

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081434.D
 Acq On : 15 Mar 2024 18:53
 Operator : JC\MD
 Sample : P1769-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-14-24

Quant Time: Mar 15 23:38:10 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	8.230	168	294076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230240	54.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.300%
35) Dibromofluoromethane	8.171	113	175987	53.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.300%
50) Toluene-d8	10.571	98	648716	52.902	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.853	95	193730	44.699	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.400%

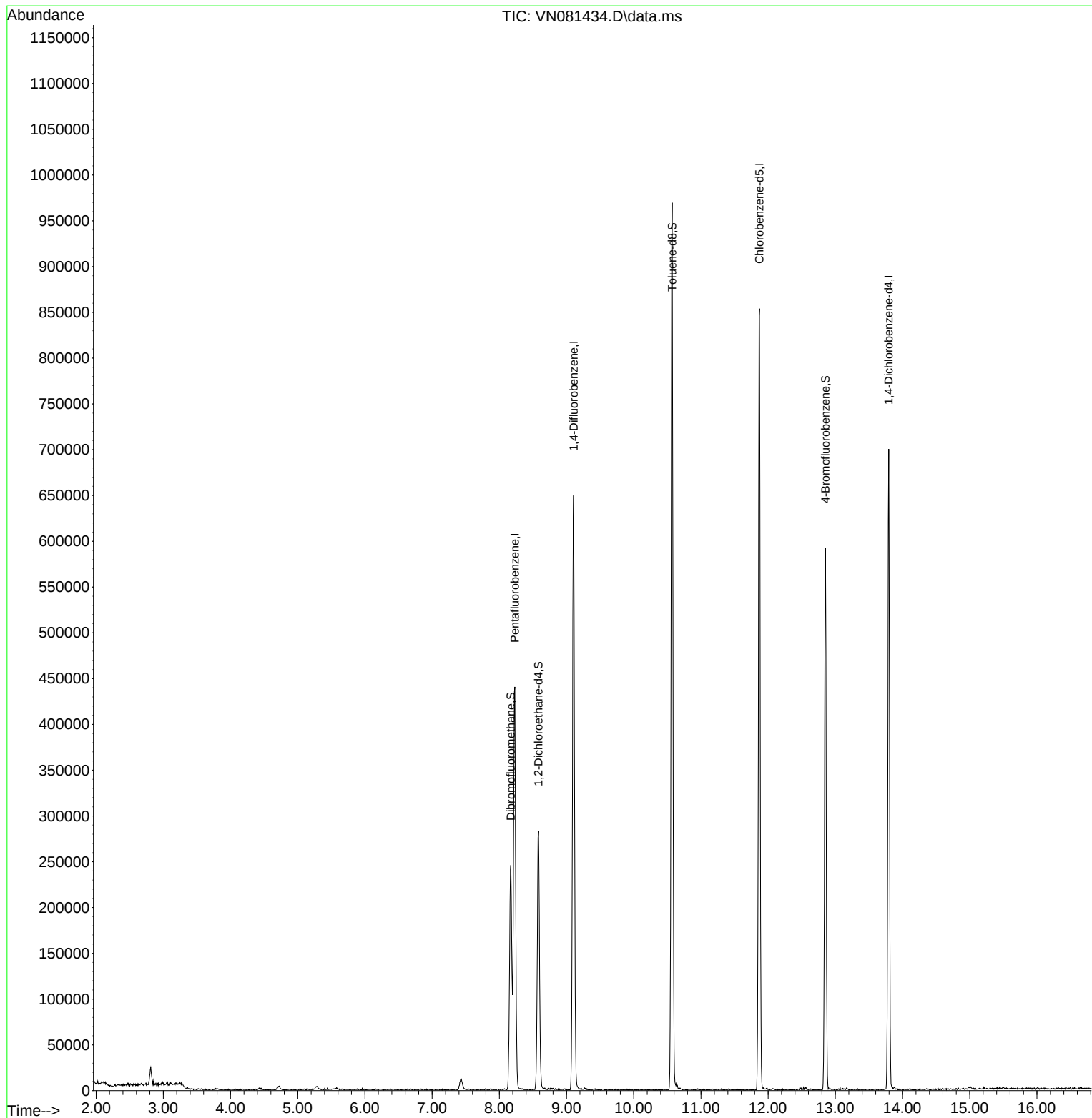
Target Compounds	Qvalue

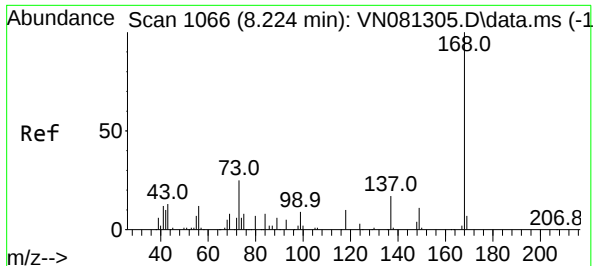
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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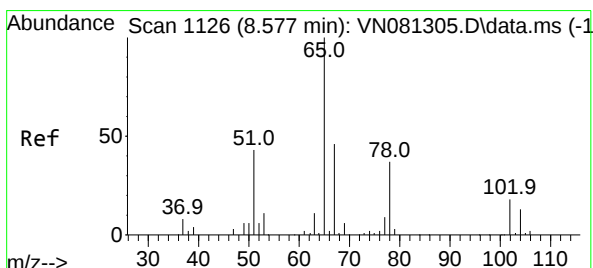
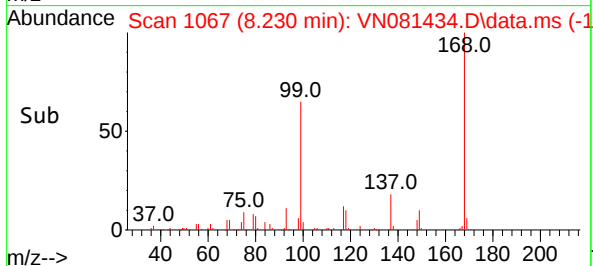
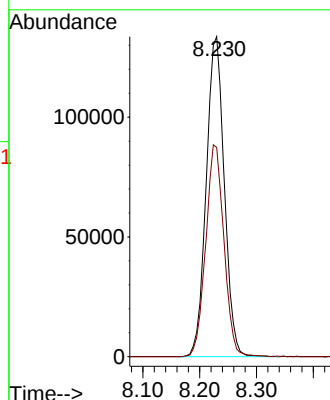
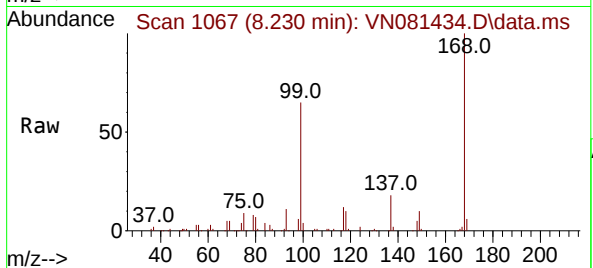




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

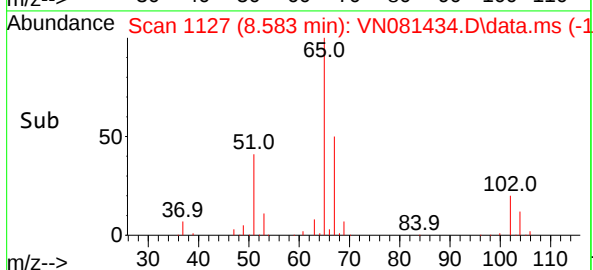
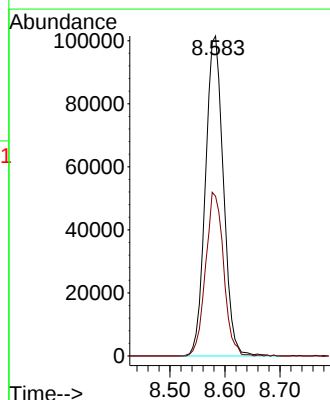
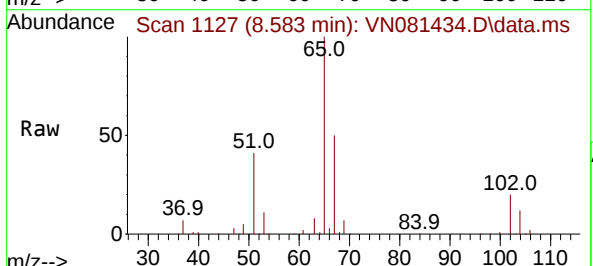
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

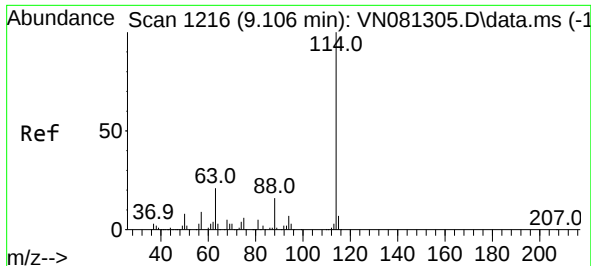
Tgt Ion:168 Resp: 294076
Ion Ratio Lower Upper
168 100
99 65.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.148 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 65 Resp: 230240
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

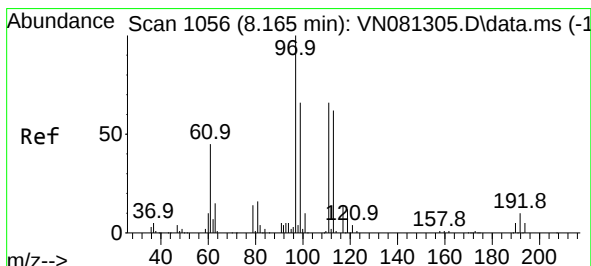
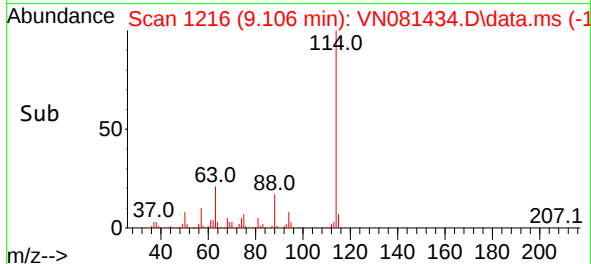
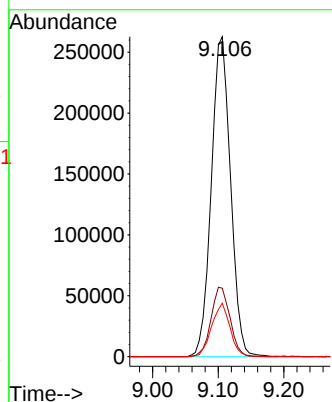
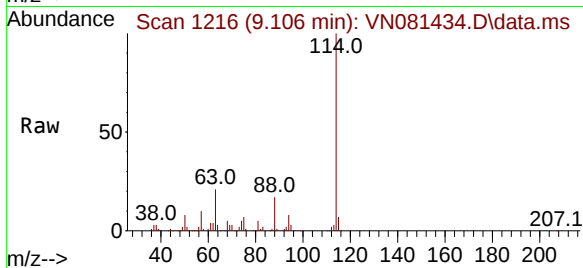




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

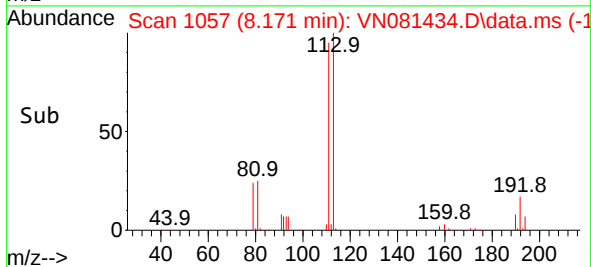
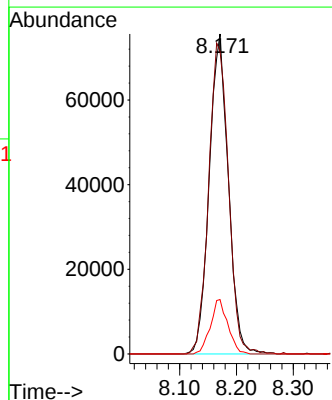
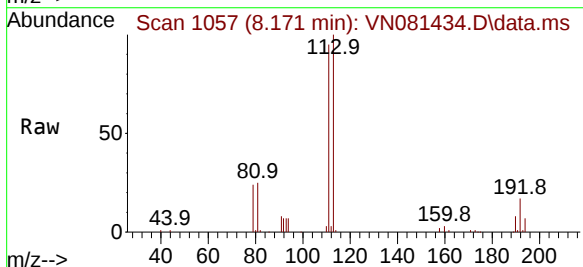
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

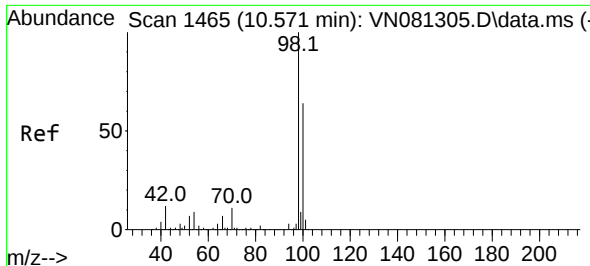
Tgt Ion:114 Resp: 535414
Ion Ratio Lower Upper
114 100
63 21.4 0.0 48.0
88 16.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.650 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion:113 Resp: 175987
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 15.5 12.5 18.7

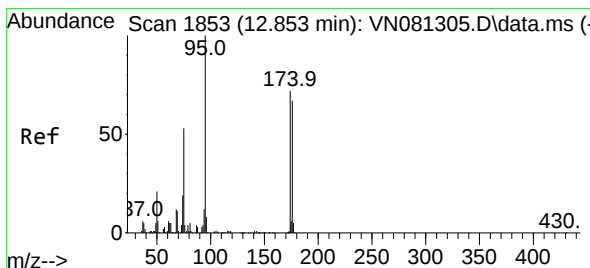
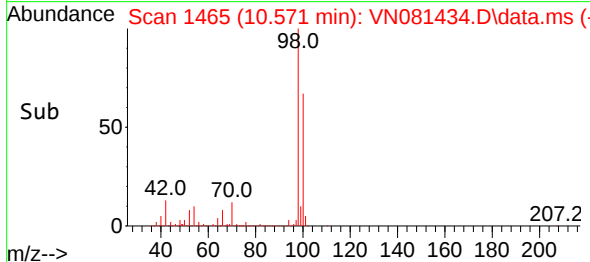
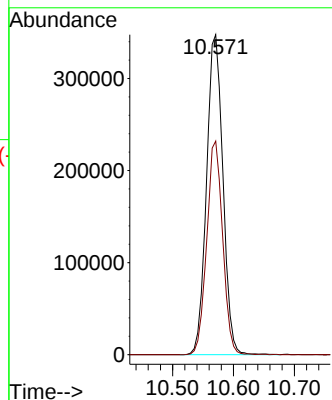
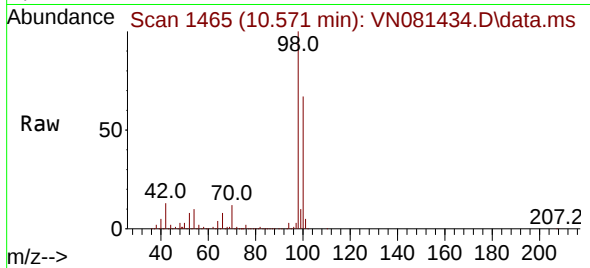




#50
Toluene-d8
Concen: 52.902 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

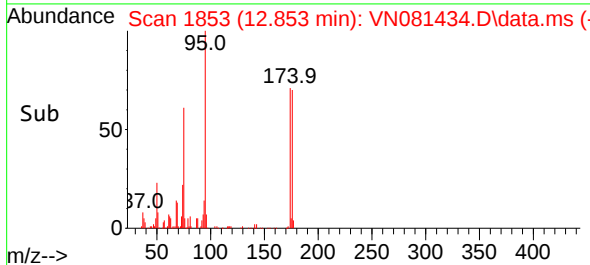
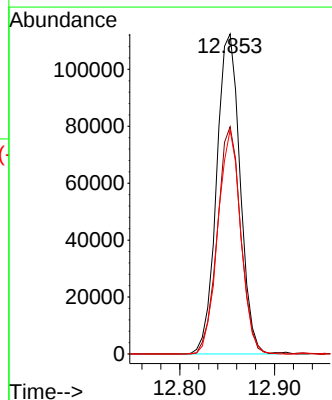
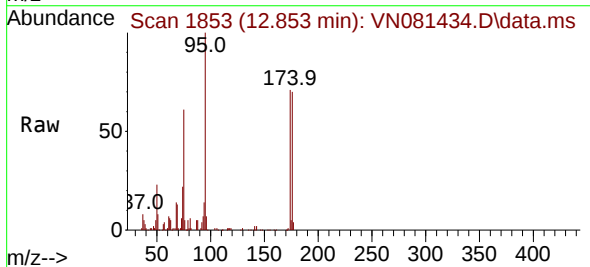
Instrument :
MSVOA_N
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FB-3-14-24

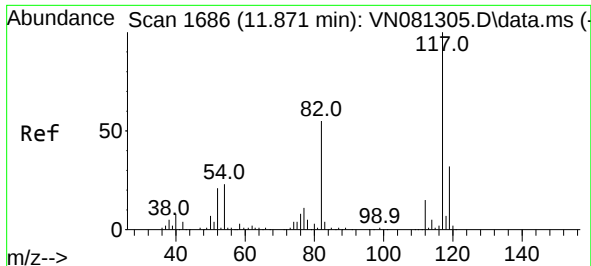
Tgt Ion: 98 Resp: 648716
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.699 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion: 95 Resp: 193730
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 68.3 0.0 121.0

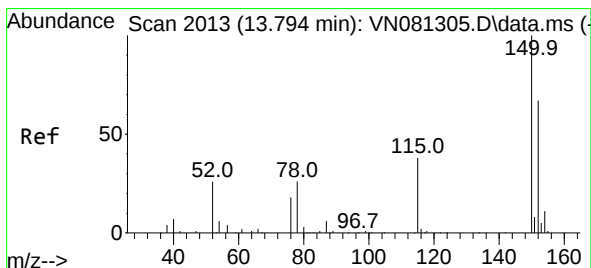
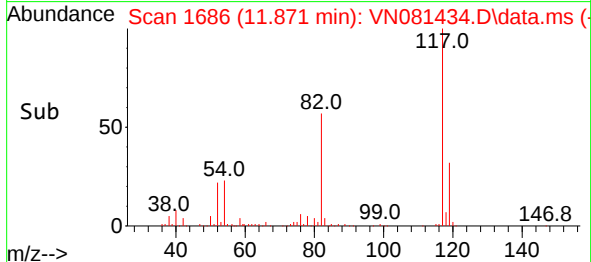
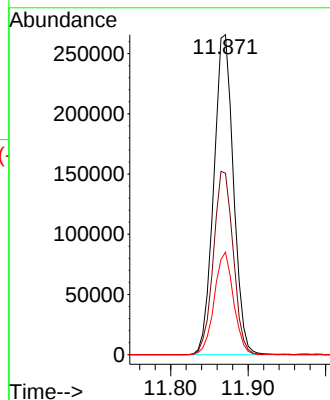
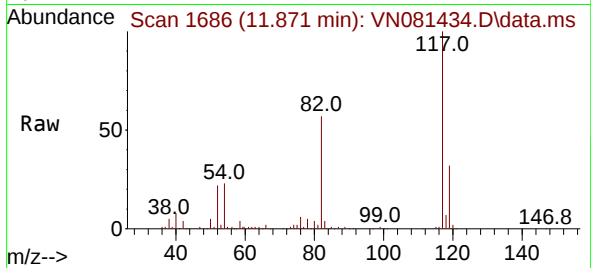




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081434.D
Acq: 15 Mar 2024 18:53

Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24

Tgt Ion:117 Resp: 468767
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 32.1 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: VN081434.D
Acq: 15 Mar 2024 18:53

Tgt Ion:152 Resp: 171254
Ion Ratio Lower Upper
152 100
115 66.9 32.3 96.8
150 158.6 0.0 339.8

