

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081427.D
 Acq On : 15 Mar 2024 16:05
 Operator : JC\MD
 Sample : VN0315MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315MBL01

Quant Time: Mar 15 23:34:02 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	8.224	168	288264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	514339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	433840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	216116	51.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.700%
35) Dibromofluoromethane	8.165	113	164100	52.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	10.571	98	604963	51.356	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.853	95	181700	43.642	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.280%

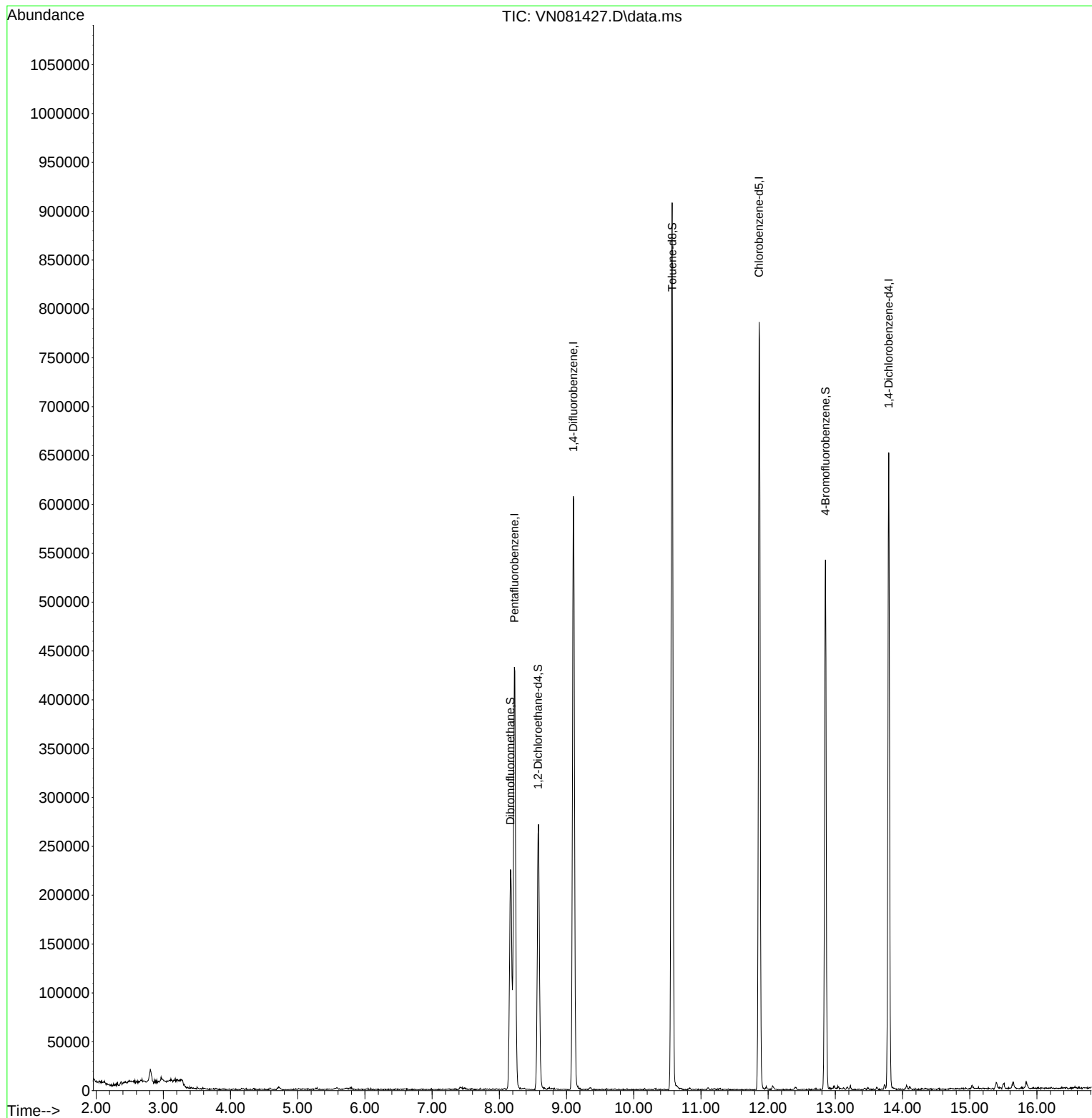
Target Compounds	Qvalue

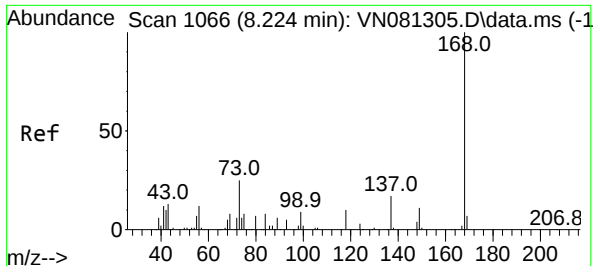
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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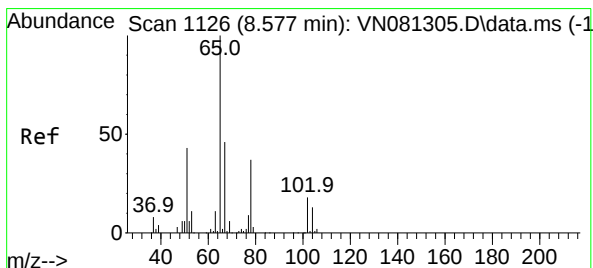
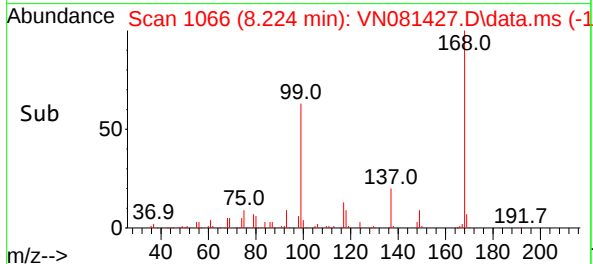
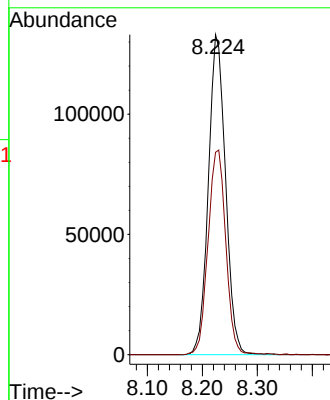
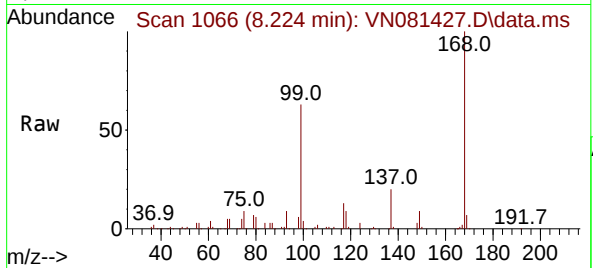




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

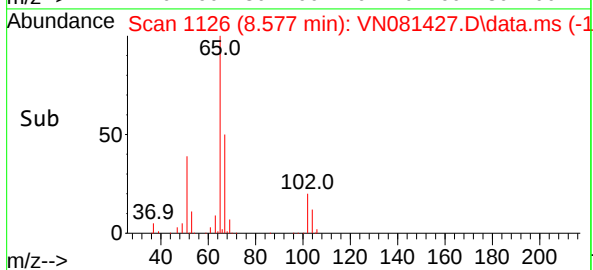
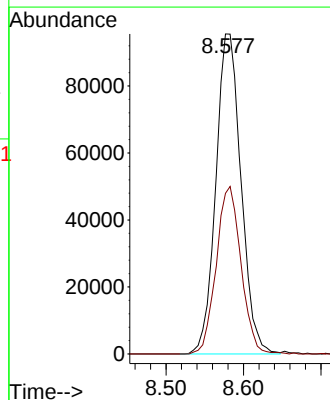
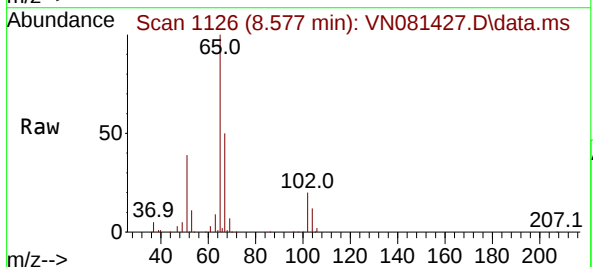
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

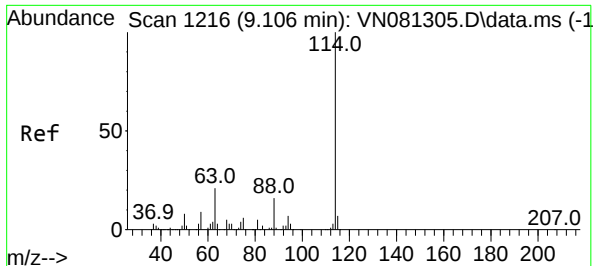
Tgt Ion:168 Resp: 288264
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.852 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

Tgt Ion: 65 Resp: 216116
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

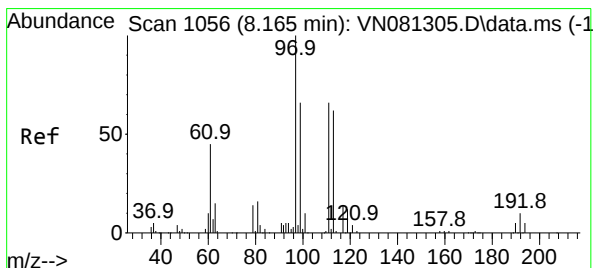
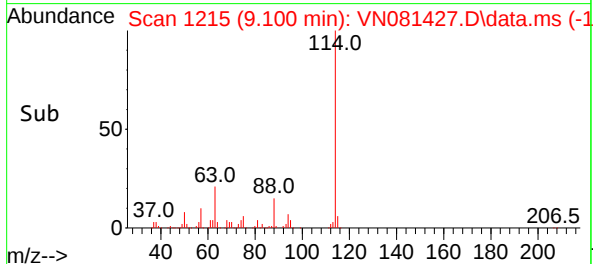
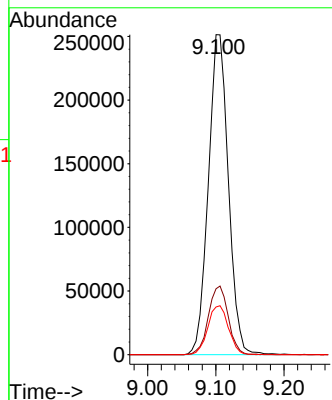
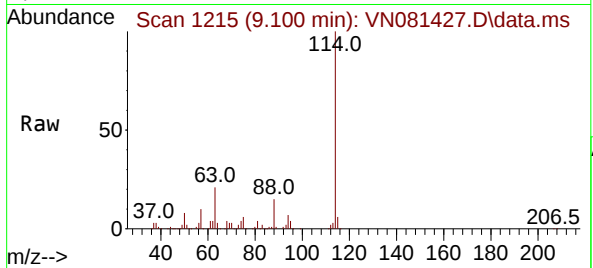




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

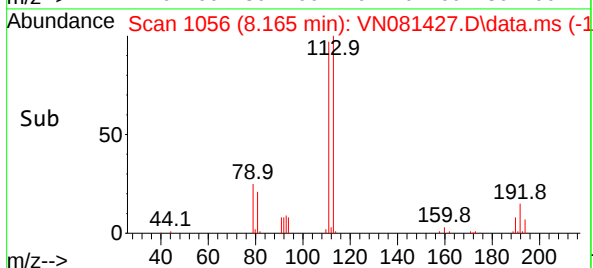
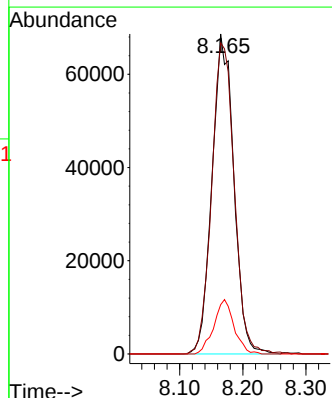
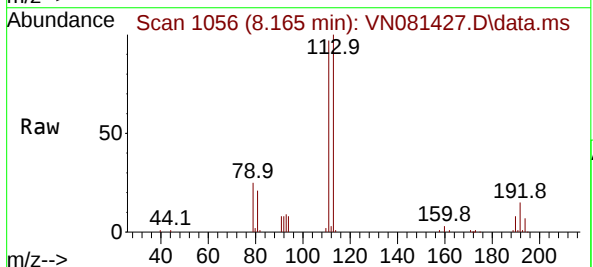
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

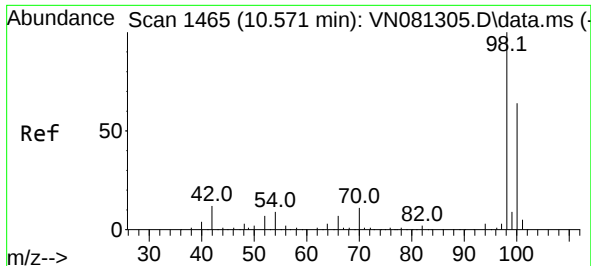
Tgt Ion:114 Resp: 514339
Ion Ratio Lower Upper
114 100
63 20.6 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.076 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

Tgt Ion:113 Resp: 164100
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 15.8 12.5 18.7

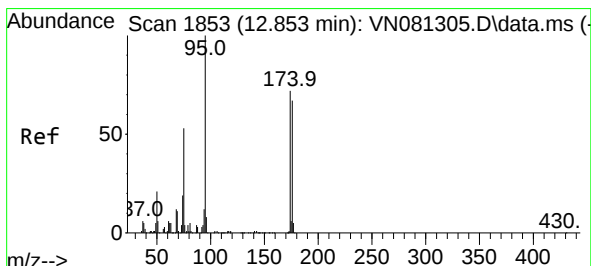
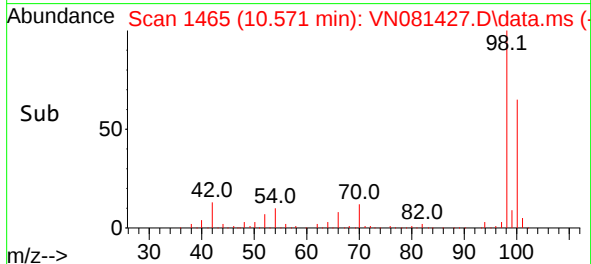
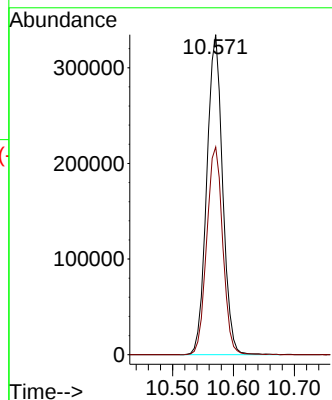
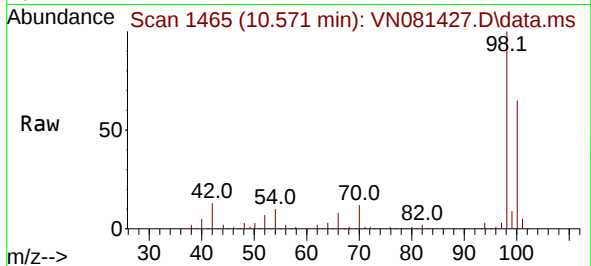




#50
Toluene-d8
Concen: 51.356 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

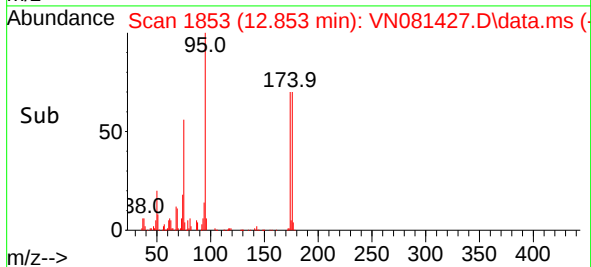
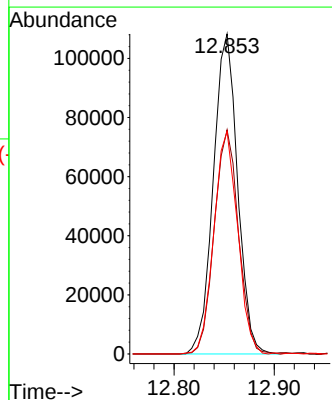
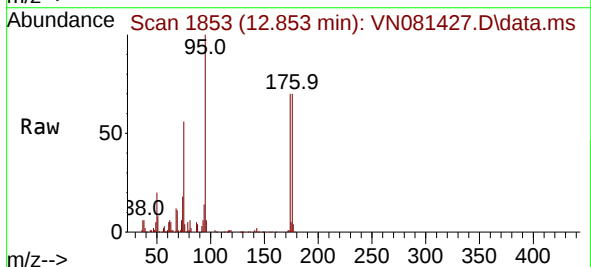
Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

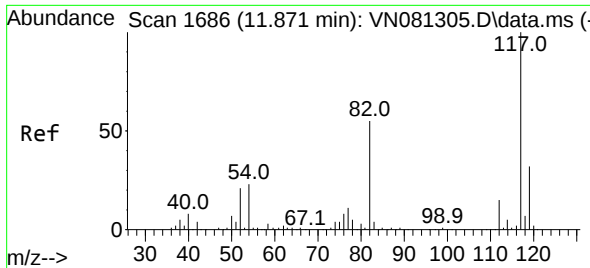
Tgt Ion: 98 Resp: 604963
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.642 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

Tgt Ion: 95 Resp: 181700
Ion Ratio Lower Upper
95 100
174 69.9 0.0 120.4
176 68.1 0.0 121.0

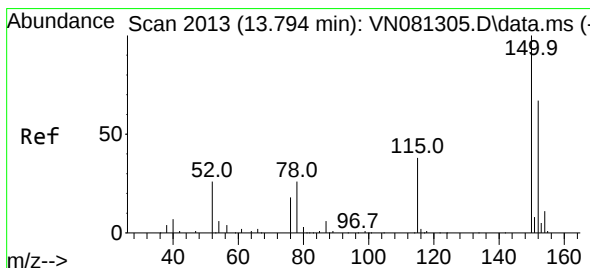
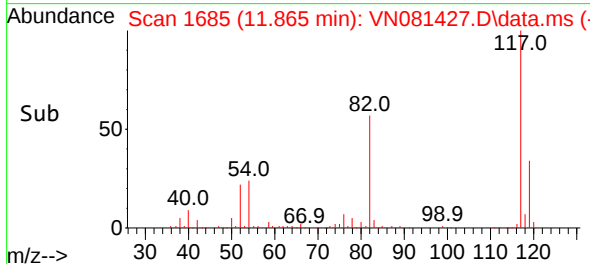
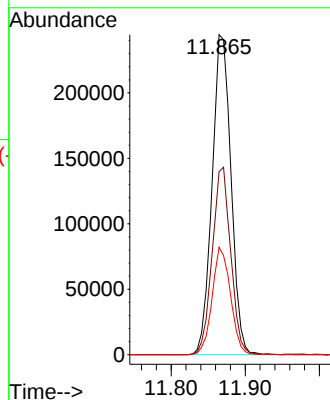
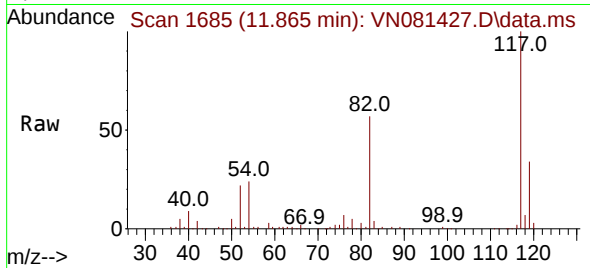




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081427.D
Acq: 15 Mar 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN0315MBL01

Tgt Ion:117 Resp: 433840
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 33.5 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: VN081427.D
Acq: 15 Mar 2024 16:05

Tgt Ion:152 Resp: 158209
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 158.4 0.0 339.8

