

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081310.D
 Acq On : 05 Mar 2024 14:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 06 03:18:20 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	8.230	168	310614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	479256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226016	50.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.640%
35) Dibromofluoromethane	8.171	113	170885	50.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	10.571	98	660749	52.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.853	95	208581	47.050	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.100%

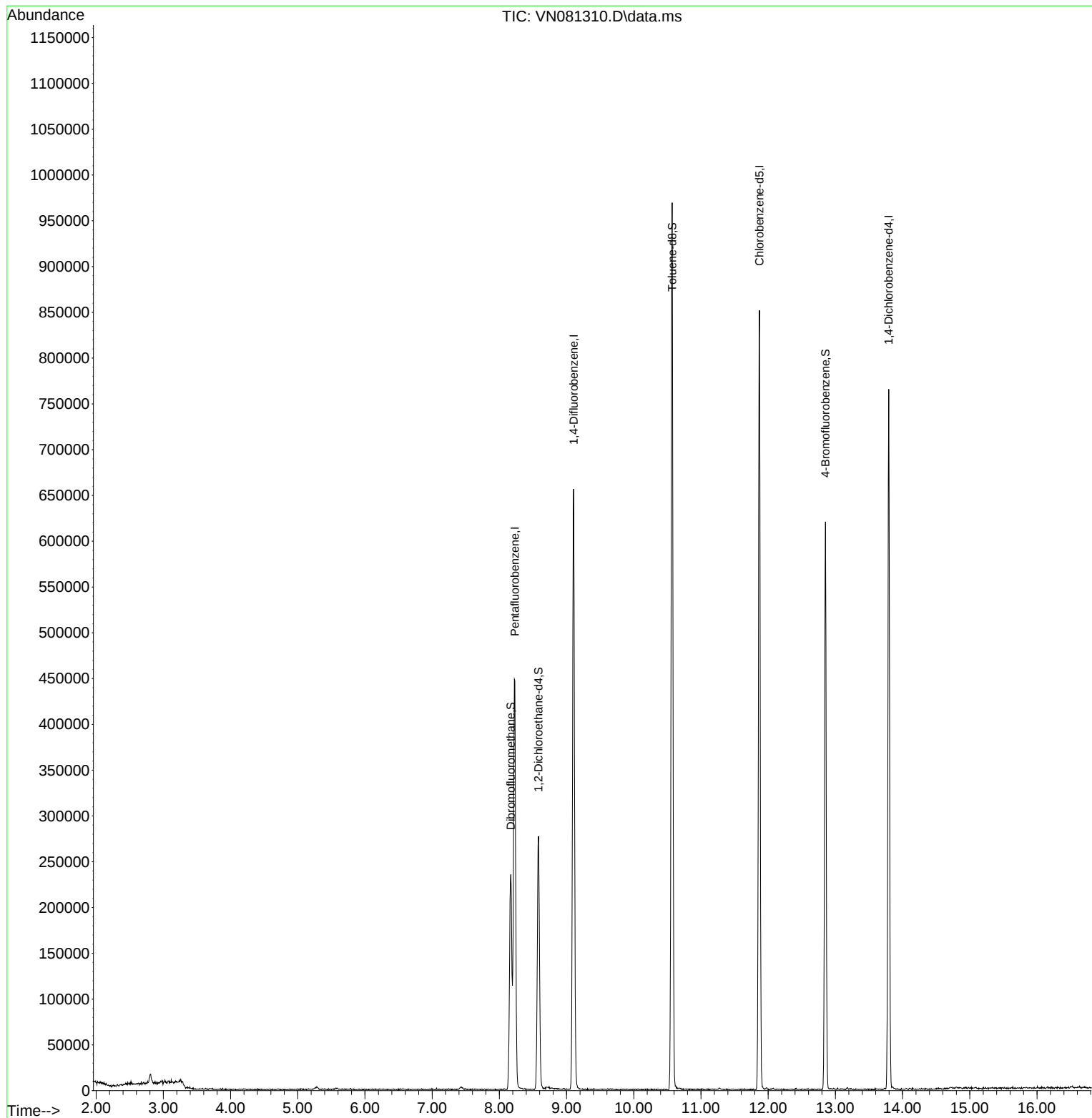
Target Compounds	Qvalue

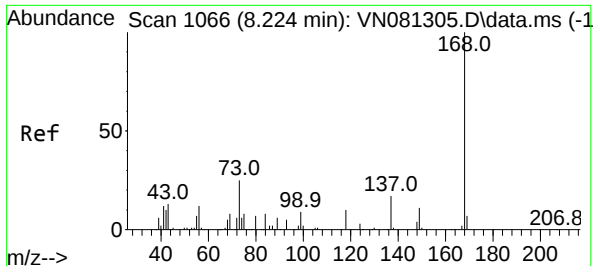
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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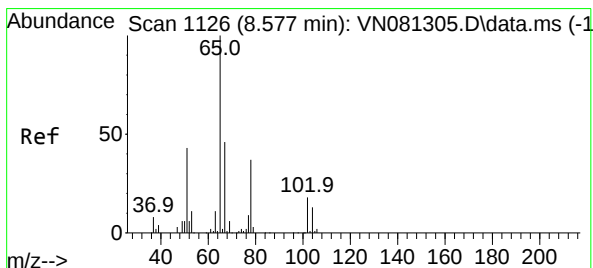
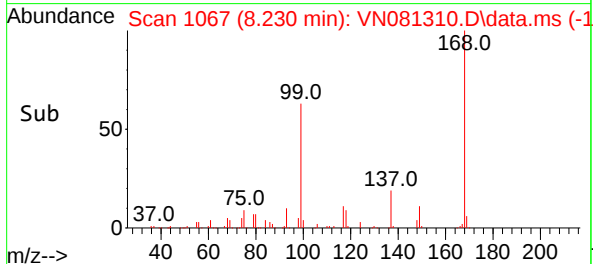
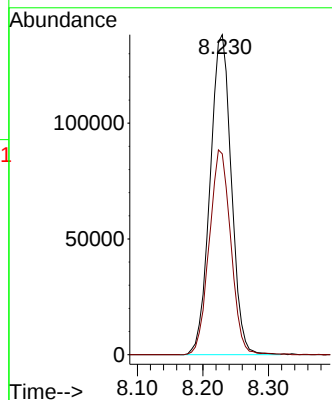
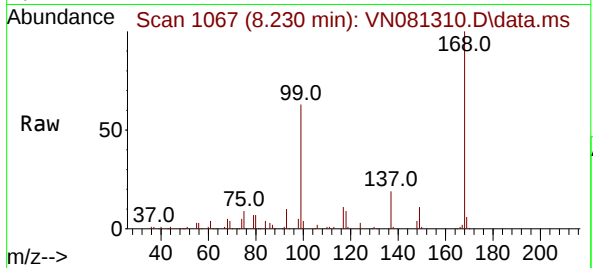




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

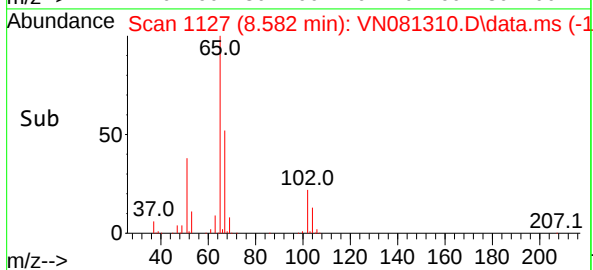
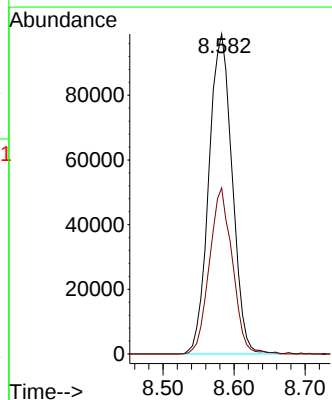
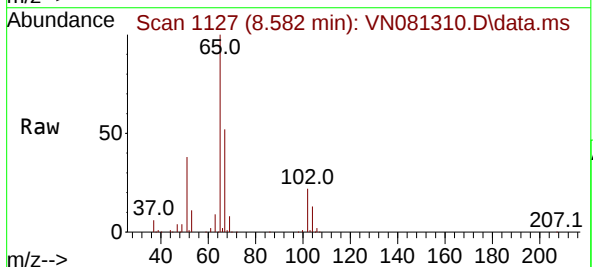
Instrument :
MSVOA_N
ClientSampleId :
IBLK

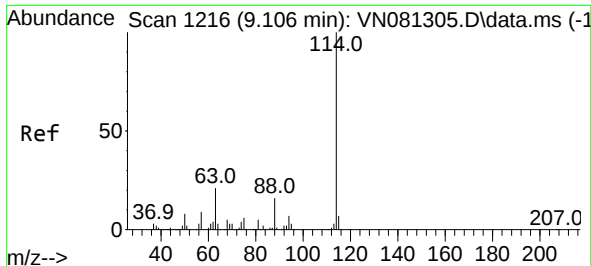
Tgt Ion:168 Resp: 310614
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 50.325 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 65 Resp: 226016
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

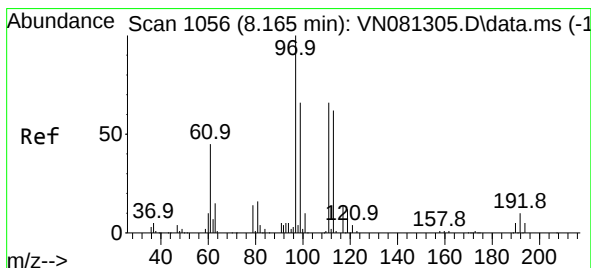
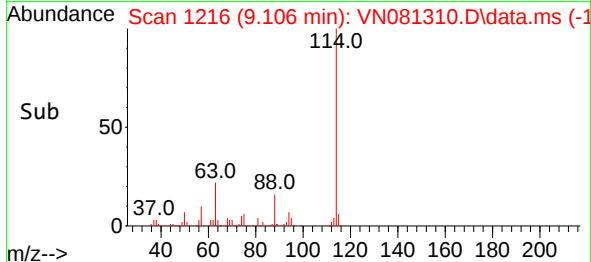
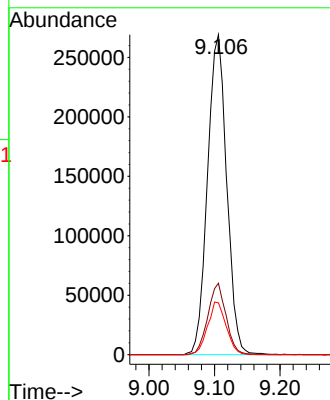
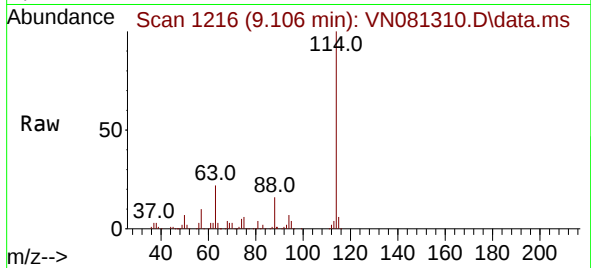




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

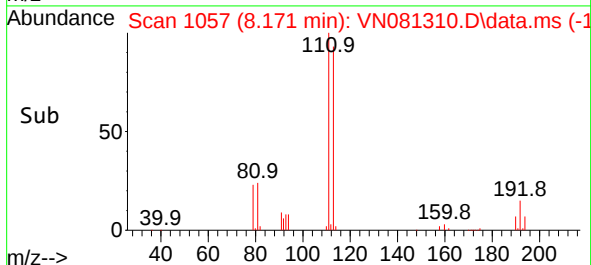
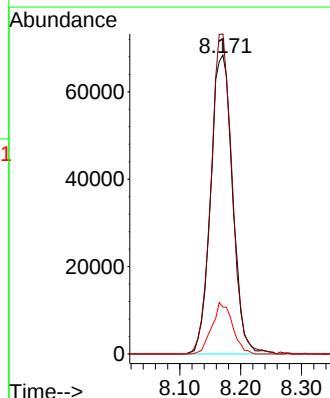
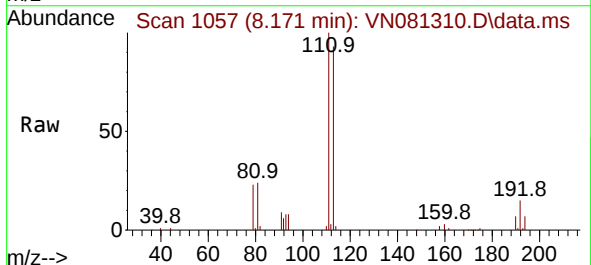
Instrument :
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IBLK

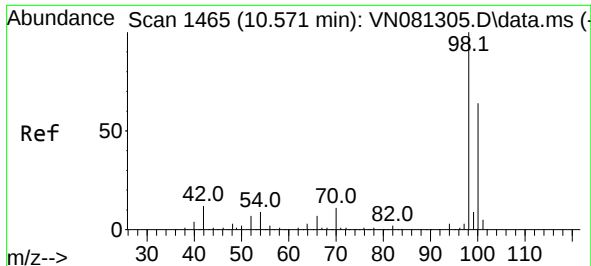
Tgt Ion:114 Resp: 547654
Ion Ratio Lower Upper
114 100
63 22.4 0.0 48.0
88 16.2 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.930 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion:113 Resp: 170885
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.1 12.5 18.7

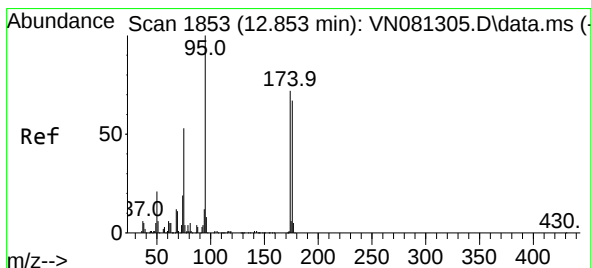
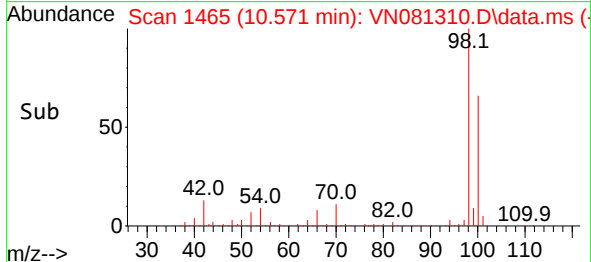
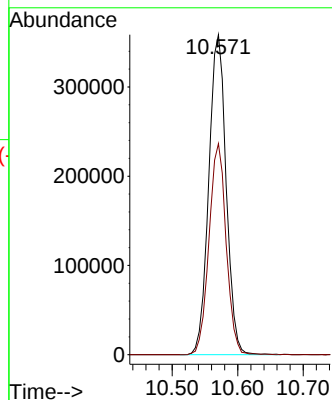
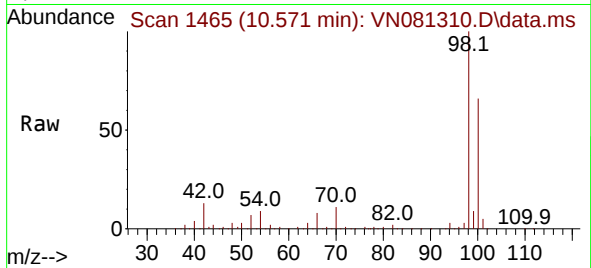




#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

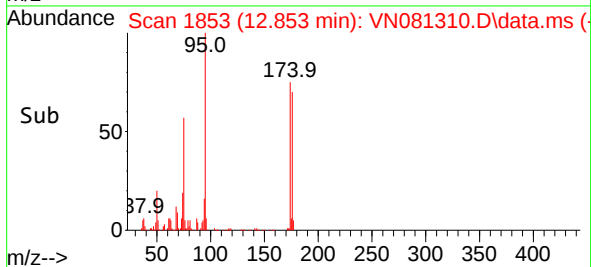
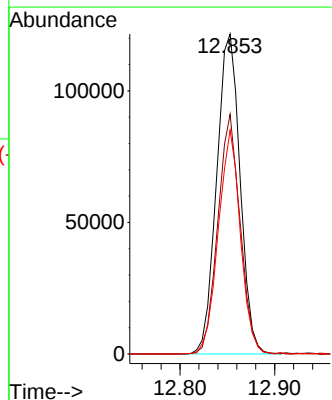
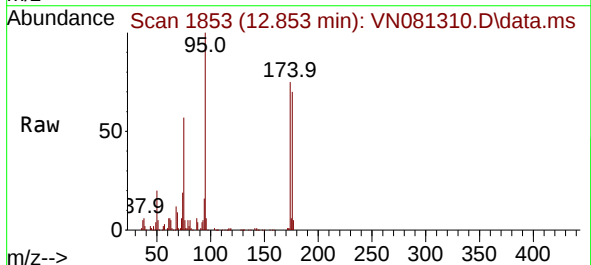
Instrument :
MSVOA_N
ClientSampleId :
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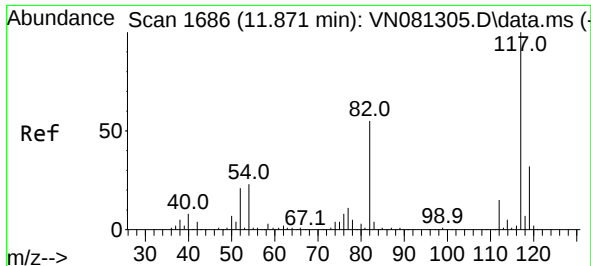
Tgt Ion: 98 Resp: 660749
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 95 Resp: 208581
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 66.0 0.0 121.0

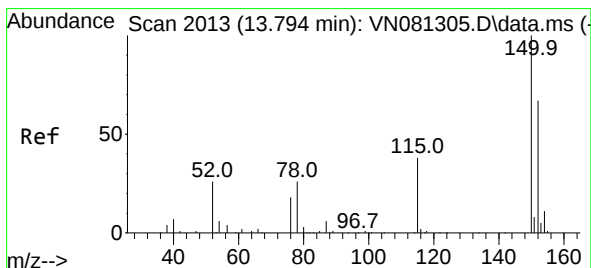
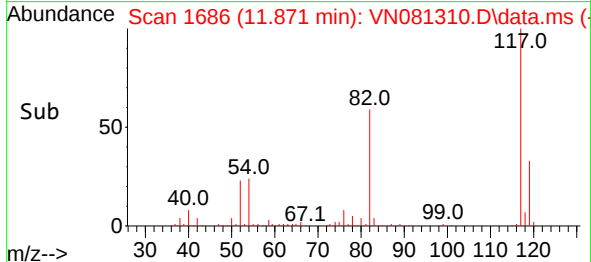
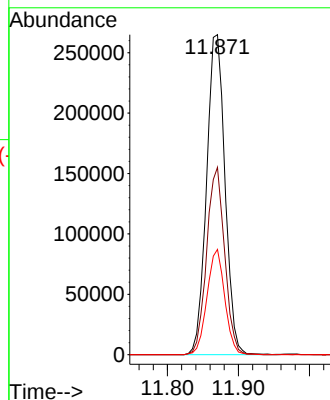
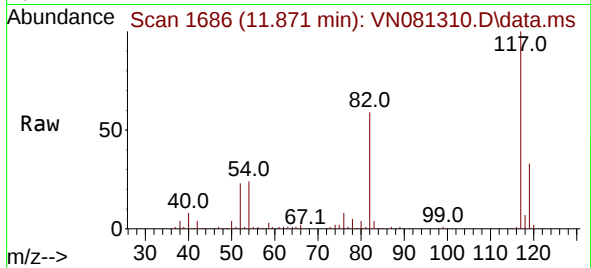




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 479256
Ion Ratio Lower Upper
117 100
82 58.6 52.7 79.1
119 32.9 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: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion:152 Resp: 186015
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 161.2 0.0 339.8

