

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082828.D
 Acq On : 08 Jul 2024 17:48
 Operator : JC\MD
 Sample : P3169-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Jul 09 06:06:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	185421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	191469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77082	57.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.160%
35) Dibromofluoromethane	8.171	113	63042	52.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.980%
50) Toluene-d8	10.571	98	236501	53.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.853	95	84898	53.782	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.560%

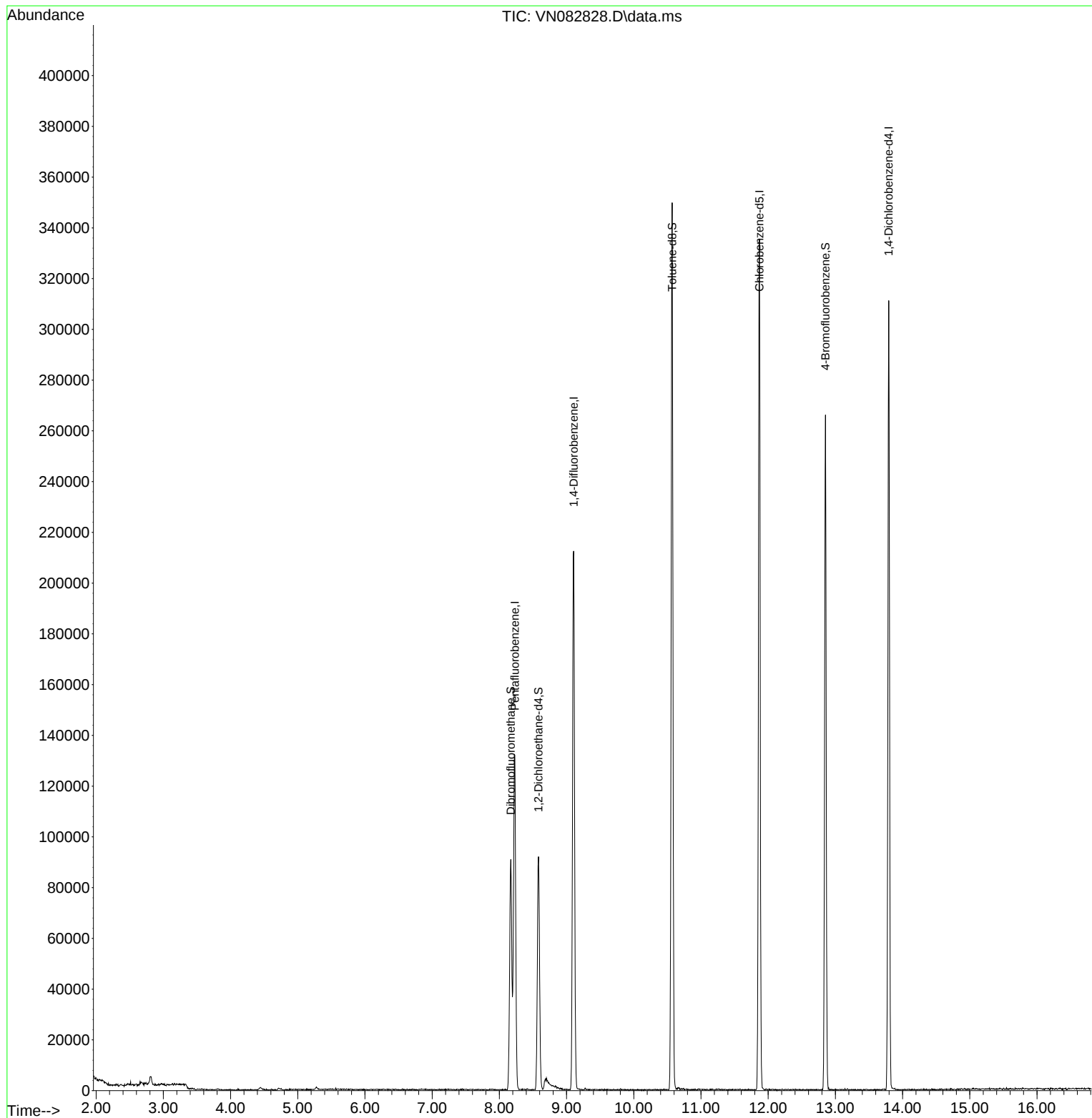
Target Compounds	Qvalue

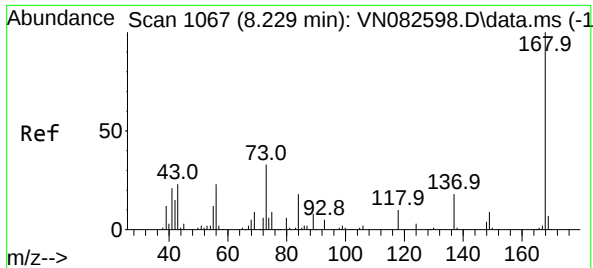
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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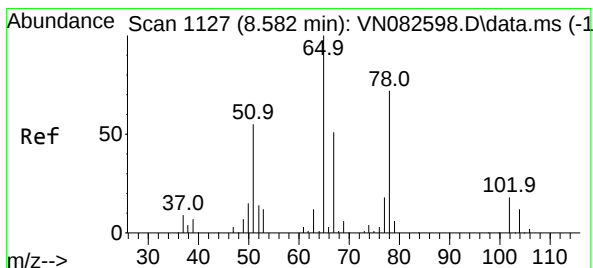
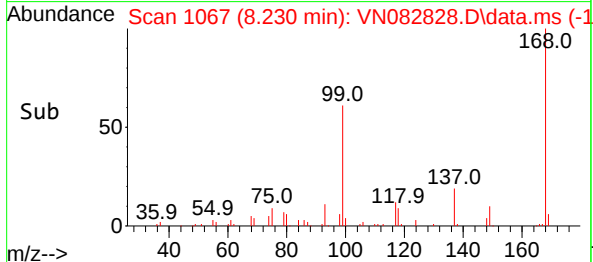
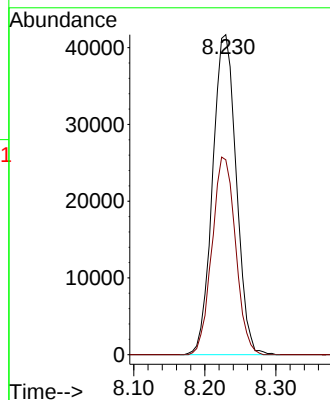
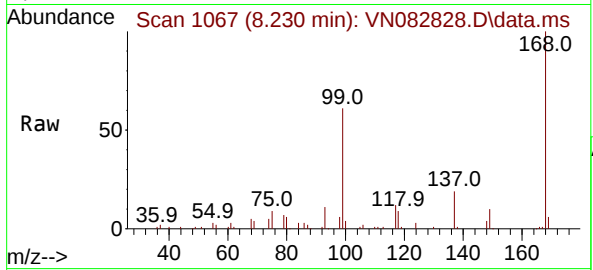




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

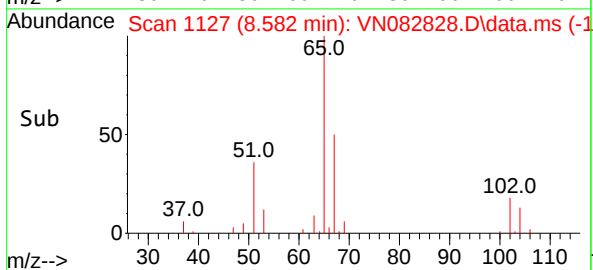
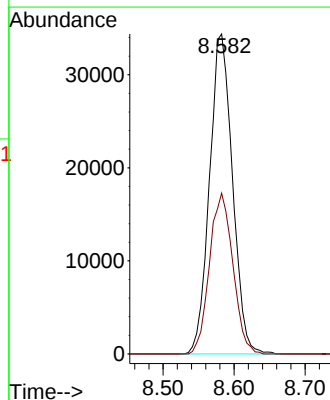
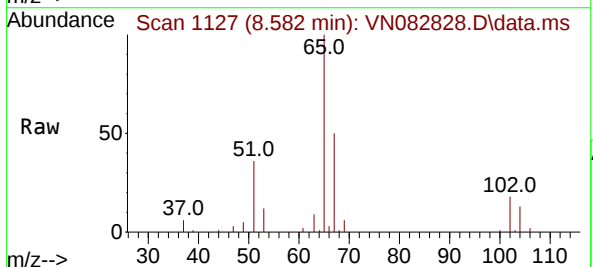
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

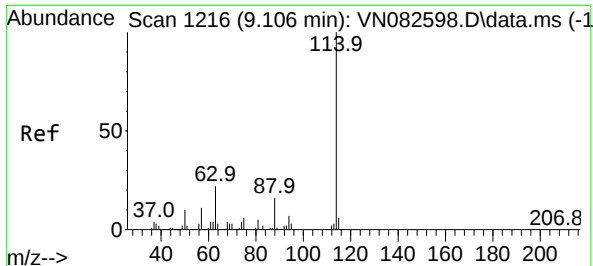
Tgt Ion:168 Resp: 96333
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.081 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion: 65 Resp: 77082
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

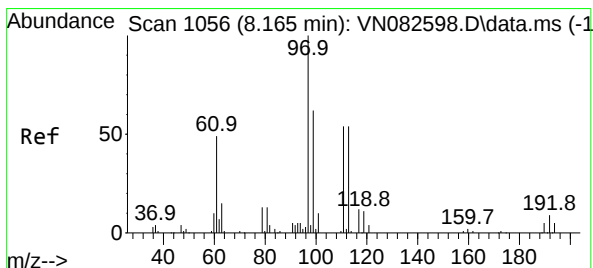
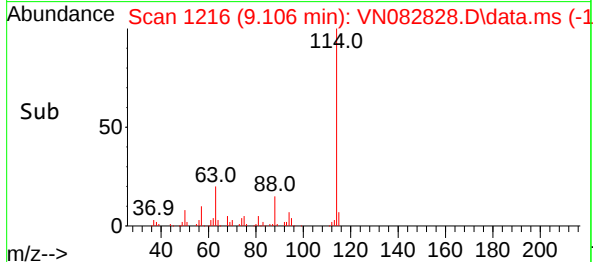
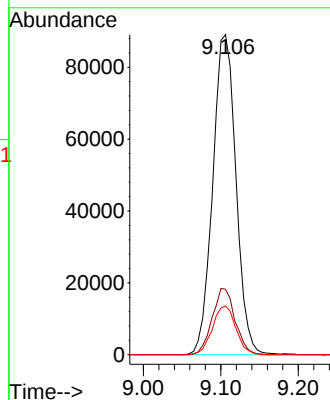
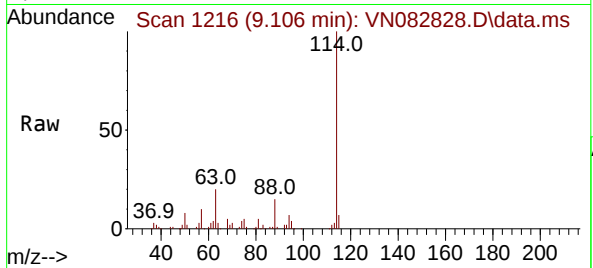




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

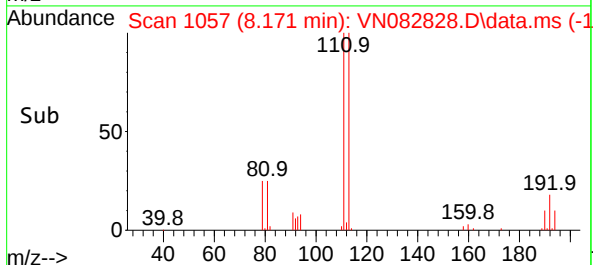
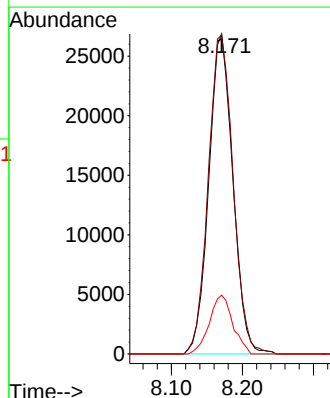
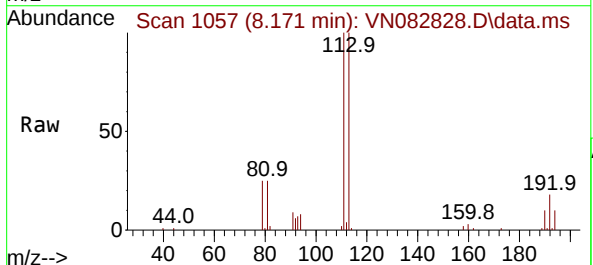
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

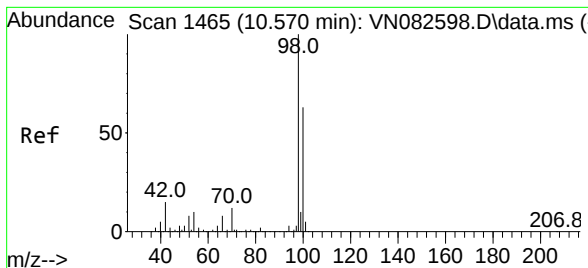
Tgt Ion:114 Resp: 185421
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.985 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion:113 Resp: 63042
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.9 14.9 22.3

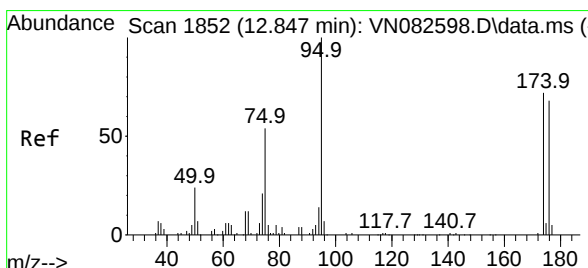
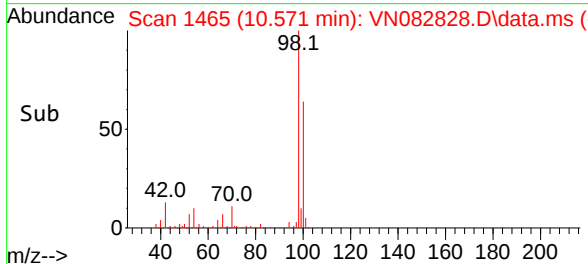
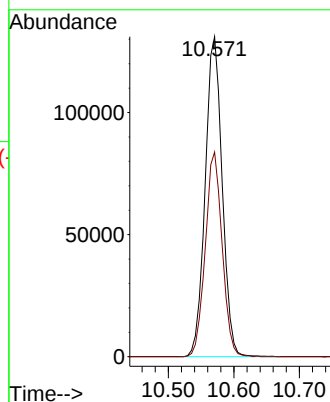
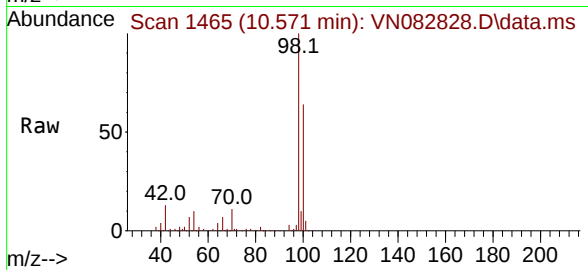




#50
Toluene-d8
Concen: 53.818 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

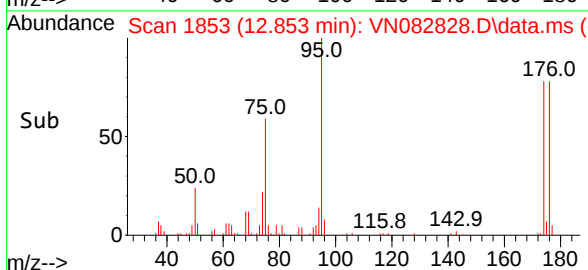
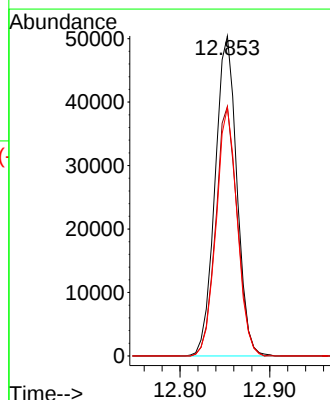
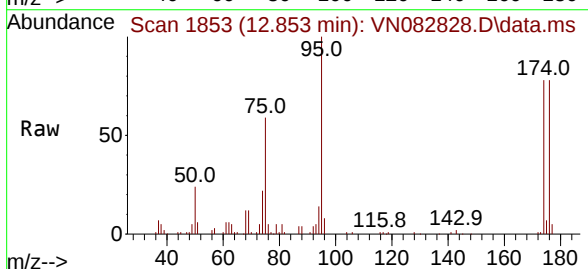
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

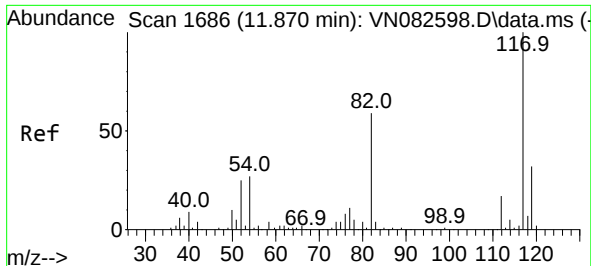
Tgt Ion: 98 Resp: 236501
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 53.782 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion: 95 Resp: 84898
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.2
176 75.1 0.0 147.6

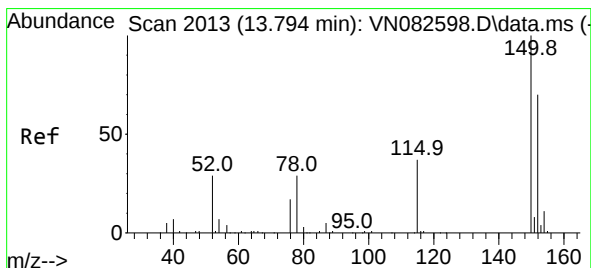
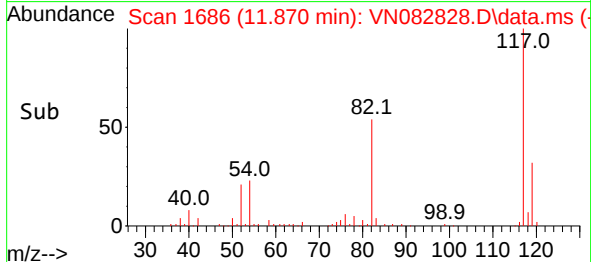
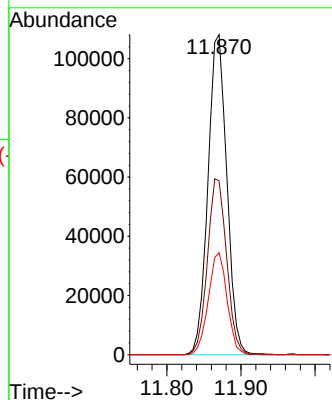
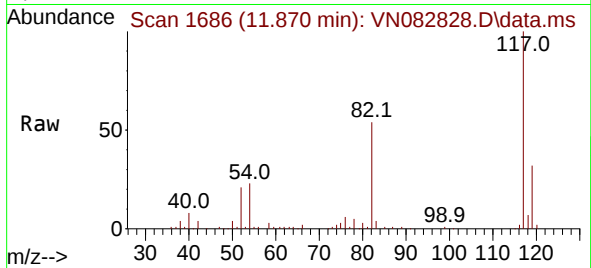




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082828.D
Acq: 08 Jul 2024 17:48

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 191469
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 31.9 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: VN082828.D
Acq: 08 Jul 2024 17:48

Tgt Ion:152 Resp: 80369
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 159.2 0.0 348.6

