

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081315.D
 Acq On : 06 Mar 2024 10:28
 Operator : JC\MD
 Sample : VN0306WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBL01

Quant Time: Mar 07 00:21:48 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	319656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	502148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230173	49.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.600%
35) Dibromofluoromethane	8.171	113	183027	50.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	10.570	98	689020	51.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	216568	45.368	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.740%

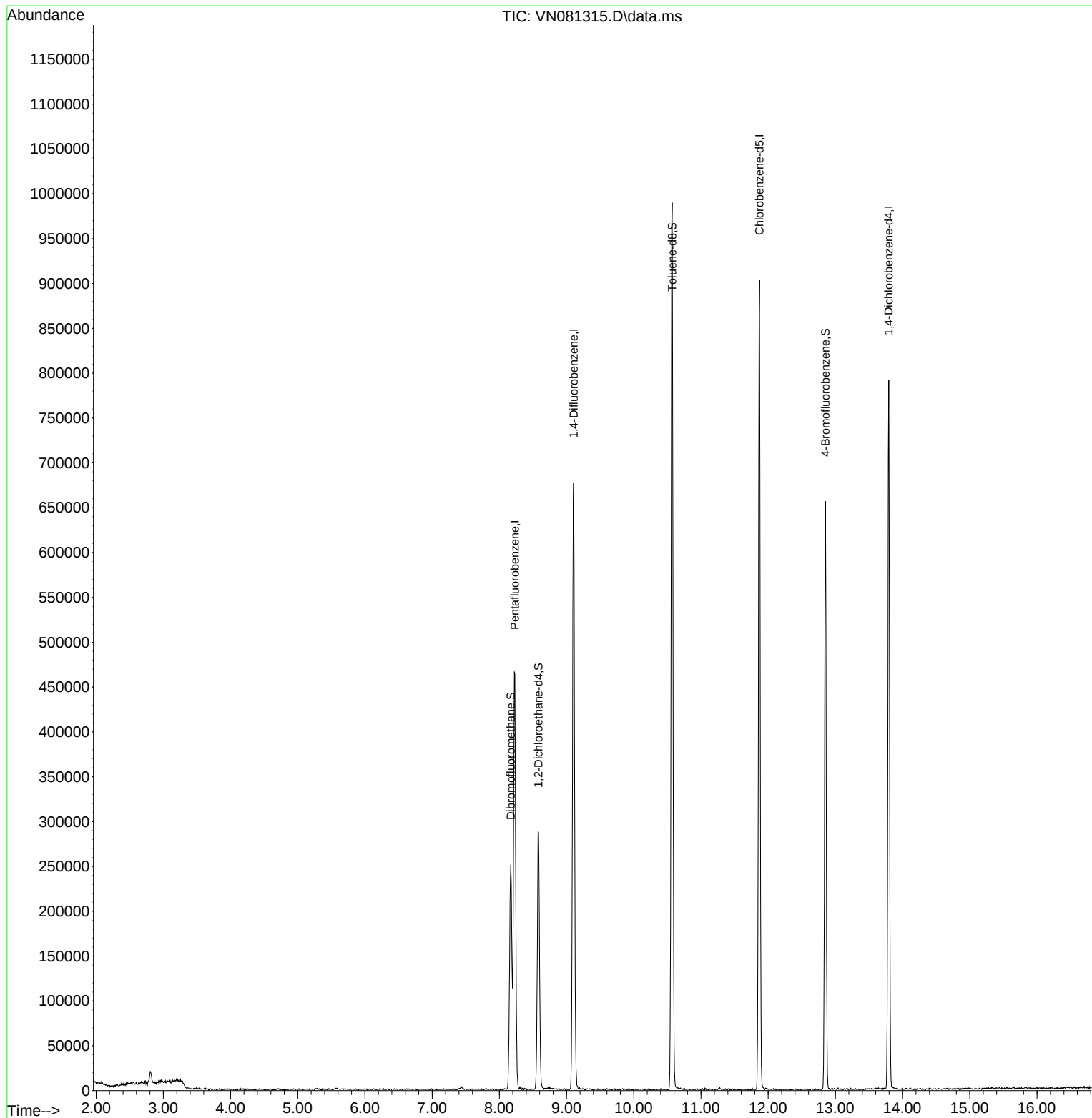
Target Compounds	Qvalue

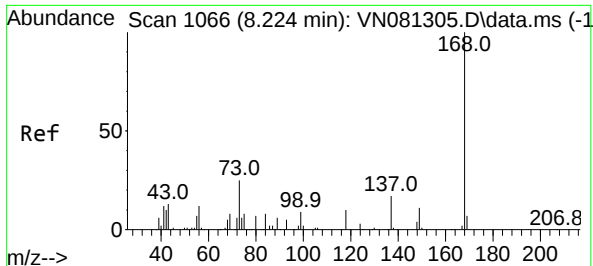
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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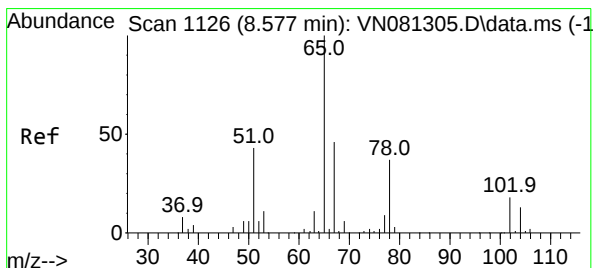
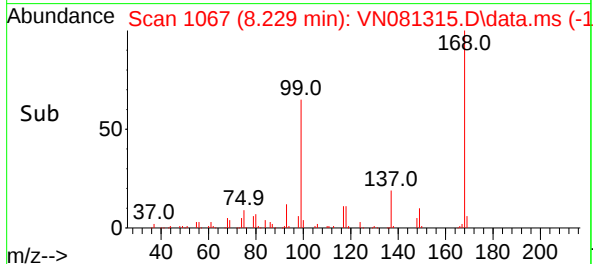
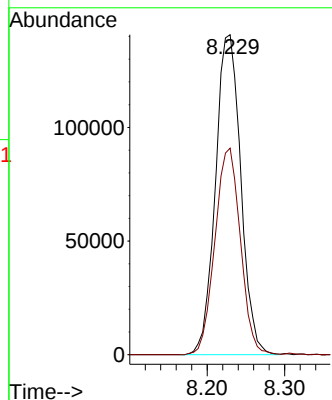
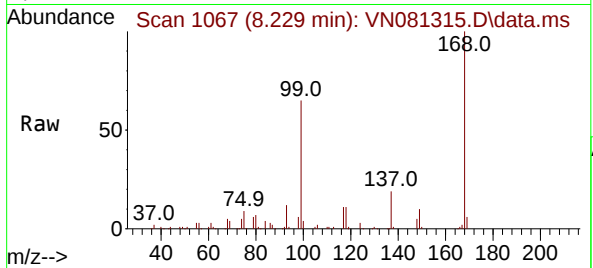




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

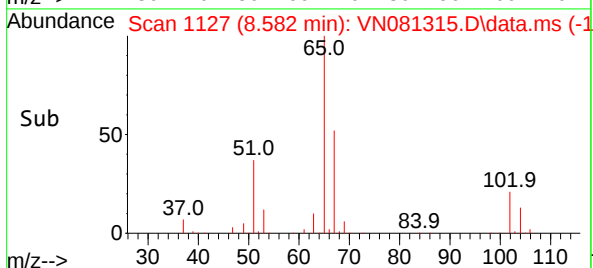
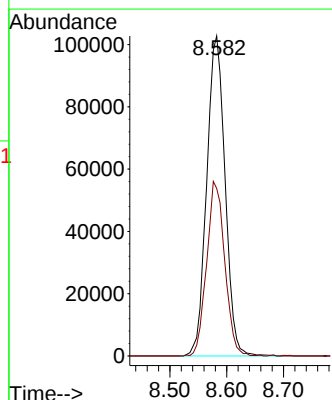
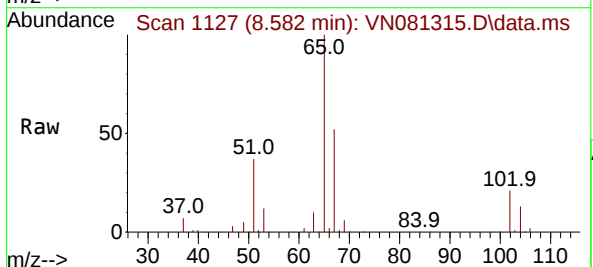
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

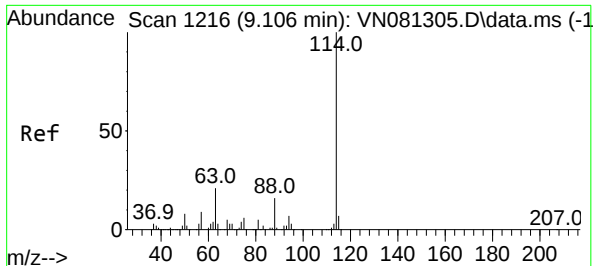
Tgt Ion:168 Resp: 319656
Ion Ratio Lower Upper
168 100
99 64.5 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 65 Resp: 230173
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.4

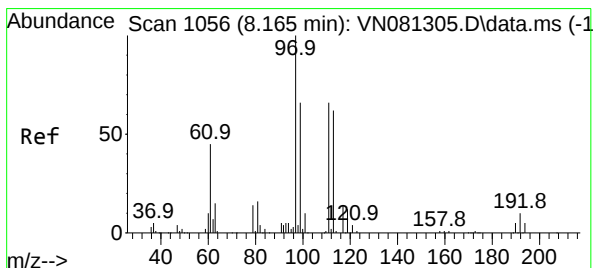
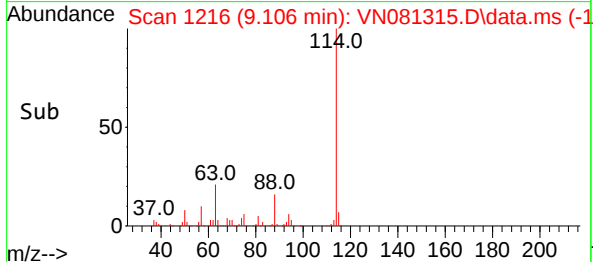
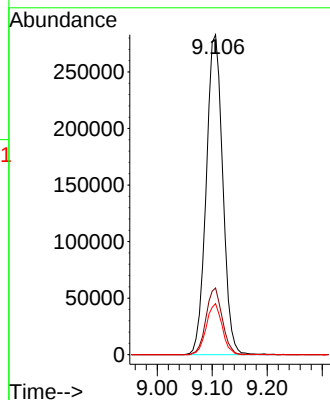
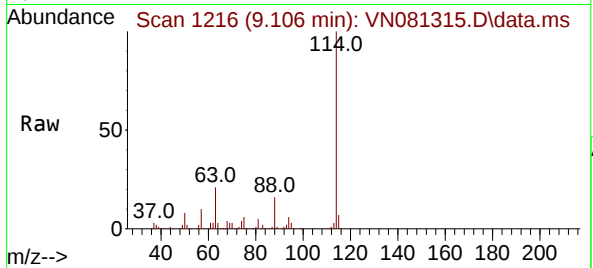




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

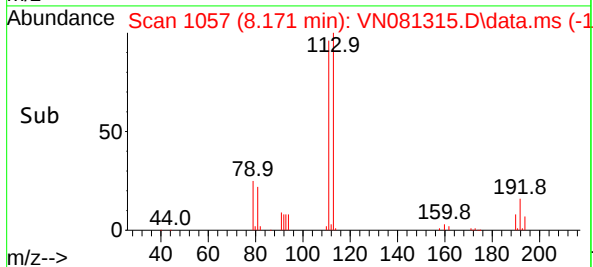
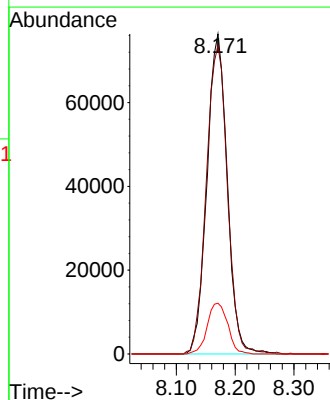
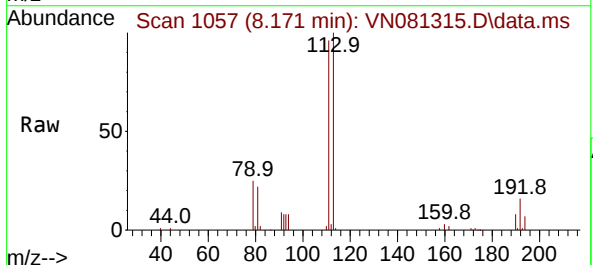
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

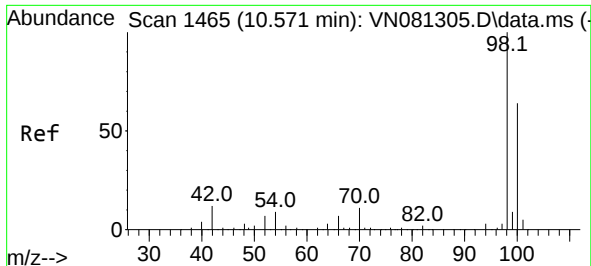
Tgt Ion:114 Resp: 589706
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.659 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion:113 Resp: 183027
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 16.0 12.5 18.7

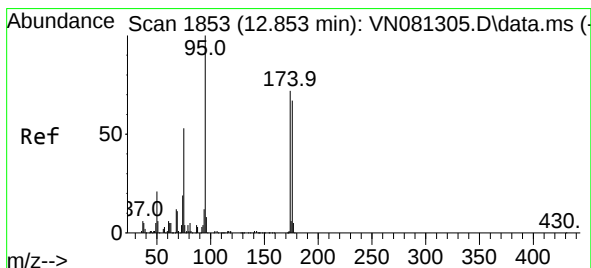
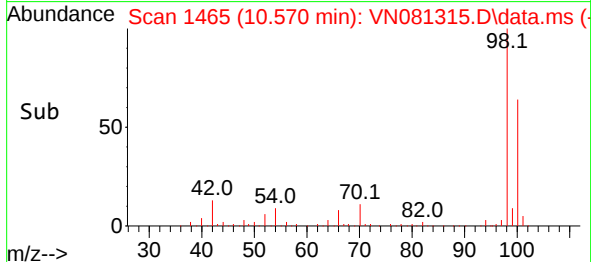
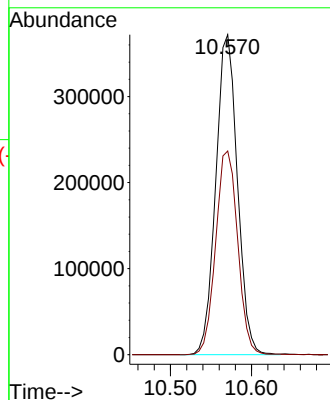
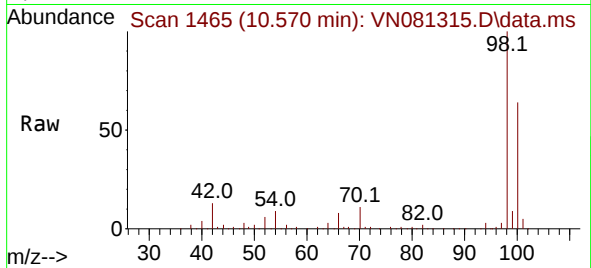




#50
Toluene-d8
Concen: 51.016 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

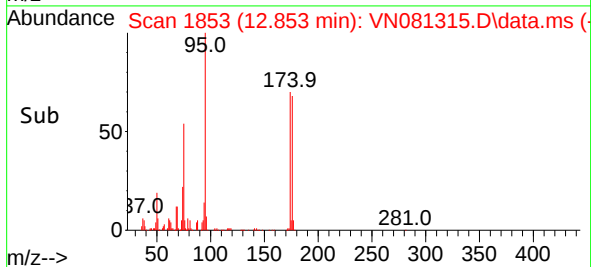
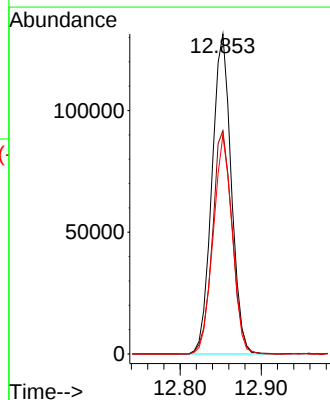
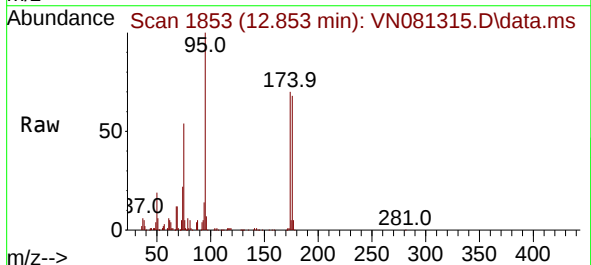
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

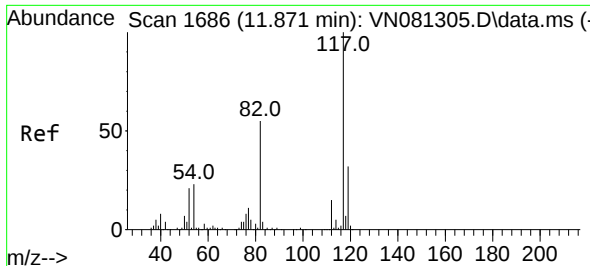
Tgt Ion: 98 Resp: 689020
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 95 Resp: 216568
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 67.5 0.0 121.0

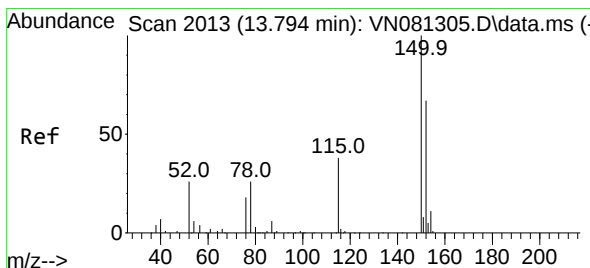
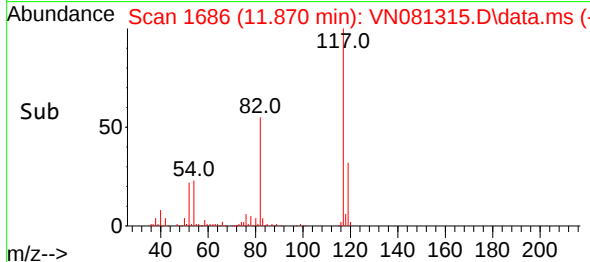
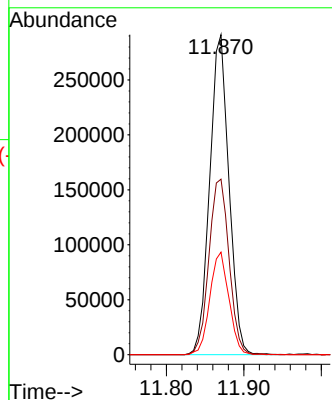
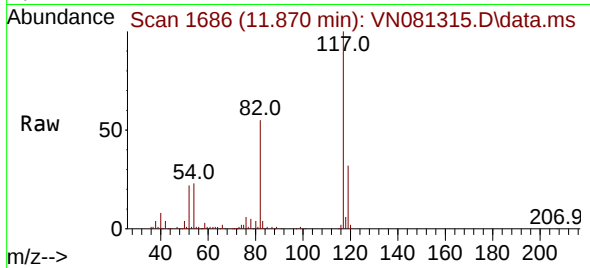




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

Tgt Ion:117 Resp: 502148
Ion Ratio Lower Upper
117 100
82 54.9 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: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion:152 Resp: 198915
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 157.3 0.0 339.8

