

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081641.D
 Acq On : 01 Apr 2024 11:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 02 01:12:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	358469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	636512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	581543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	233986	51.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.360%	
35) Dibromofluoromethane	8.165	113	207057	51.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	10.571	98	765871	52.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.847	95	247276	48.327	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.660%	

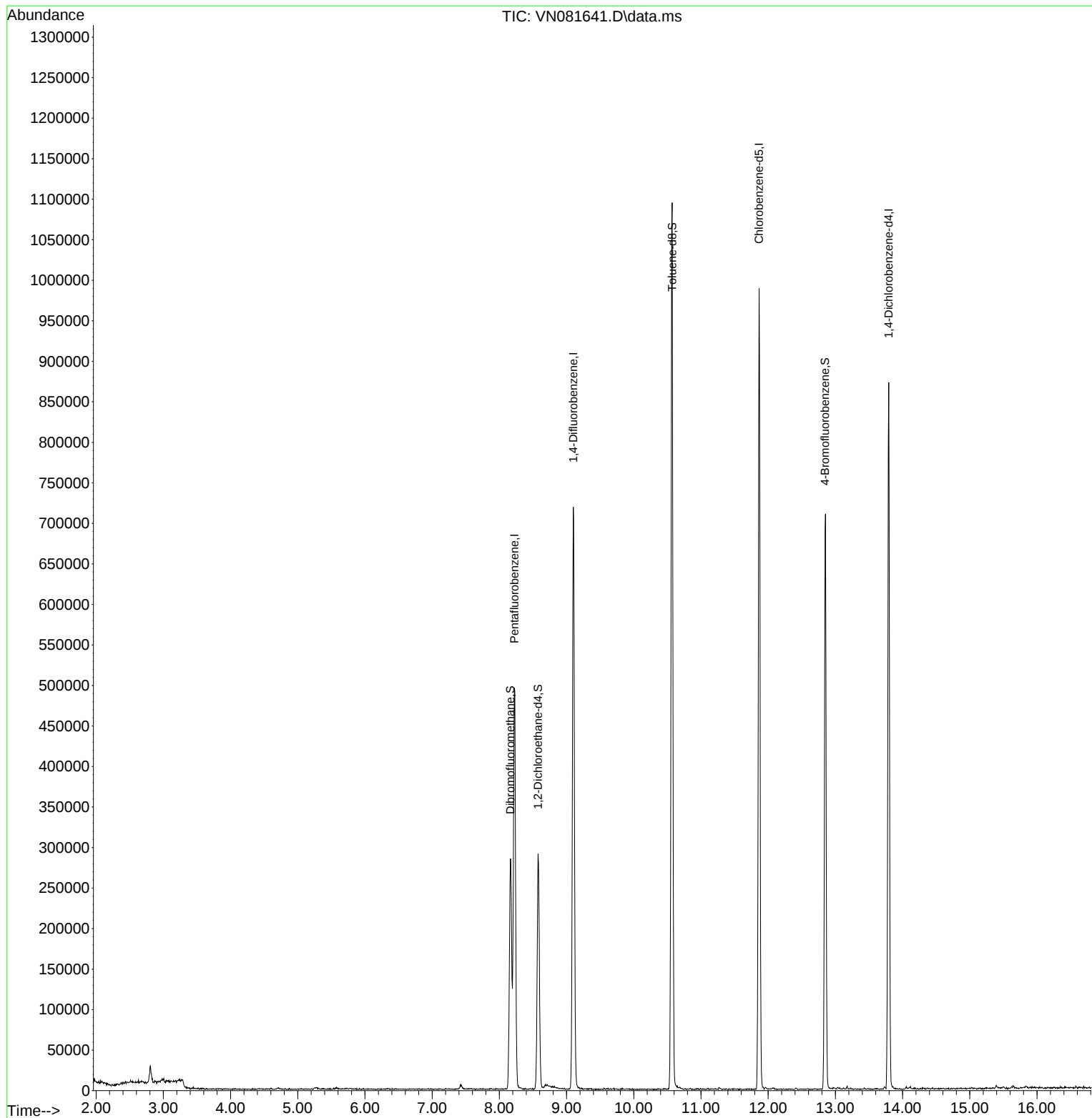
Target Compounds	Qvalue

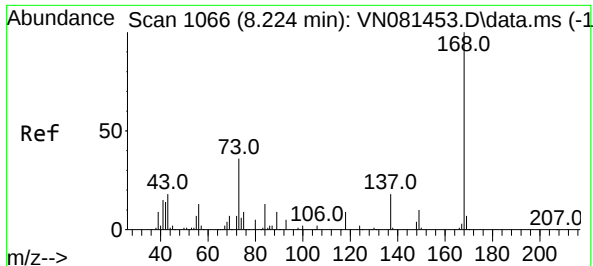
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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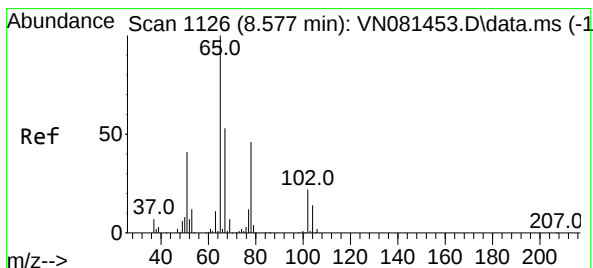
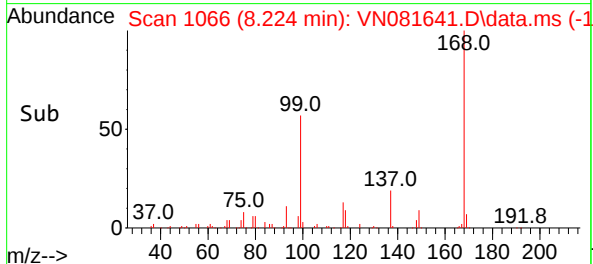
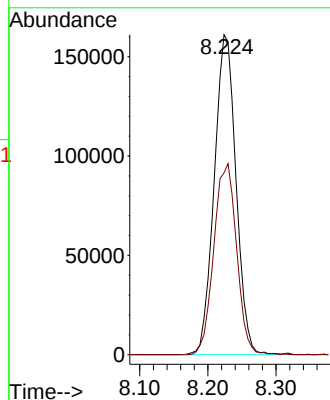
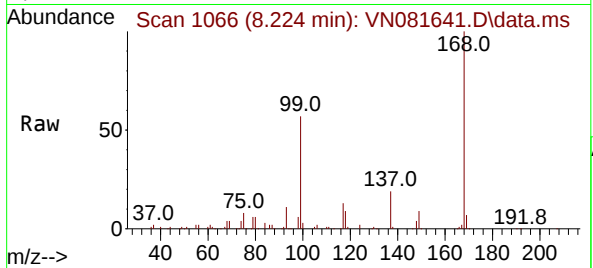




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

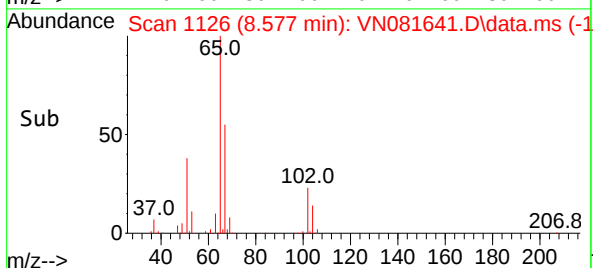
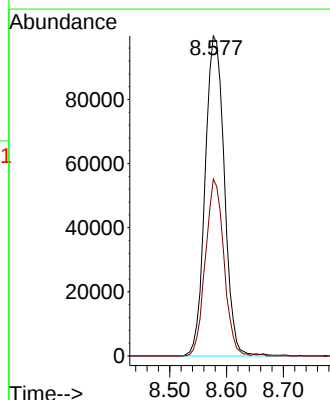
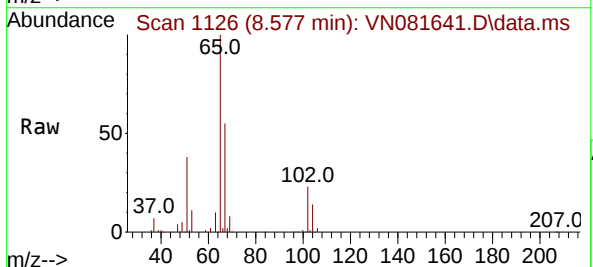
Instrument :
MSVOA_N
ClientSampleId :
IBLK

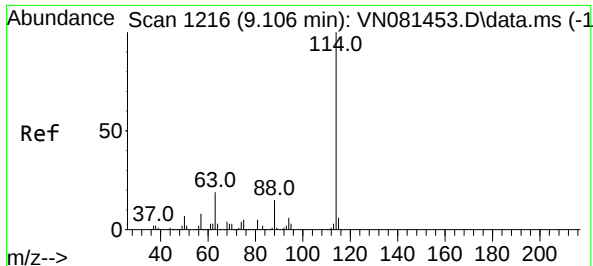
Tgt Ion:168 Resp: 358469
Ion Ratio Lower Upper
168 100
99 56.8 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 65 Resp: 233986
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.4

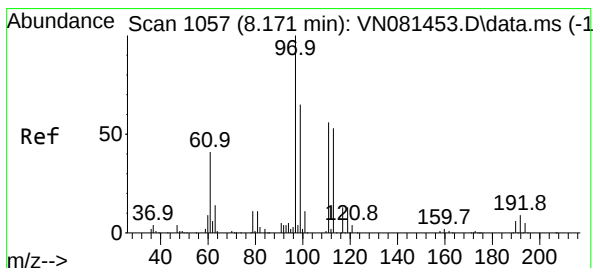
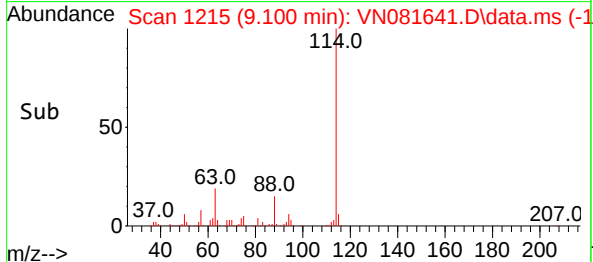
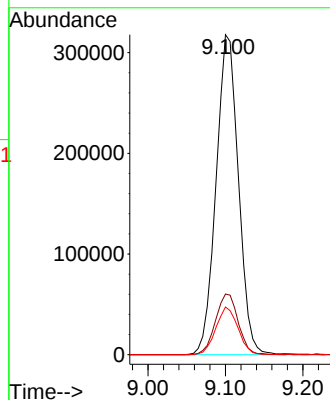
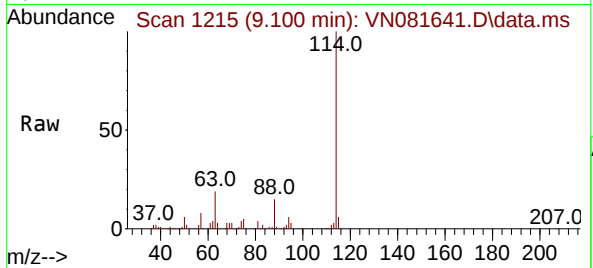




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

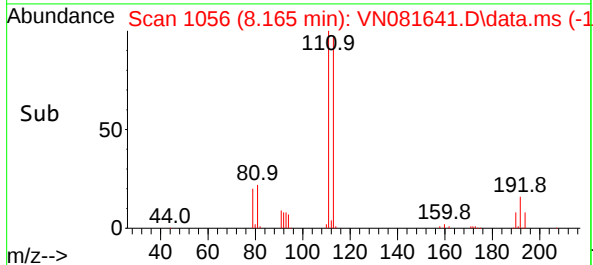
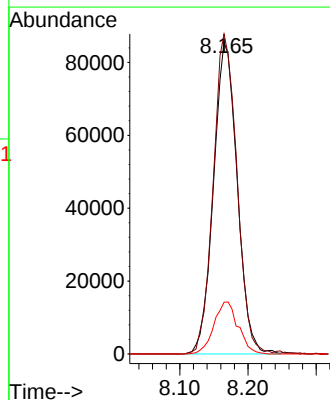
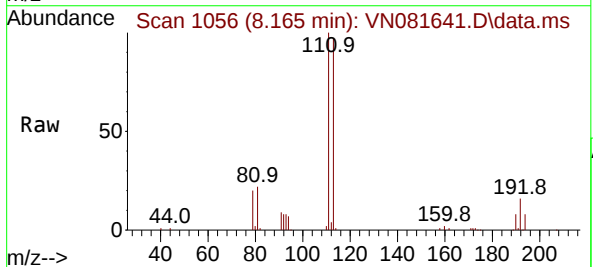
Instrument :
MSVOA_N
ClientSampleId :
IBLK

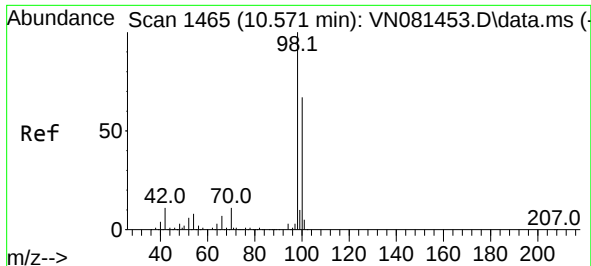
Tgt Ion:114 Resp: 636512
Ion Ratio Lower Upper
114 100
63 18.9 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion:113 Resp: 207057
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.1 12.5 18.7

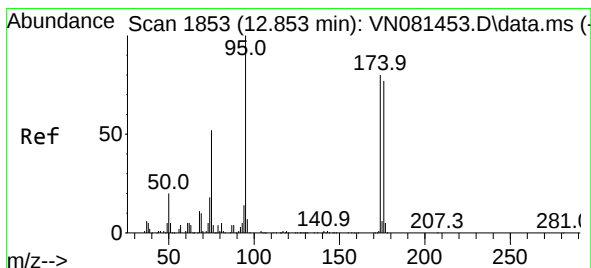
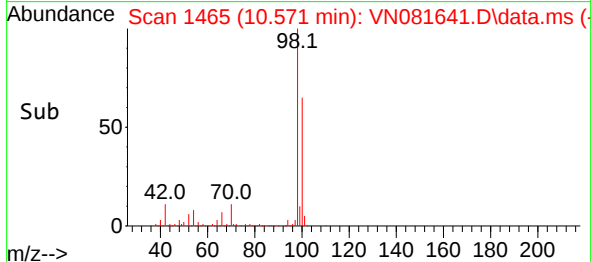
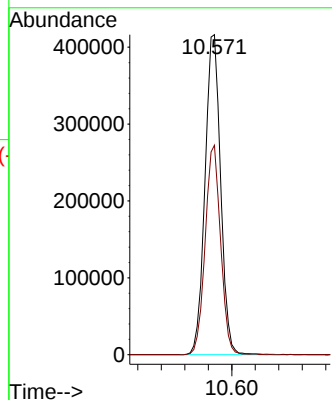
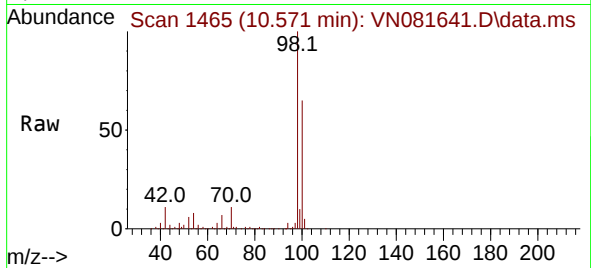




#50
Toluene-d8
Concen: 52.742 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

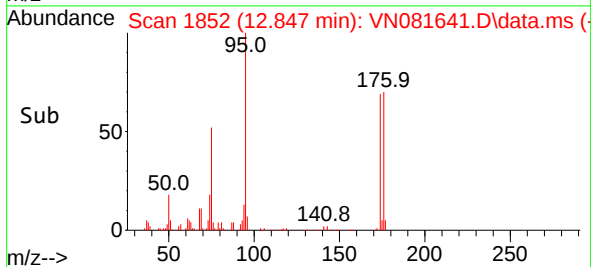
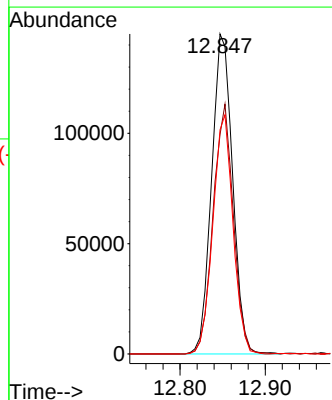
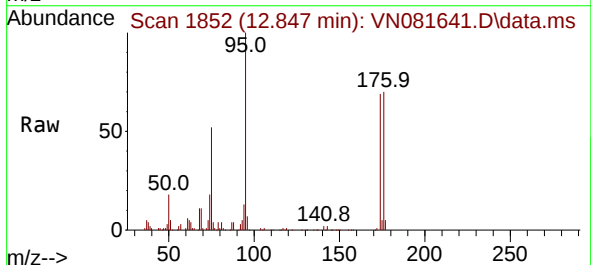
Instrument :
MSVOA_N
ClientSampleId :
IBLK

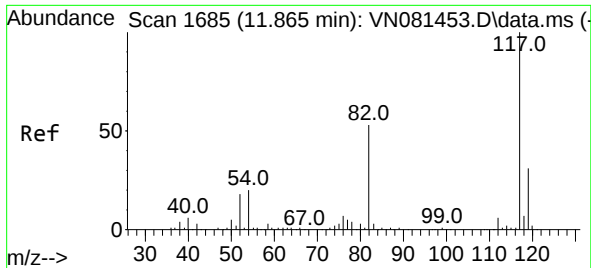
Tgt Ion: 98 Resp: 765871
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 95 Resp: 247276
Ion Ratio Lower Upper
95 100
174 76.2 0.0 120.4
176 72.0 0.0 121.0

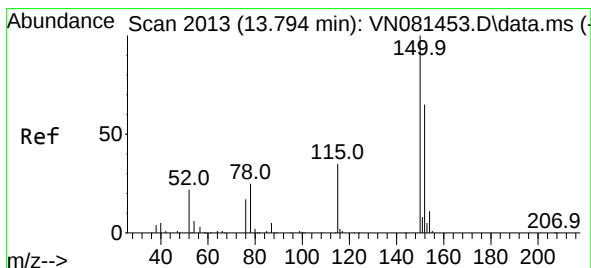
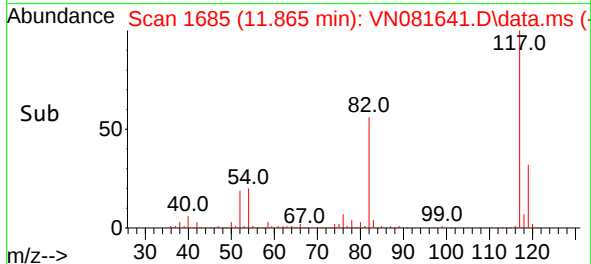
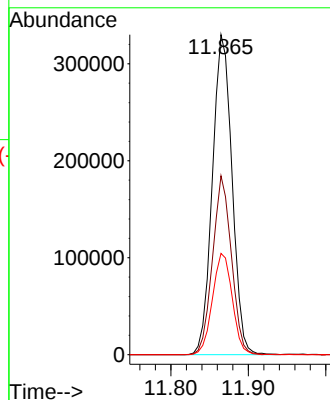
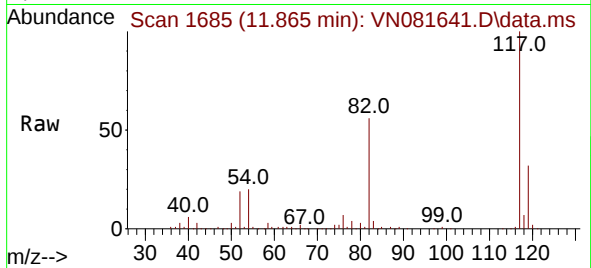




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 581543
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 31.6 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: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion:152 Resp: 234810
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 156.7 0.0 339.8

