

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080144.D
 Acq On : 16 Nov 2023 19:33
 Operator : JC\MD
 Sample : 05381-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 17 01:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	177977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	353458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162653	55.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.700%
35) Dibromofluoromethane	8.171	113	129204	52.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	10.570	98	450897	51.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.853	95	179813	53.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.900%

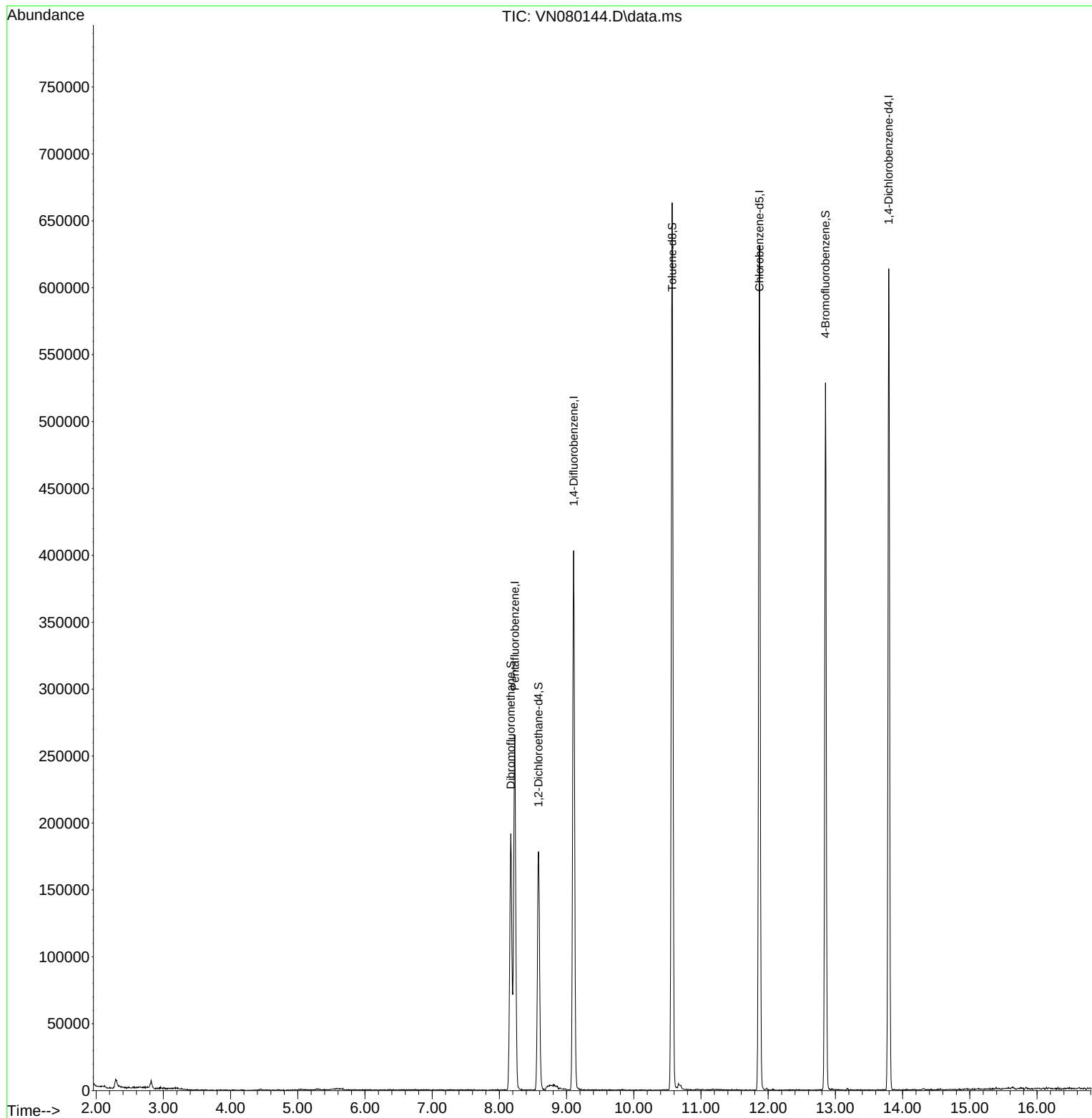
Target Compounds	Qvalue

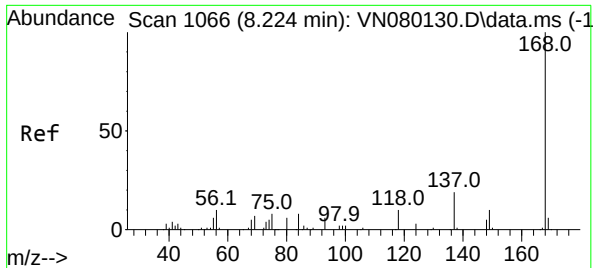
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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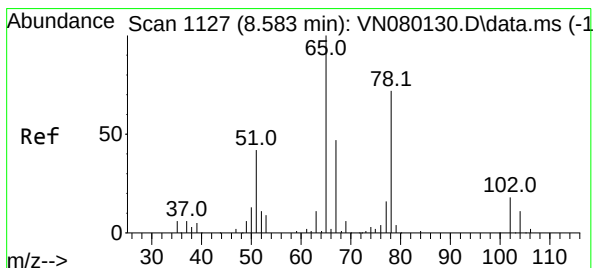
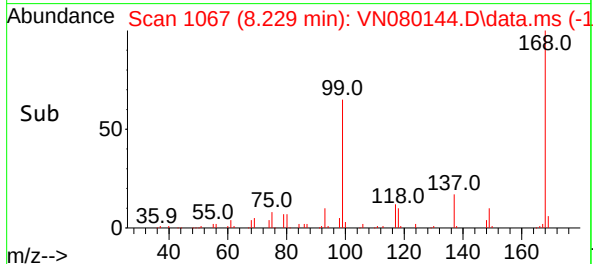
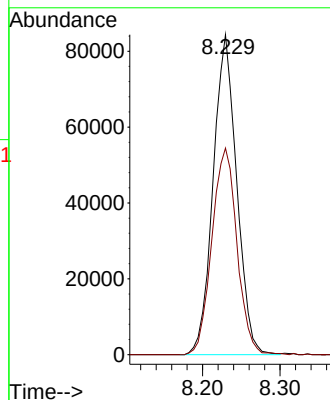
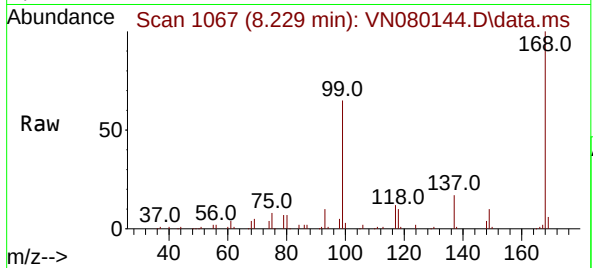




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

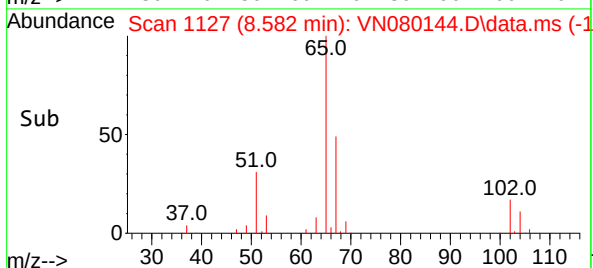
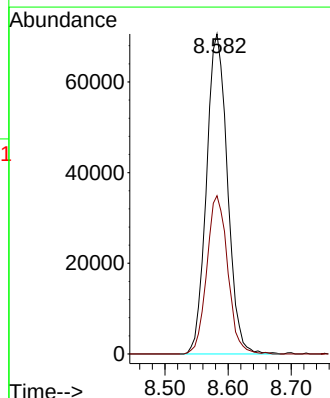
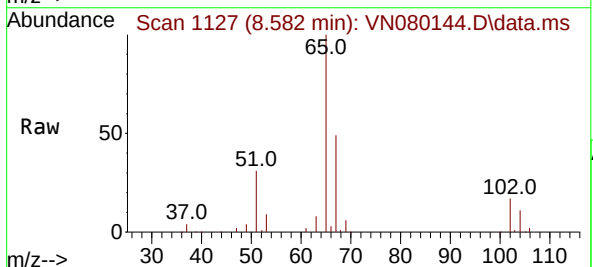
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

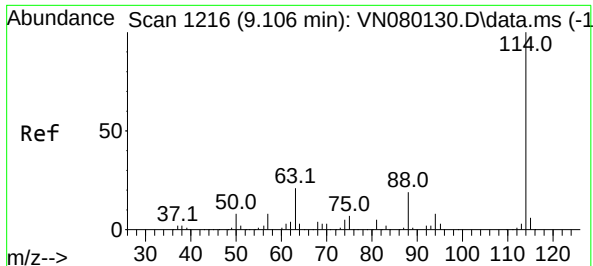
Tgt Ion:168 Resp: 177977
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.349 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

Tgt Ion: 65 Resp: 162653
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.6

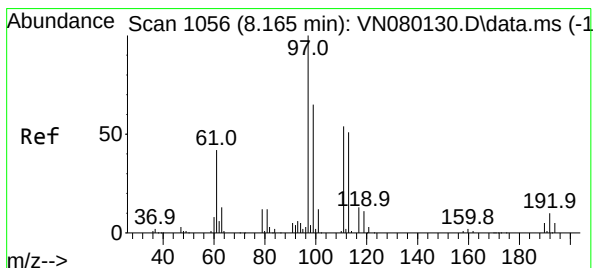
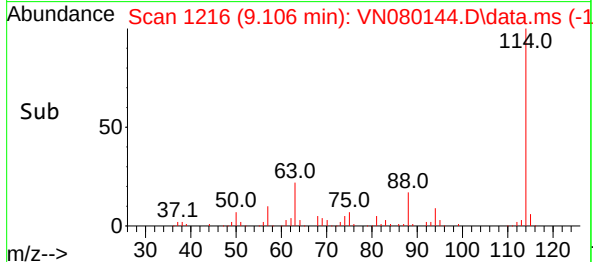
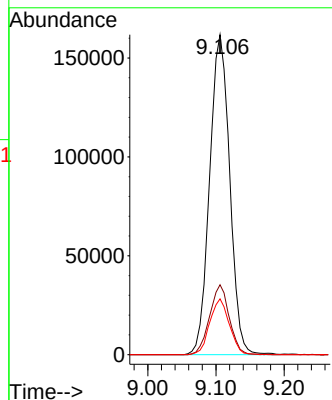
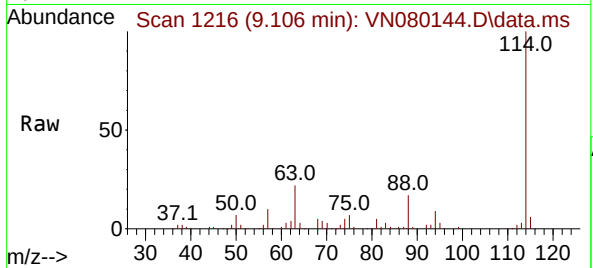




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

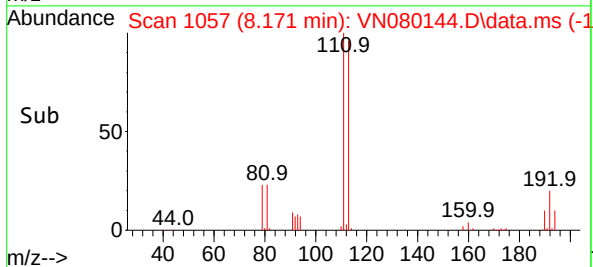
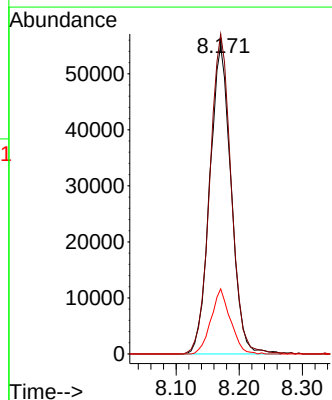
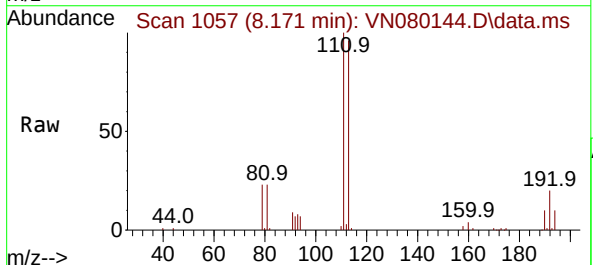
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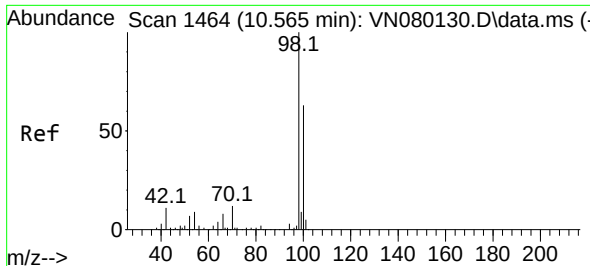
Tgt Ion:114 Resp: 331735
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 17.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

Tgt Ion:113 Resp: 129204
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.2 12.7 19.1#

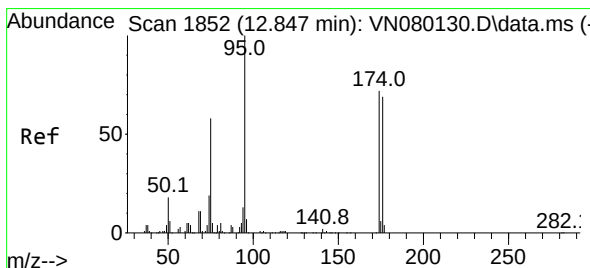
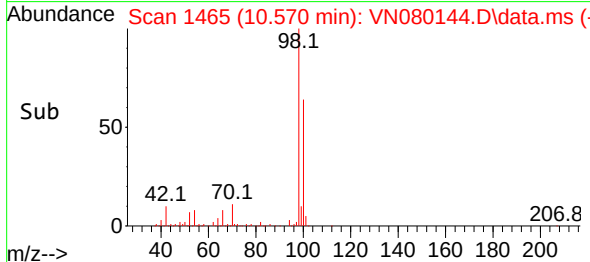
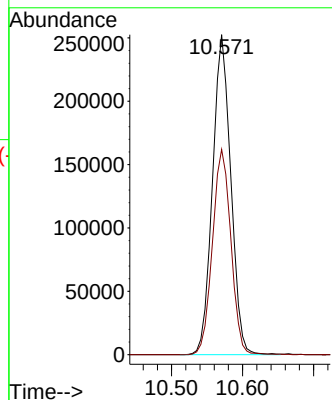
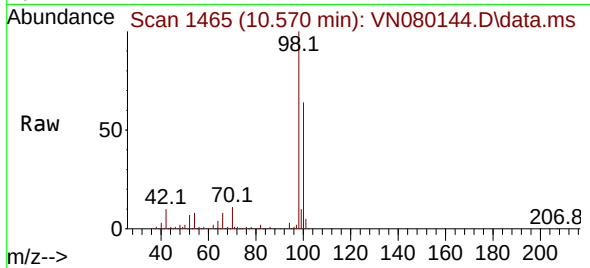




#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

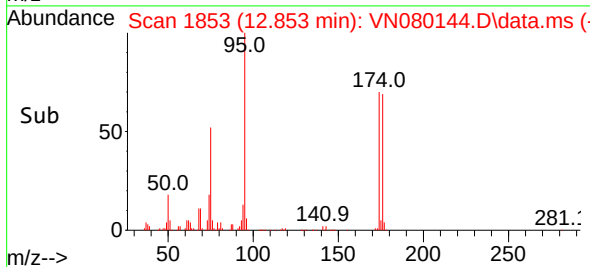
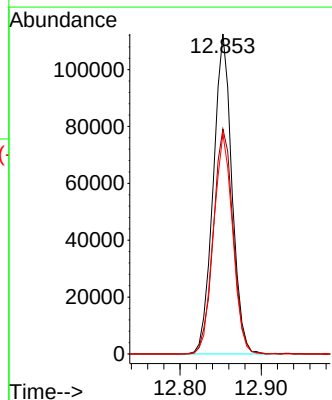
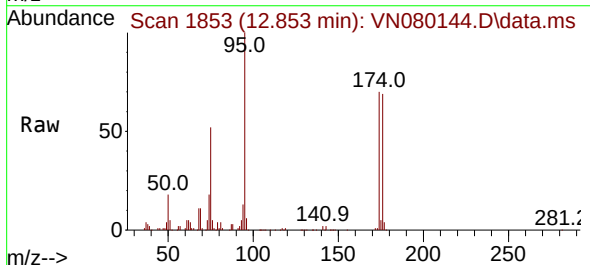
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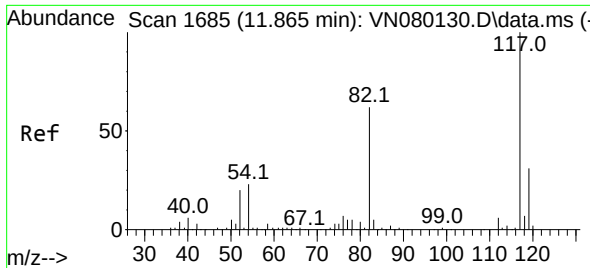
Tgt Ion: 98 Resp: 450897
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.952 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

Tgt Ion: 95 Resp: 179813
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.8 0.0 135.8

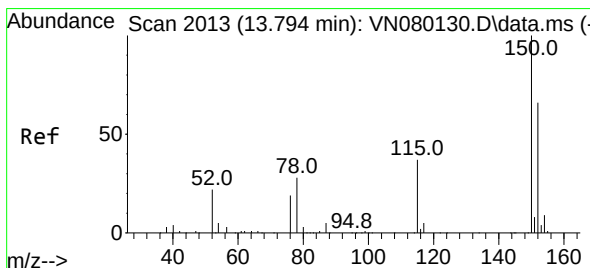
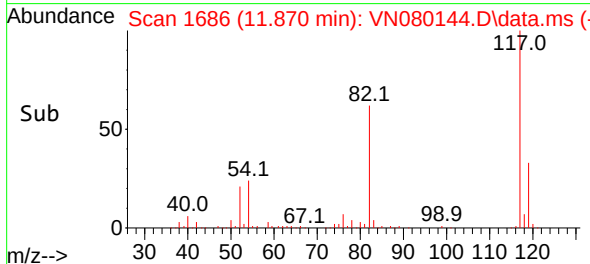
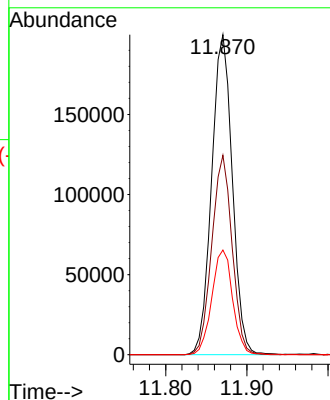
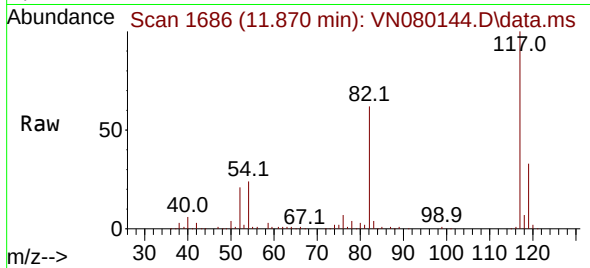




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 353458
Ion Ratio Lower Upper
117 100
82 62.3 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080144.D
Acq: 16 Nov 2023 19:33

Tgt Ion:152 Resp: 161622
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 156.0 0.0 355.8

