

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081342.D
 Acq On : 08 Mar 2024 13:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 09 00:56:54 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	302505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	481525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223290	51.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.100%
35) Dibromofluoromethane	8.165	113	173228	50.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.520%
50) Toluene-d8	10.571	98	656005	51.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.853	95	204528	45.362	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.720%

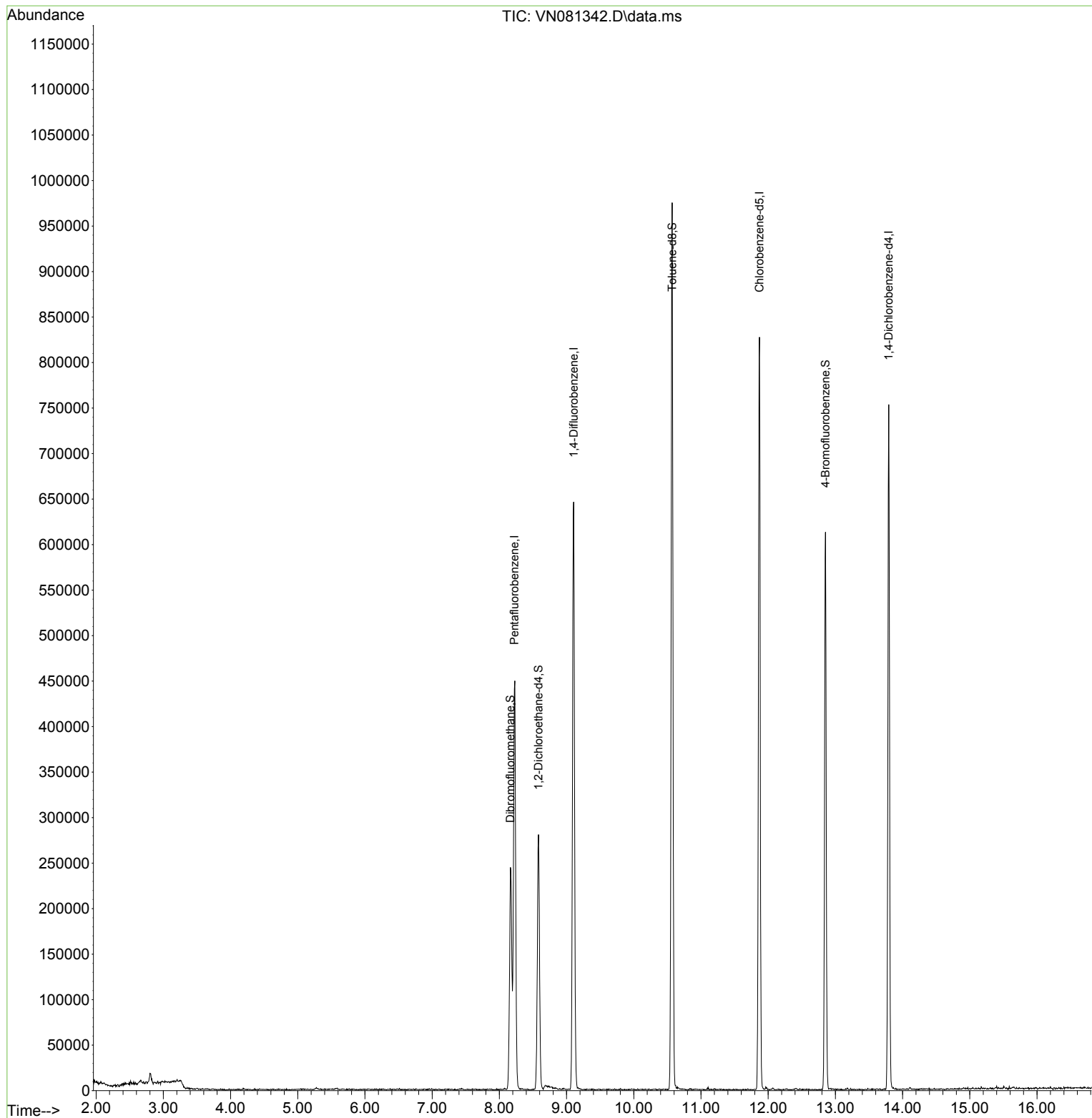
Target Compounds	Qvalue

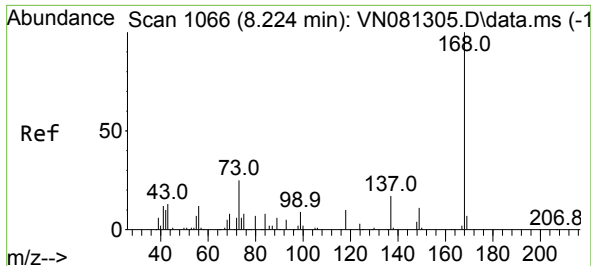
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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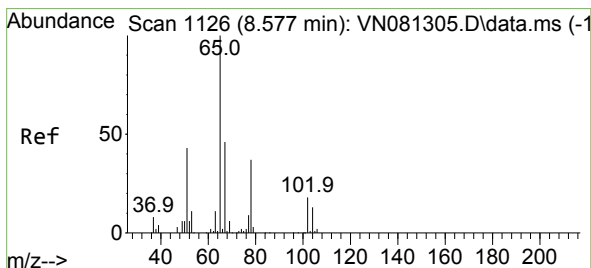
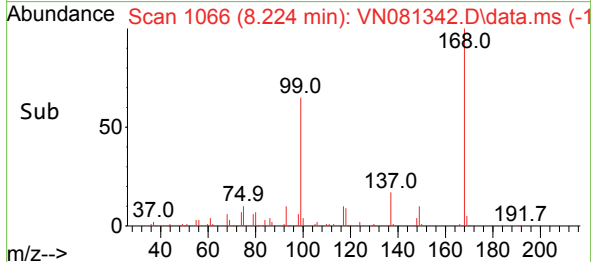
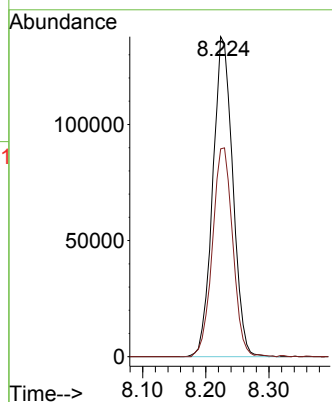
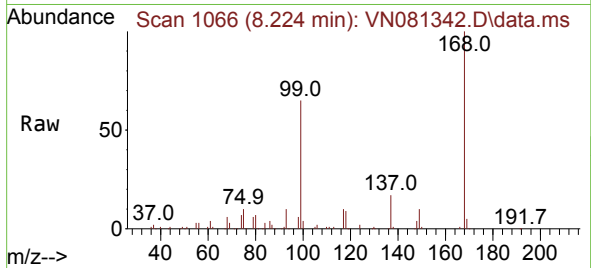




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

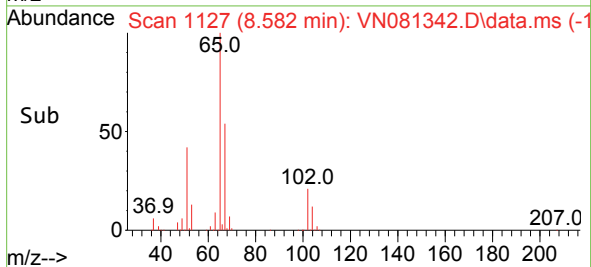
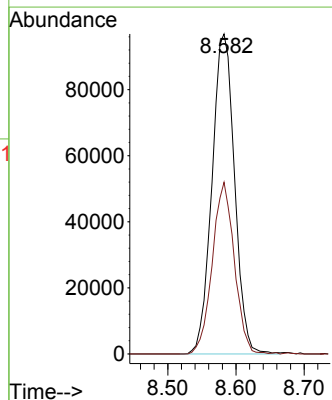
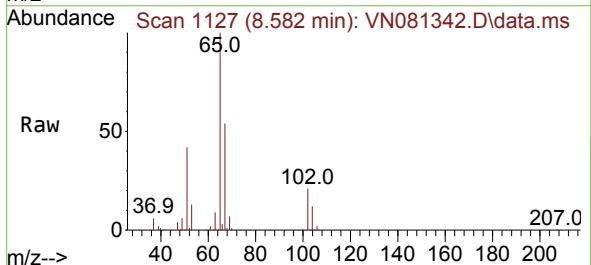
Instrument :
MSVOA_N
ClientSampleId :
IBLK

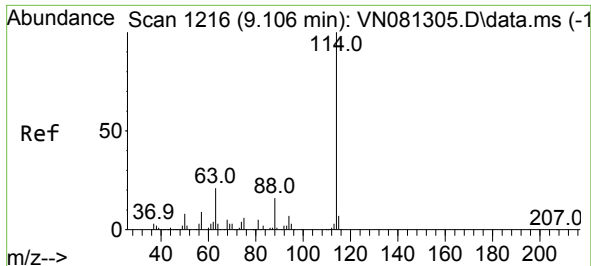
Tgt Ion:168 Resp: 302505
Ion Ratio Lower Upper
168 100
99 65.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.051 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 65 Resp: 223290
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

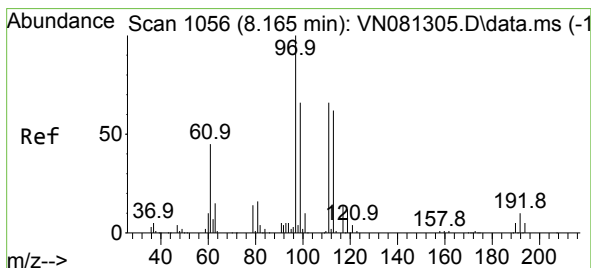
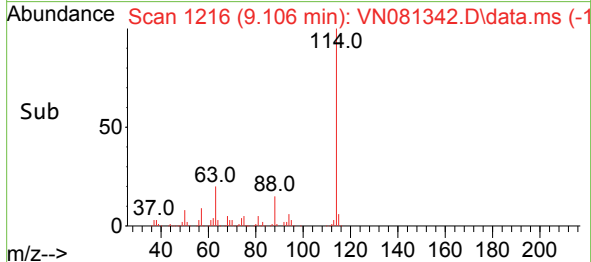
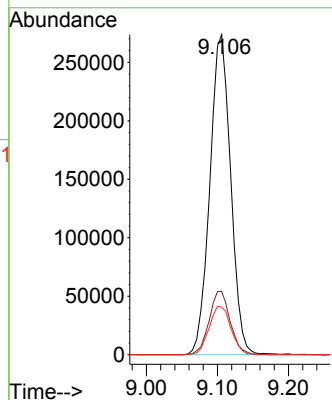
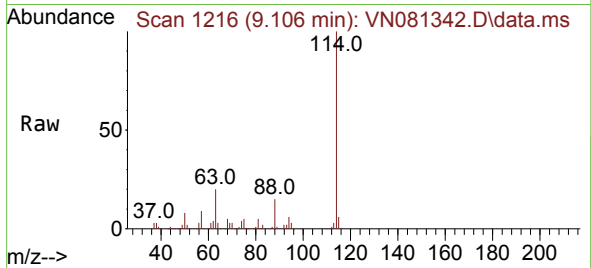




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

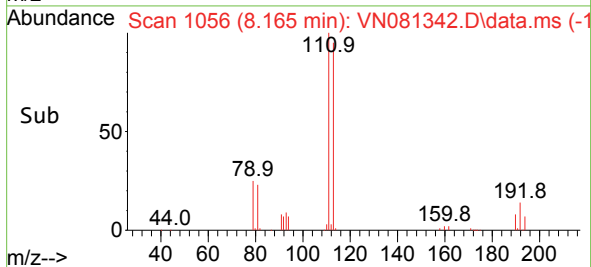
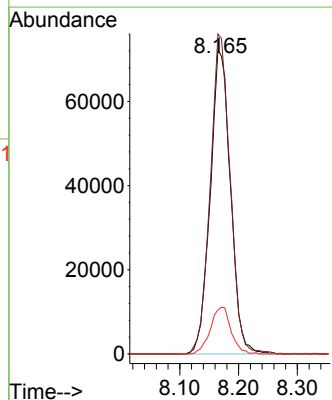
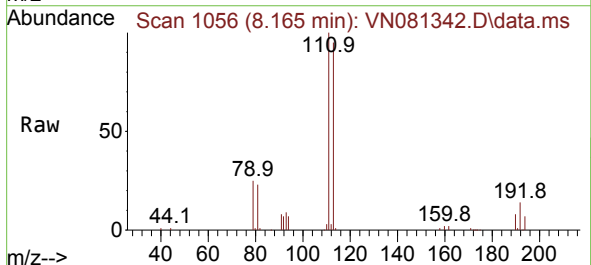
Instrument :
MSVOA_N
ClientSampleId :
IBLK

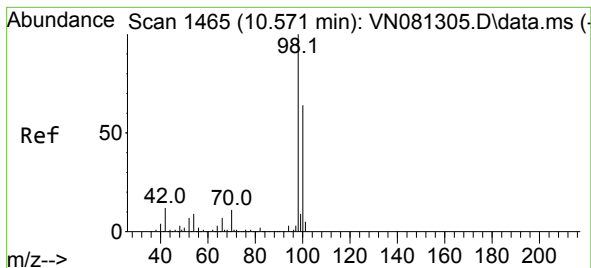
Tgt Ion:114 Resp: 557004
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion:113 Resp: 173228
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 15.7 12.5 18.7

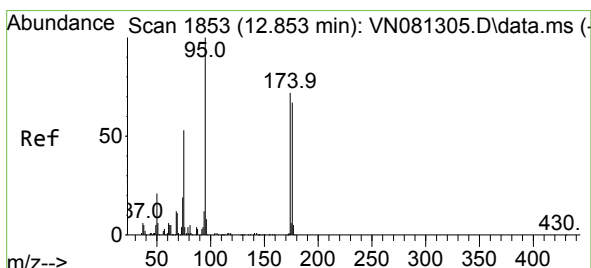
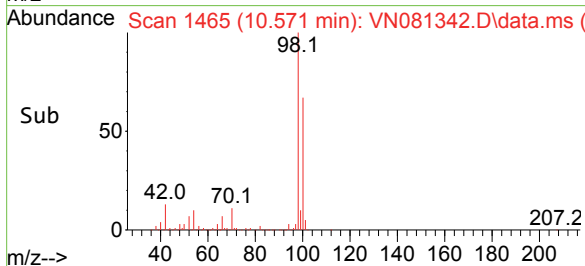
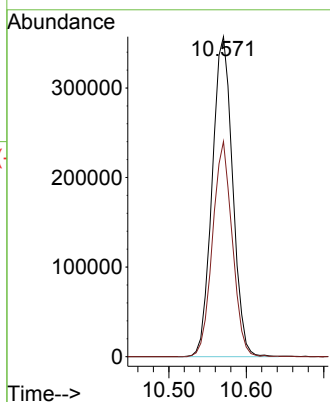
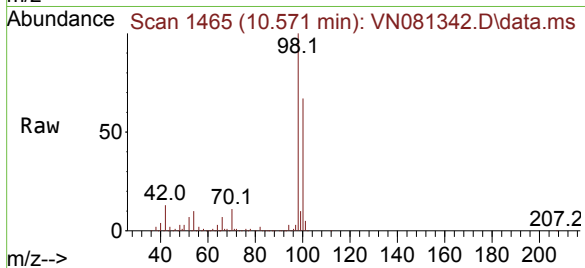




#50
Toluene-d8
Concen: 51.423 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

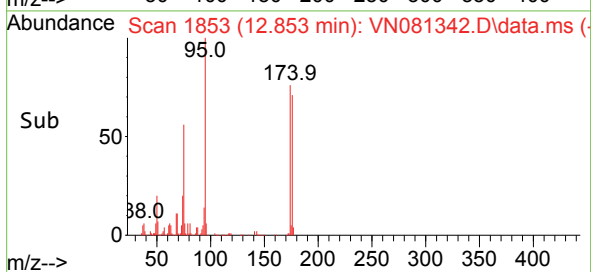
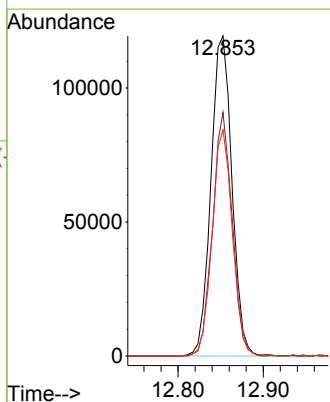
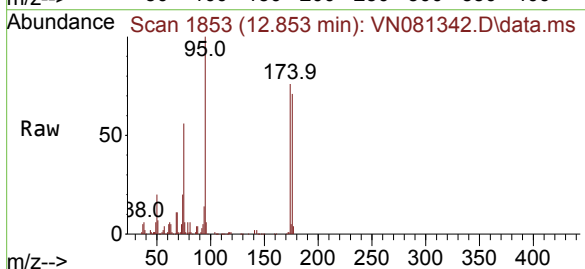
Instrument :
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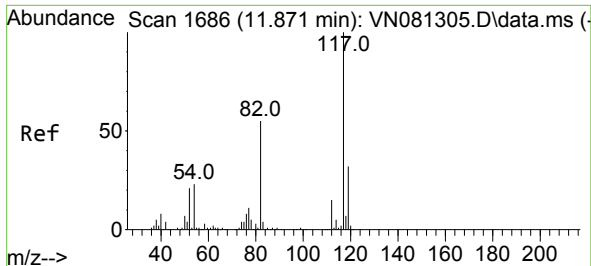
Tgt Ion: 98 Resp: 656005
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 95 Resp: 204528
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.1 0.0 121.0

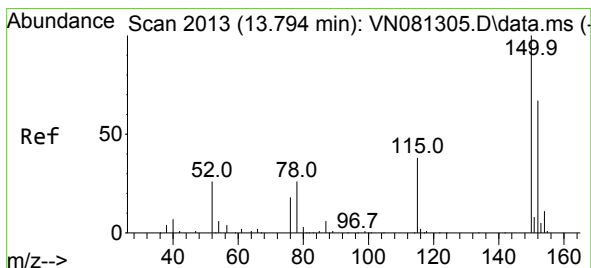
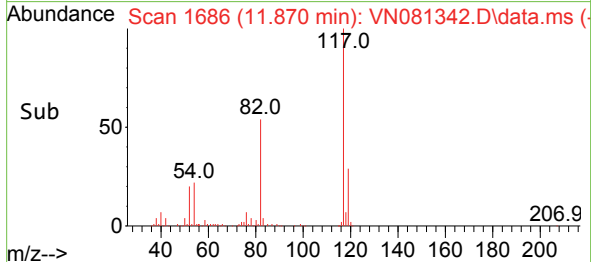
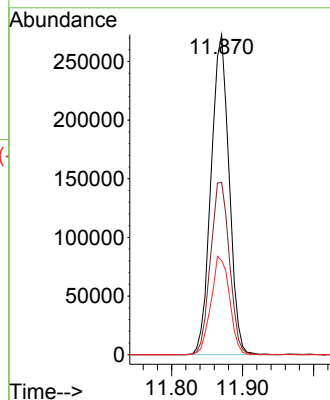
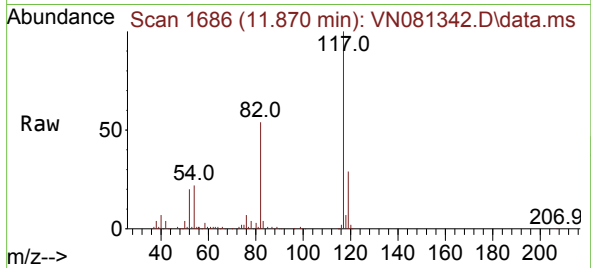




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 481525
Ion Ratio Lower Upper
117 100
82 53.8 52.7 79.1
119 29.4 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: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion:152 Resp: 189845
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.3 0.0 339.8

