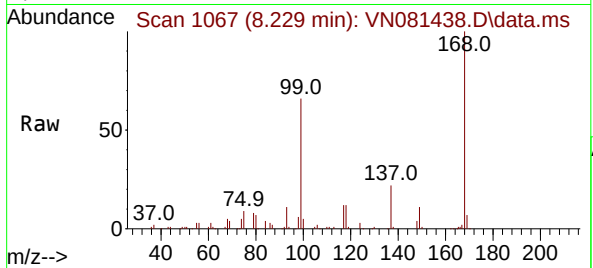




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

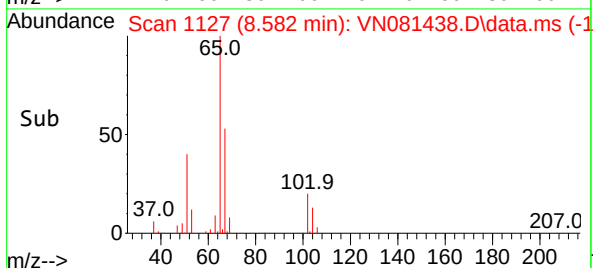
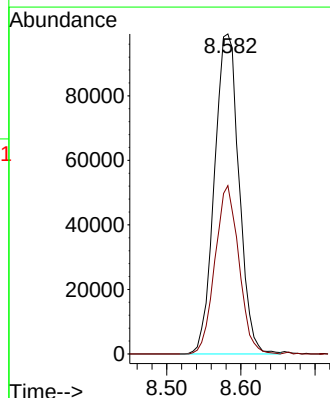
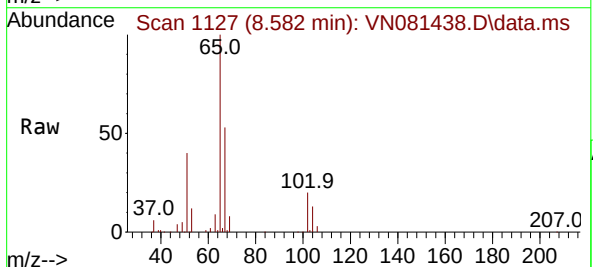
Instrument :
MSVOA_N
ClientSampleId :
1352

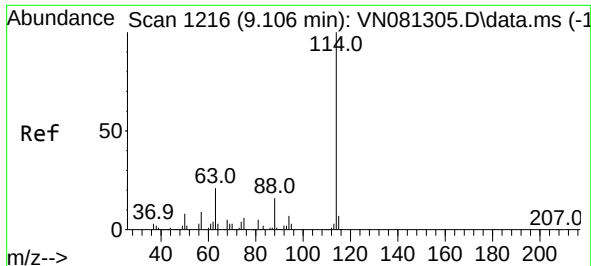
Tgt Ion:168 Resp: 294381
Ion Ratio Lower Upper
168 100
99 65.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.748 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 65 Resp: 228774
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

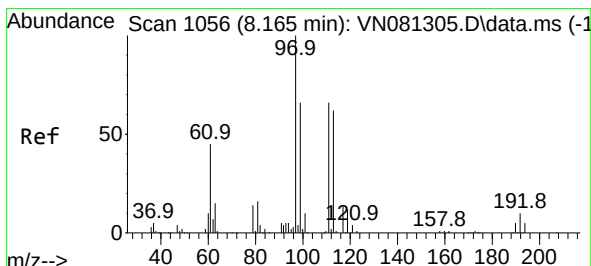
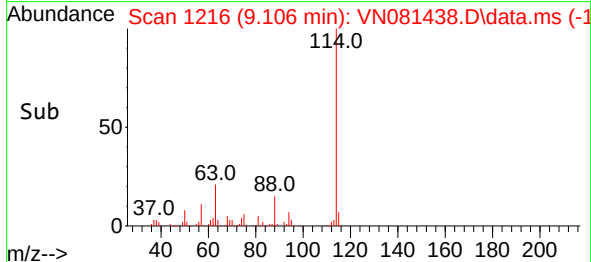
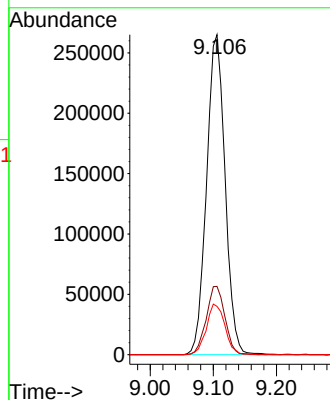
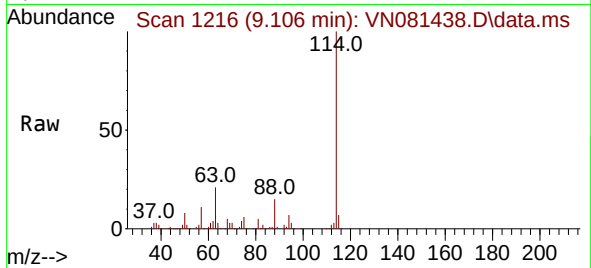




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

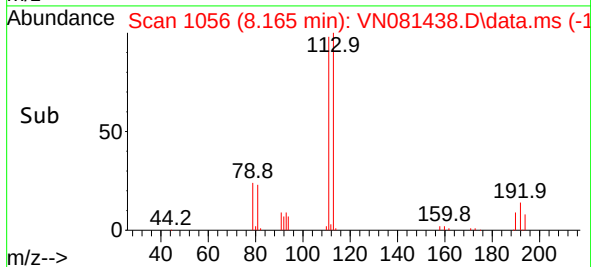
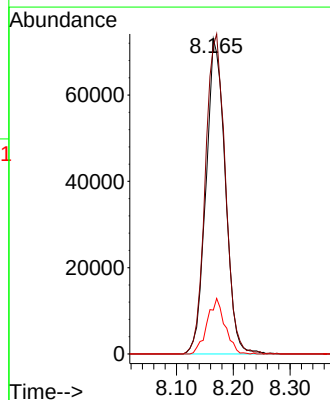
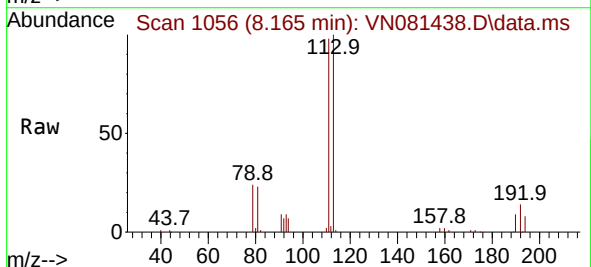
Instrument :
MSVOA_N
ClientSampleId :
1352

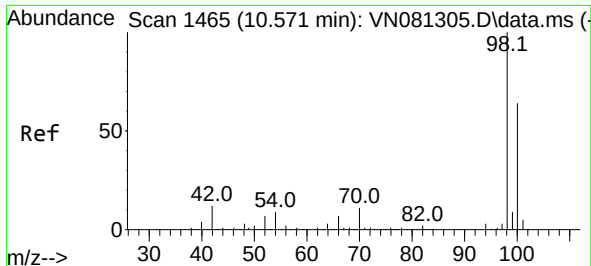
Tgt Ion:114 Resp: 539516
Ion Ratio Lower Upper
114 100
63 21.4 0.0 48.0
88 15.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.909 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion:113 Resp: 171582
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 16.3 12.5 18.7

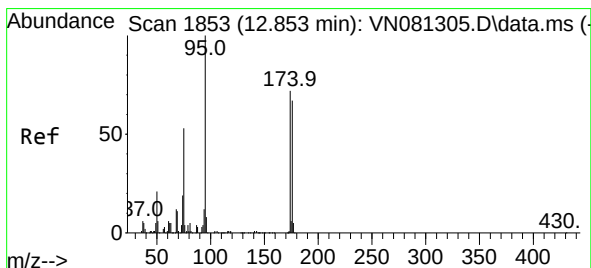
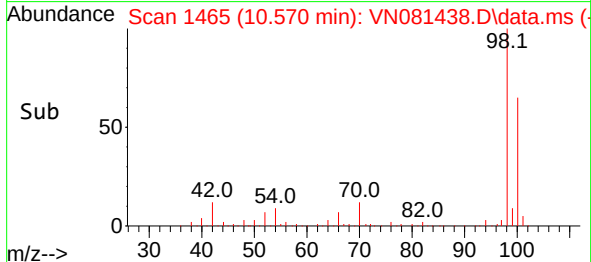
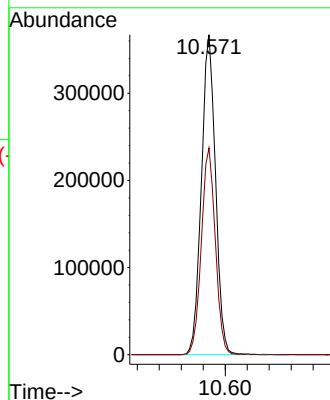
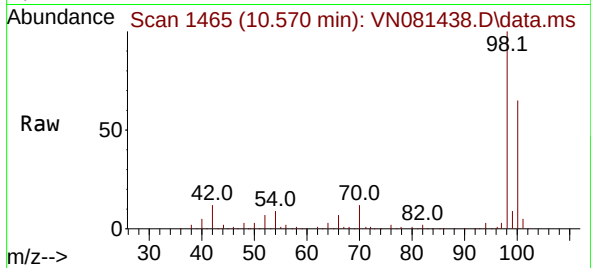




#50
Toluene-d8
Concen: 53.000 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

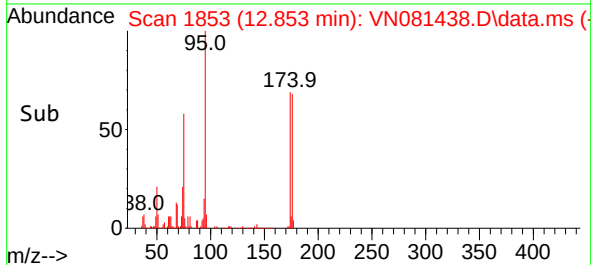
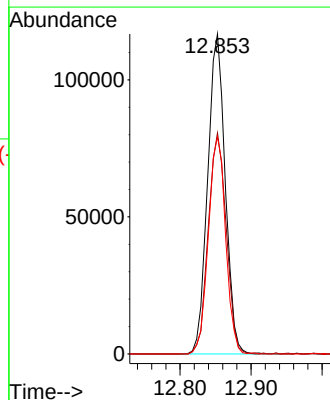
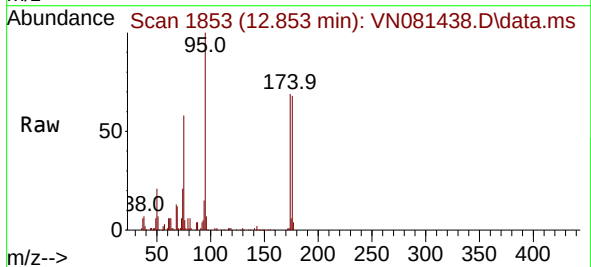
Instrument :
MSVOA_N
ClientSampleId :
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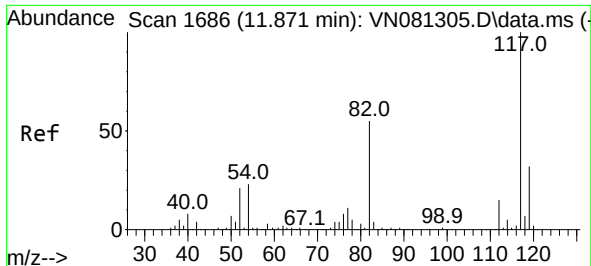
Tgt Ion: 98 Resp: 654897
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion: 95 Resp: 200369
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 66.8 0.0 121.0

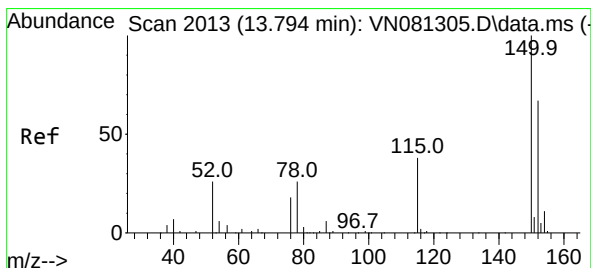
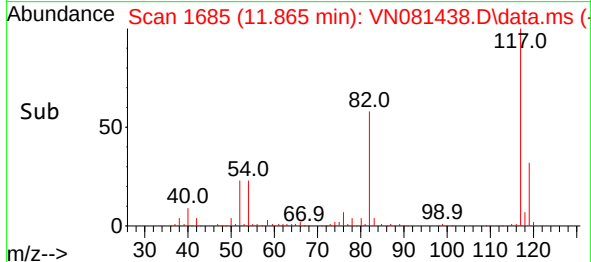
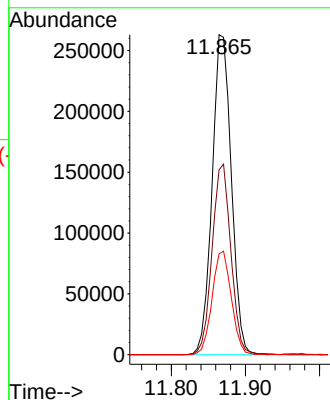
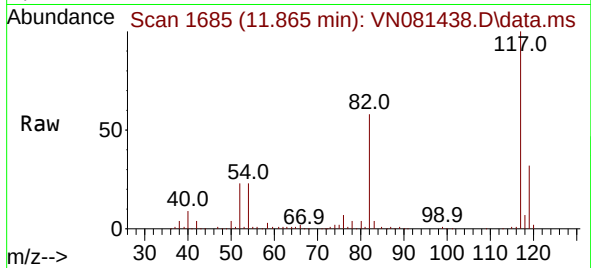




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Instrument :
MSVOA_N
ClientSampleId :
1352

Tgt Ion:117 Resp: 473466
Ion Ratio Lower Upper
117 100
82 57.8 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081438.D
Acq: 15 Mar 2024 20:29

Tgt Ion:152 Resp: 186494
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.7 0.0 339.8

