

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081443.D
 Acq On : 15 Mar 2024 22:28
 Operator : JC\MD
 Sample : P1782-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 15 23:41:21 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	268033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215512	55.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.220%
35) Dibromofluoromethane	8.171	113	163292	53.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.160%
50) Toluene-d8	10.570	98	609598	53.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.853	95	179364	44.127	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.260%

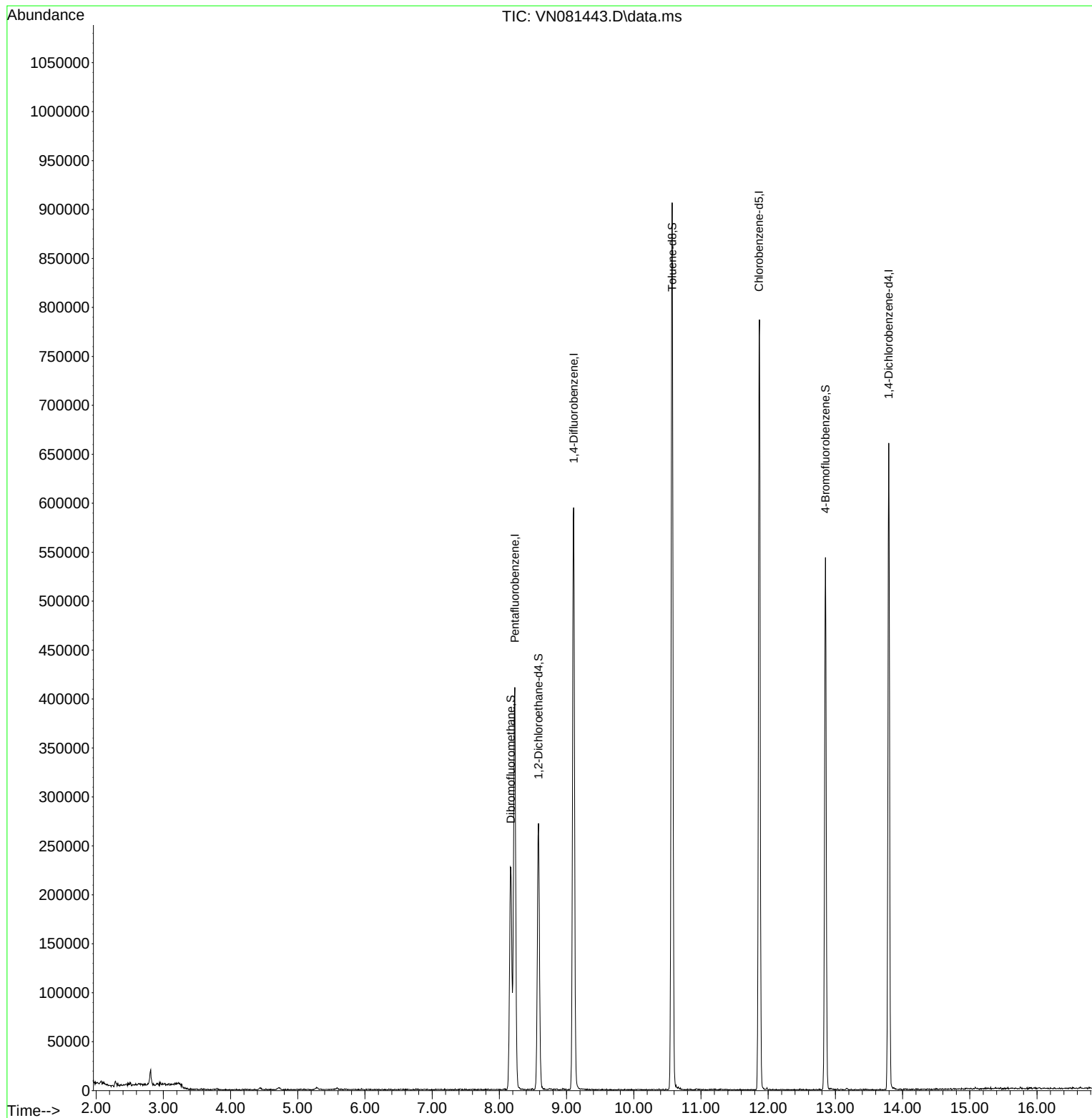
Target Compounds	Qvalue

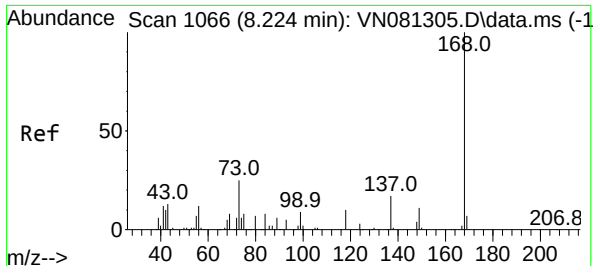
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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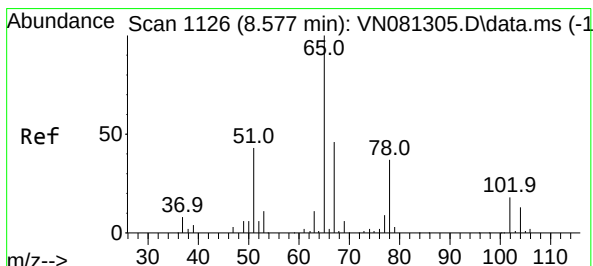
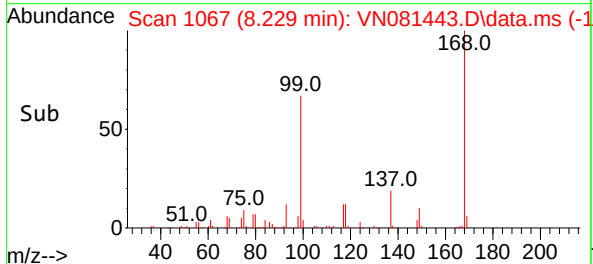
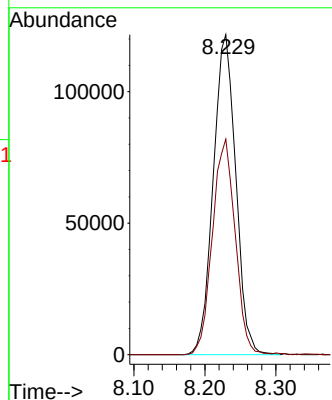
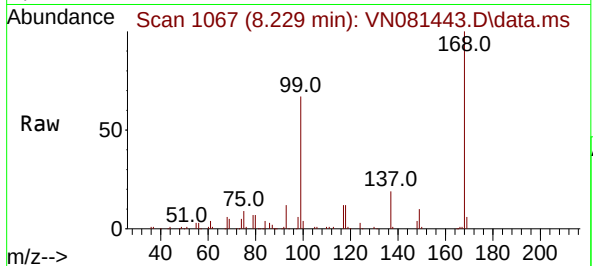




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

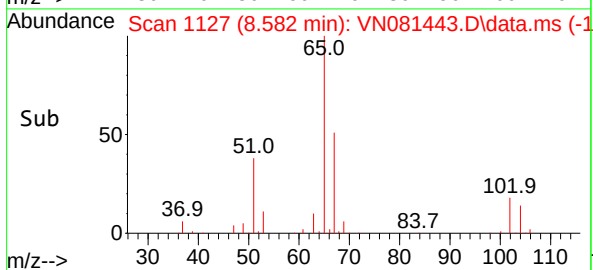
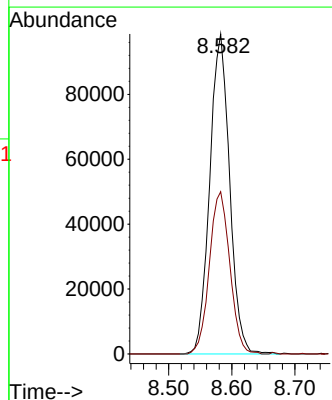
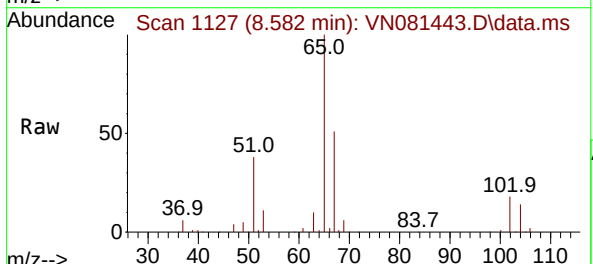
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

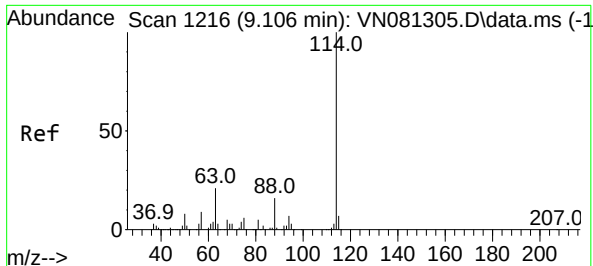
Tgt Ion:168 Resp: 268033
Ion Ratio Lower Upper
168 100
99 67.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 55.609 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 65 Resp: 215512
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4

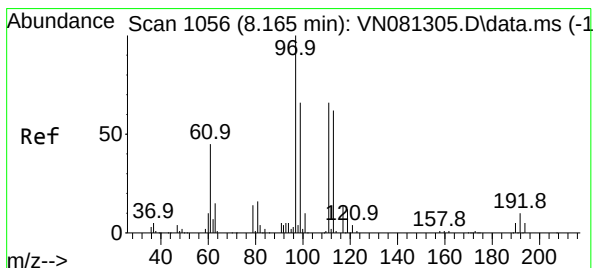
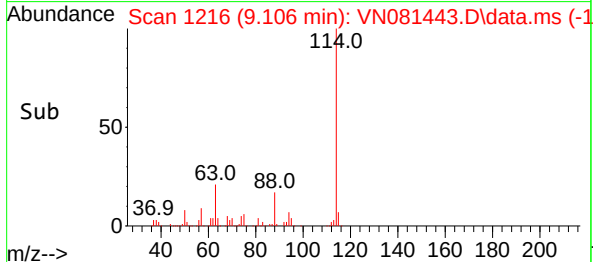
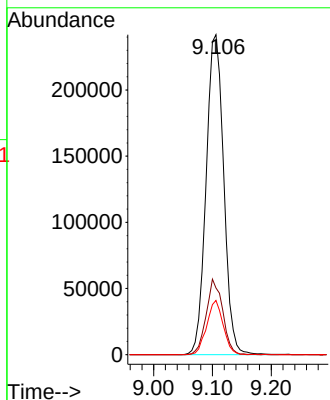
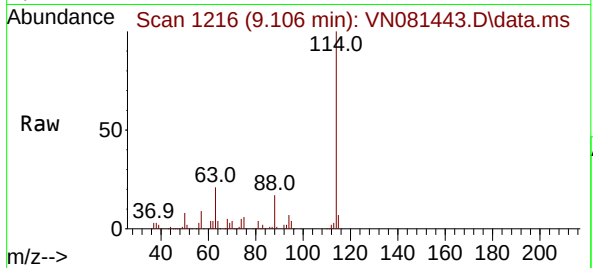




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

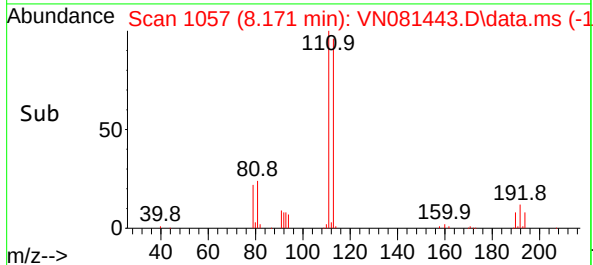
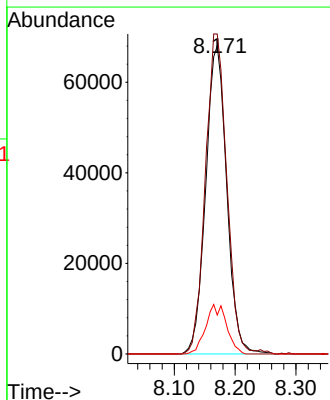
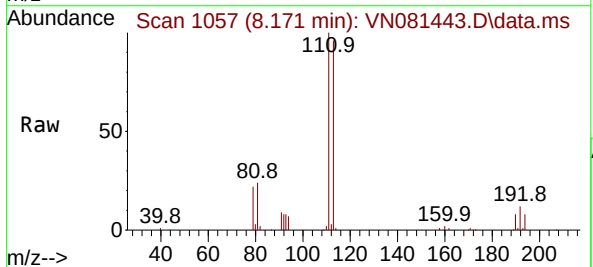
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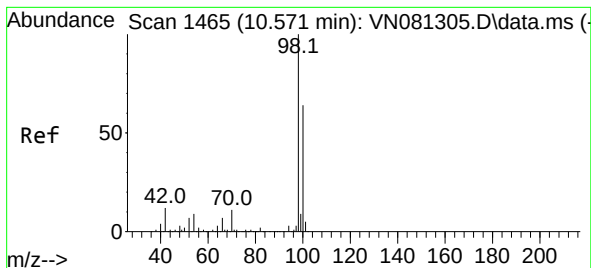
Tgt Ion:114 Resp: 502146
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 16.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 53.078 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion:113 Resp: 163292
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 16.0 12.5 18.7

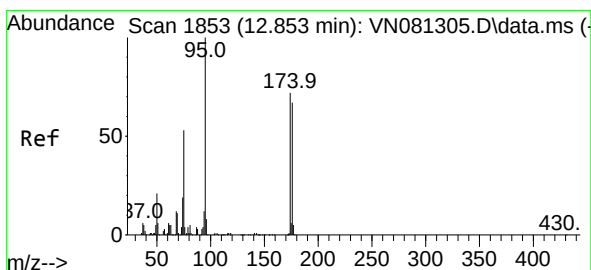
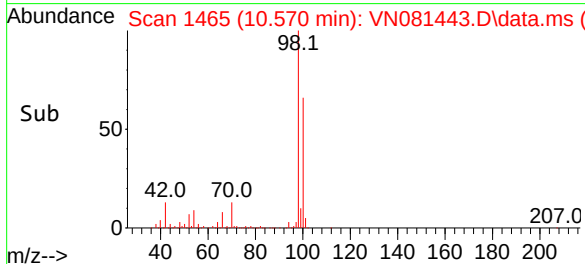
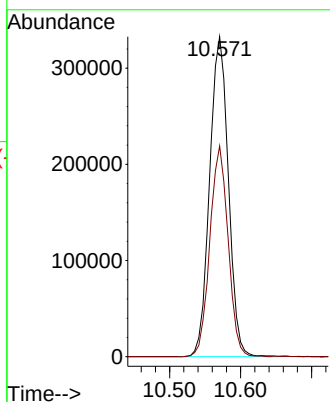
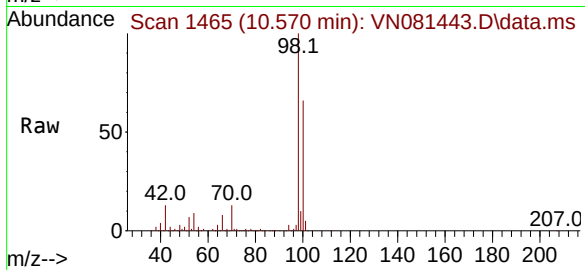




#50
Toluene-d8
Concen: 53.006 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

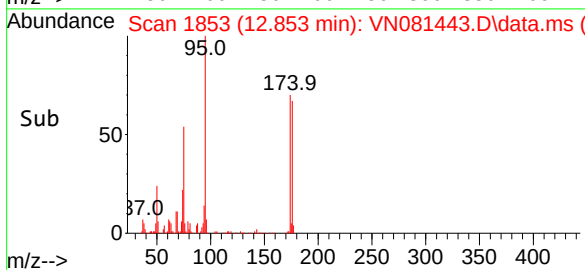
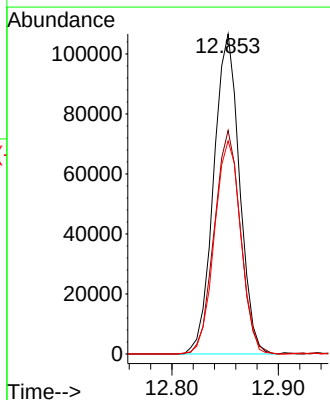
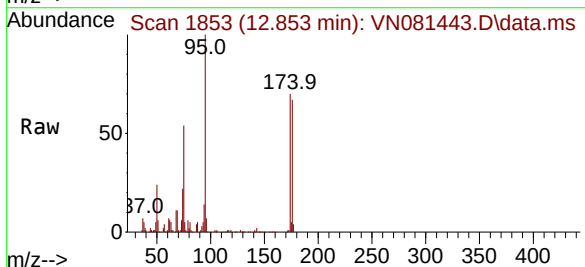
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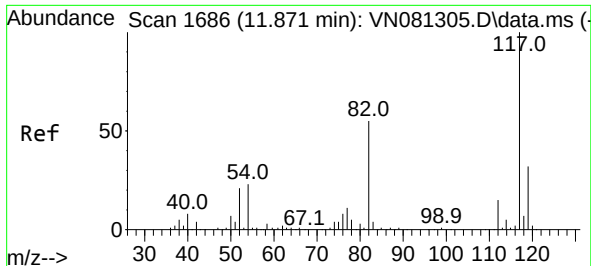
Tgt Ion: 98 Resp: 609598
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 95 Resp: 179364
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 68.2 0.0 121.0

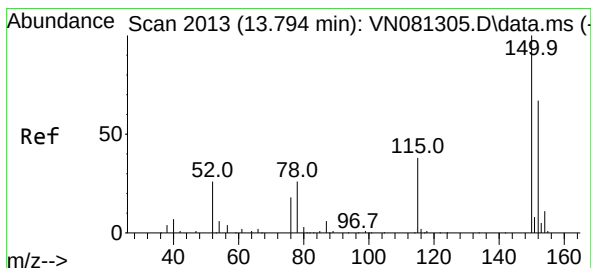
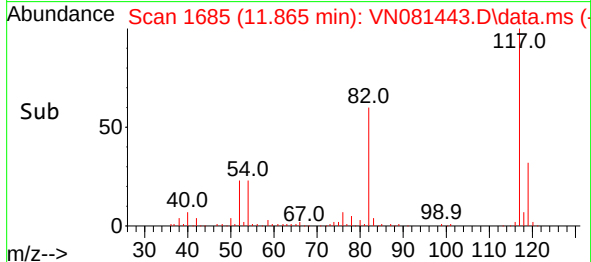
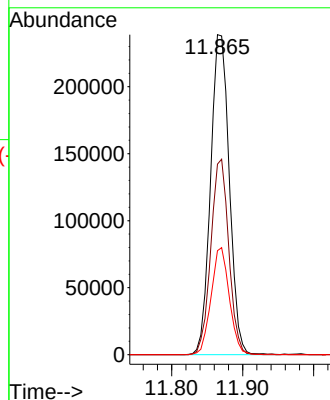
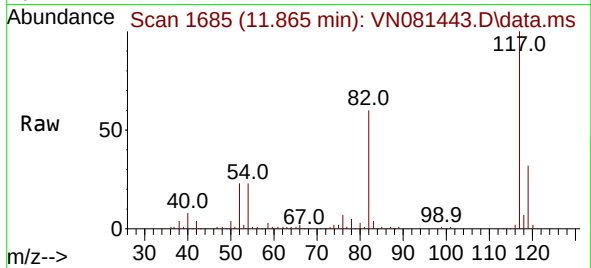




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 436593
Ion Ratio Lower Upper
117 100
82 59.5 52.7 79.1
119 32.5 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: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion:152 Resp: 165159
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 156.5 0.0 339.8

