

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082845.D
 Acq On : 09 Jul 2024 17:35
 Operator : JC\MD
 Sample : P3170-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-DRUMS

Quant Time: Jul 10 01:24:19 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	8.229	168	97320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	182897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	177745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74412	54.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.100%
35) Dibromofluoromethane	8.171	113	62129	52.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.880%
50) Toluene-d8	10.570	98	212149	48.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.853	95	67698	43.478	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.960%

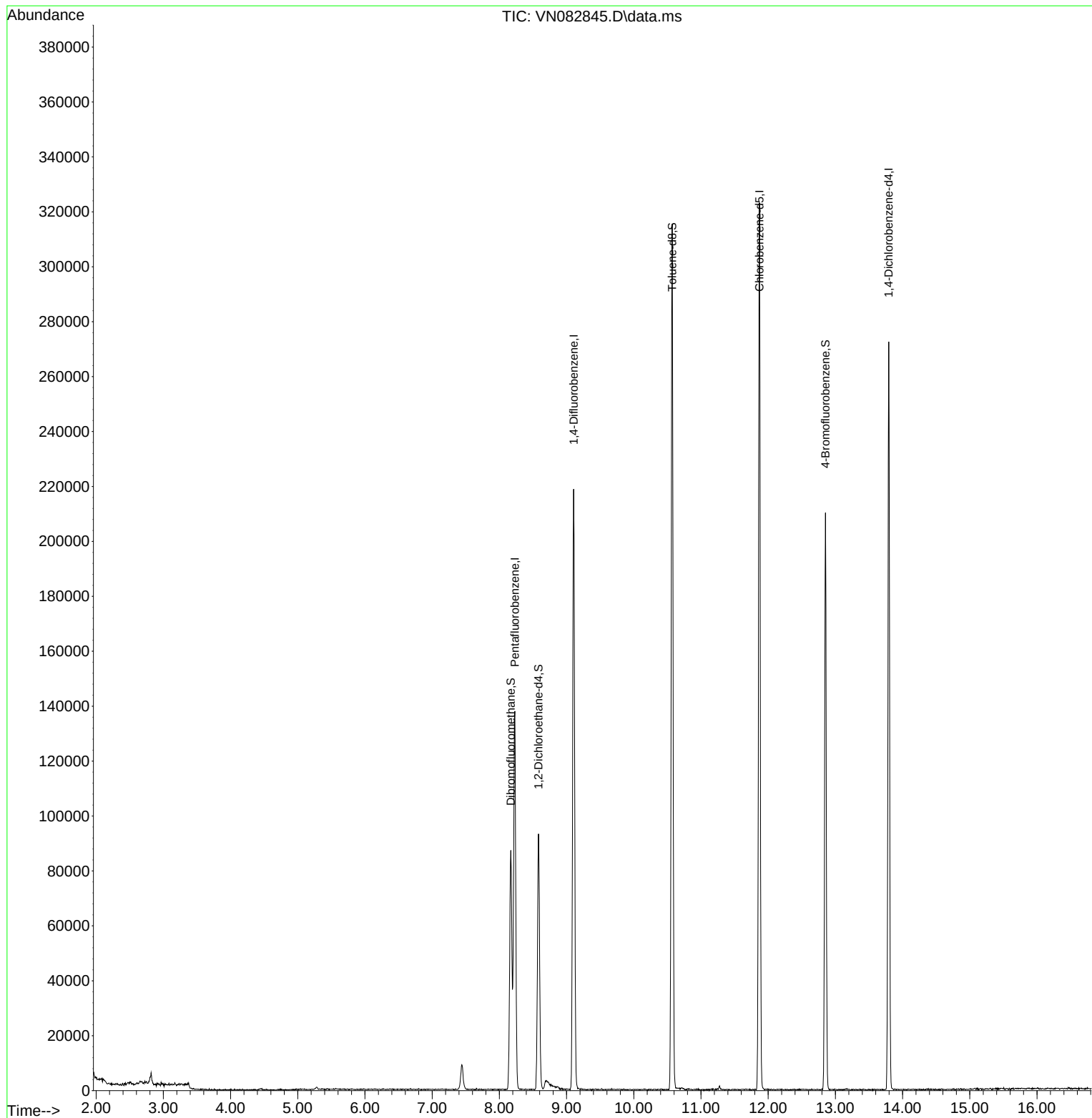
Target Compounds	Qvalue

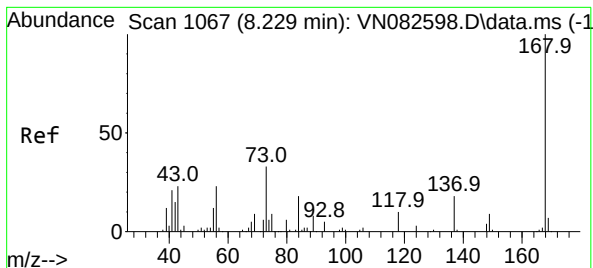
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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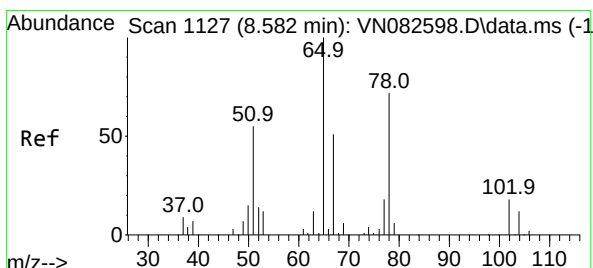
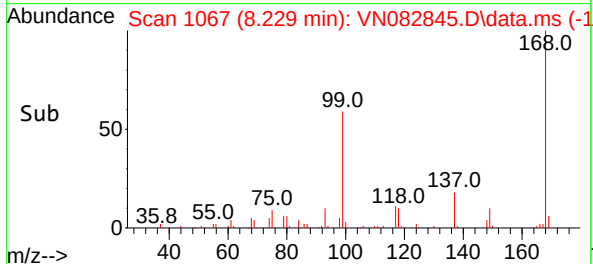
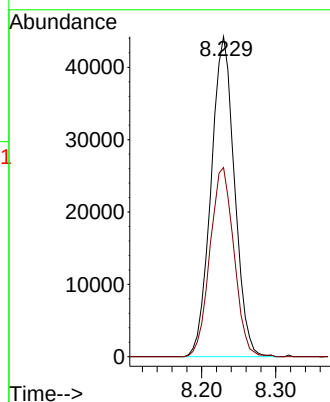
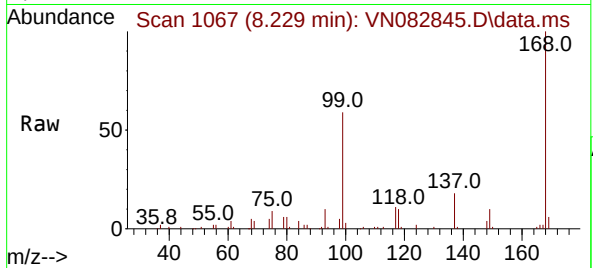




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

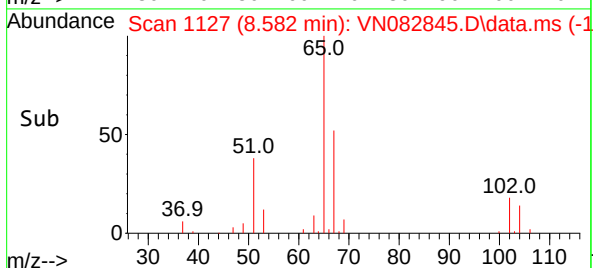
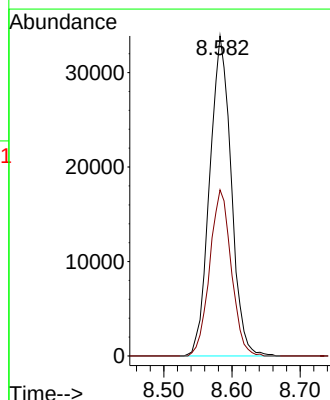
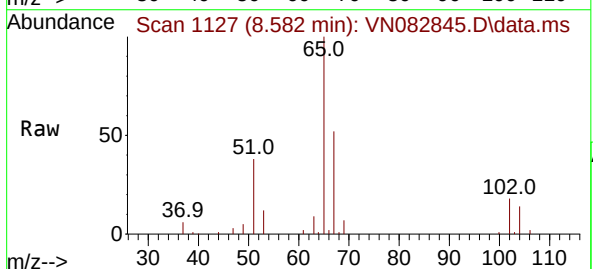
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

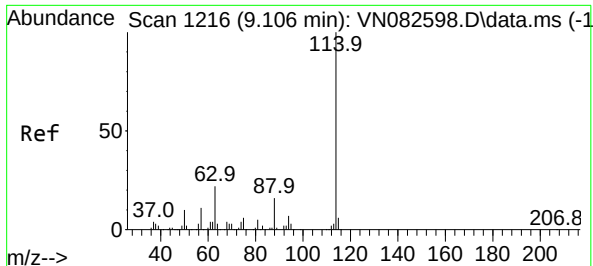
Tgt Ion:168 Resp: 97320
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.545 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 65 Resp: 74412
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.4

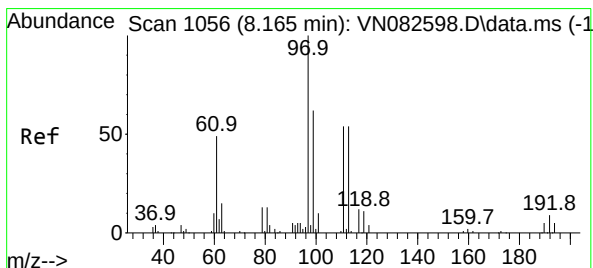
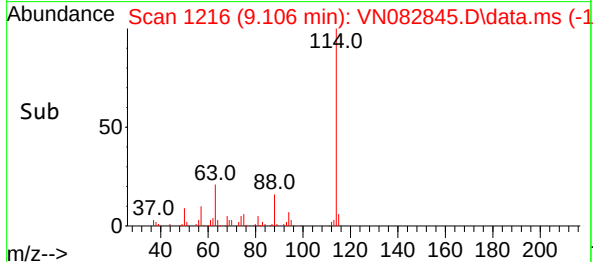
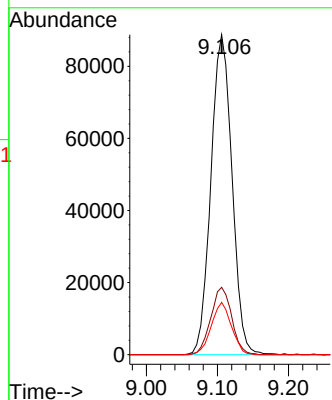
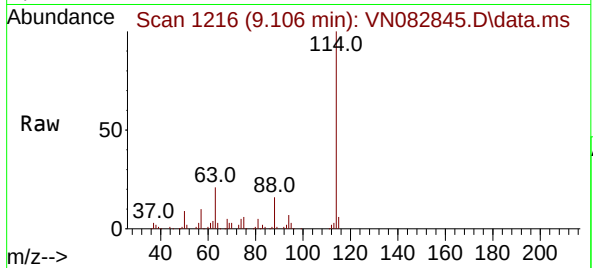




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

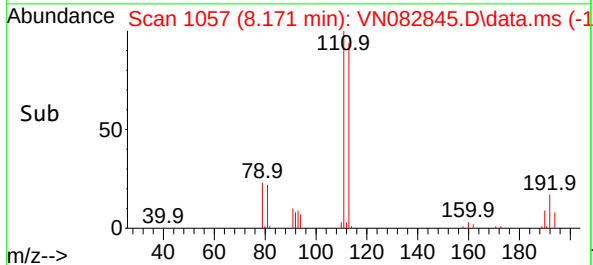
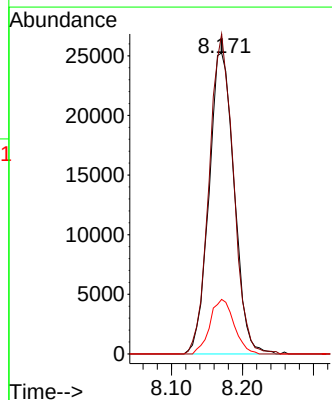
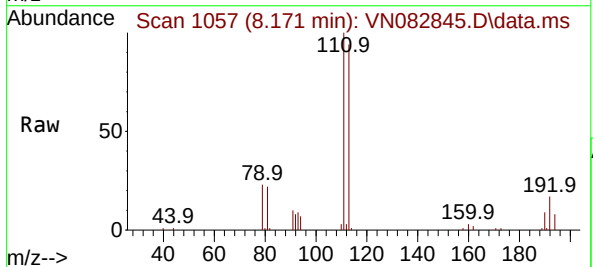
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

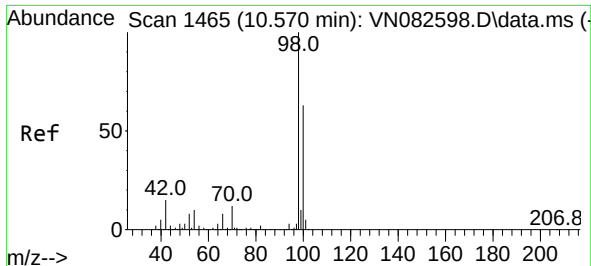
Tgt Ion:114 Resp: 182897
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.939 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion:113 Resp: 62129
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.4 14.9 22.3

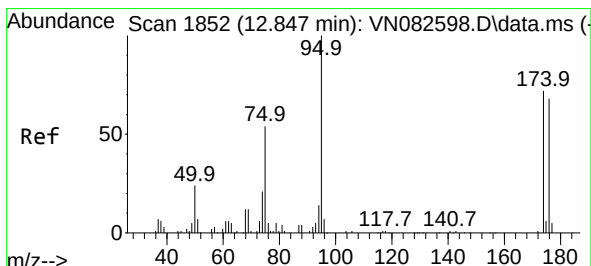
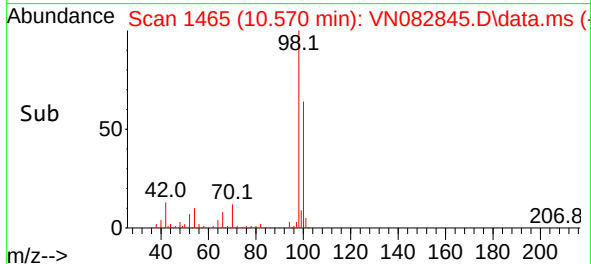
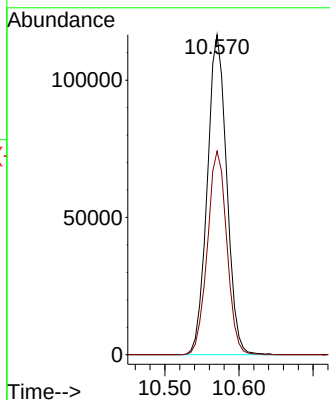
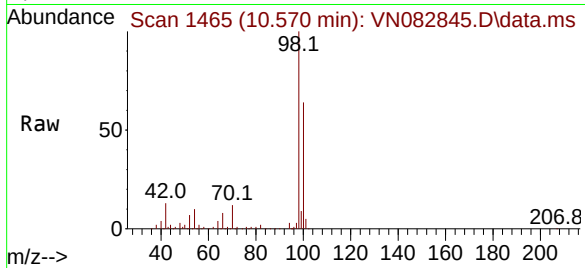




#50
Toluene-d8
Concen: 48.942 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

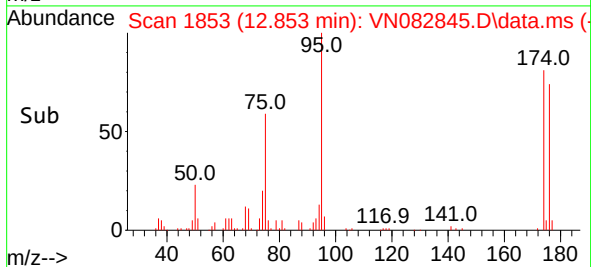
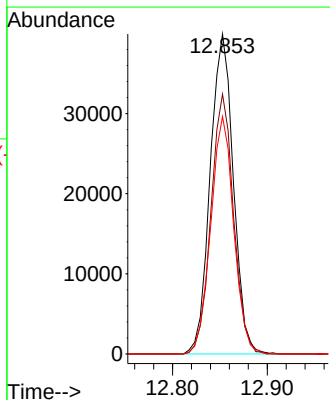
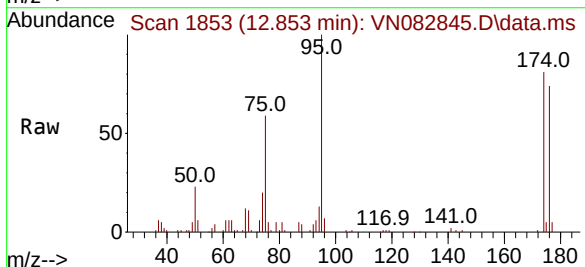
Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

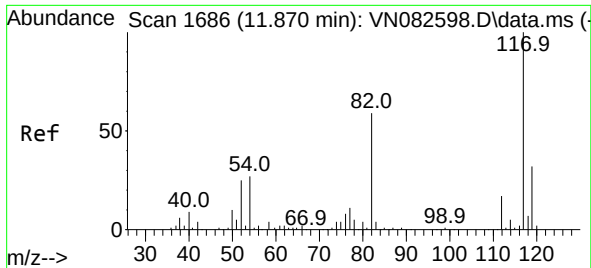
Tgt Ion: 98 Resp: 212149
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.478 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion: 95 Resp: 67698
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 73.5 0.0 147.6

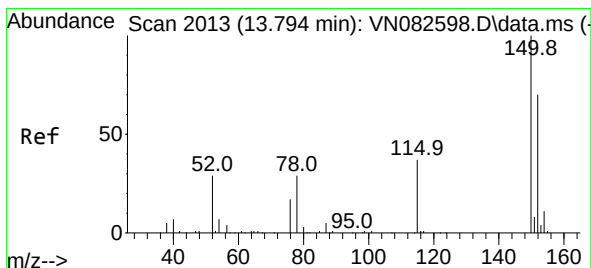
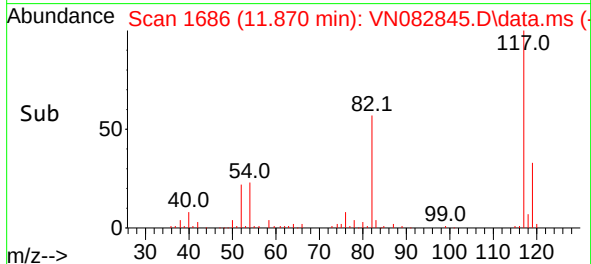
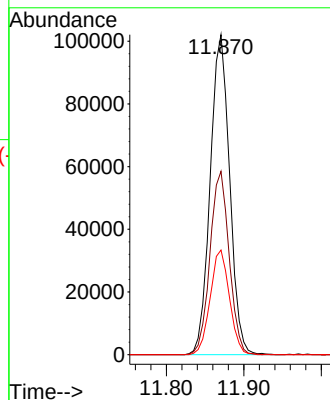
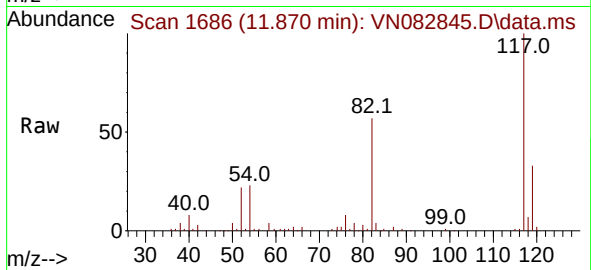




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082845.D
Acq: 09 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :
WATER-DRUMS

Tgt Ion:117 Resp: 177745
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
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: VN082845.D
Acq: 09 Jul 2024 17:35

Tgt Ion:152 Resp: 70932
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 156.9 0.0 348.6

