

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082821.D
 Acq On : 08 Jul 2024 14:44
 Operator : JC\MD
 Sample : VN0708WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

Quant Time: Jul 08 17:42:51 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	95329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	177715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	74865	56.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.040%
35) Dibromofluoromethane	8.171	113	61841	52.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.571	98	231708	53.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.780%
62) 4-Bromofluorobenzene	12.853	95	77933	49.993	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.980%

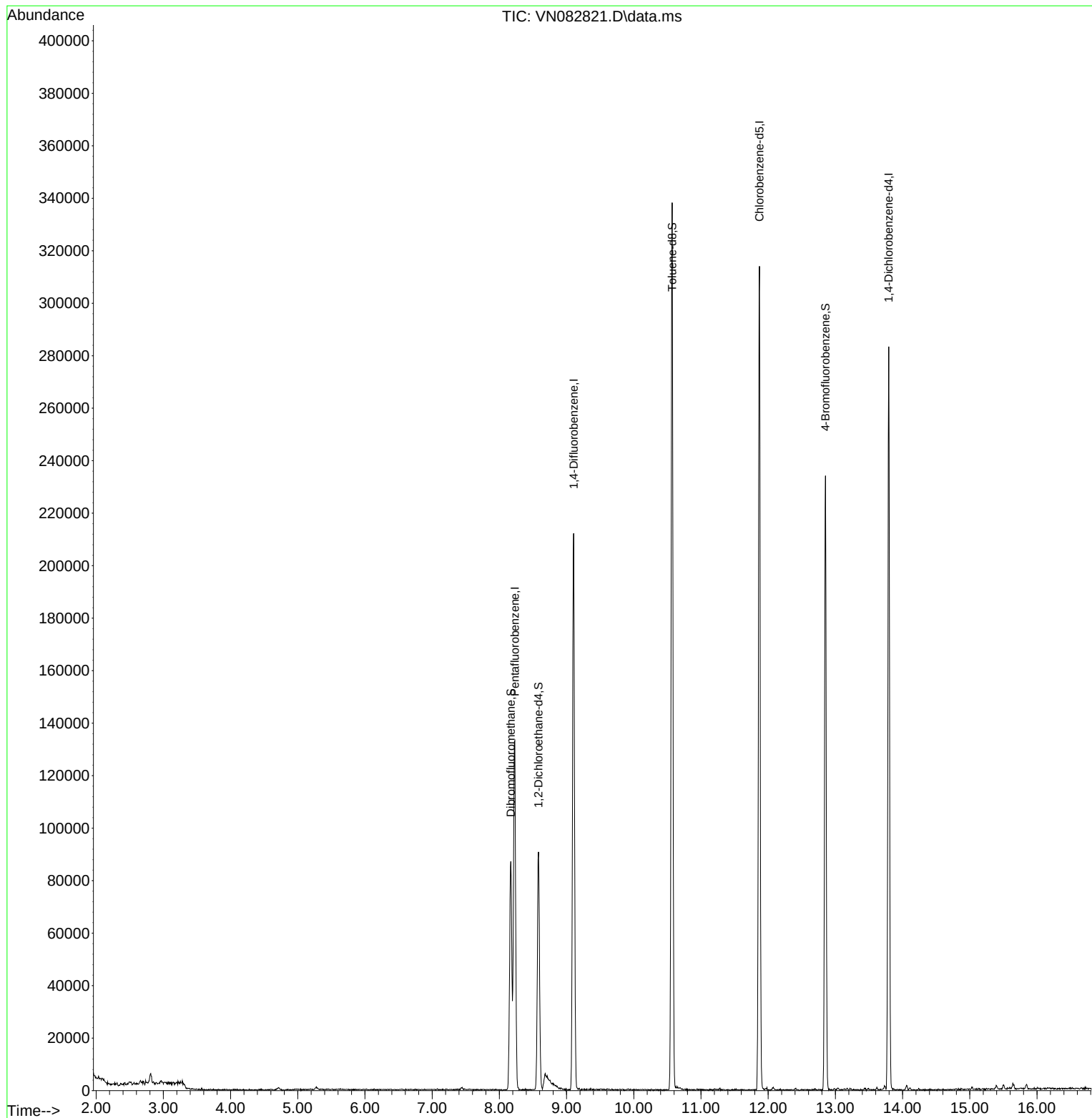
Target Compounds	Qvalue

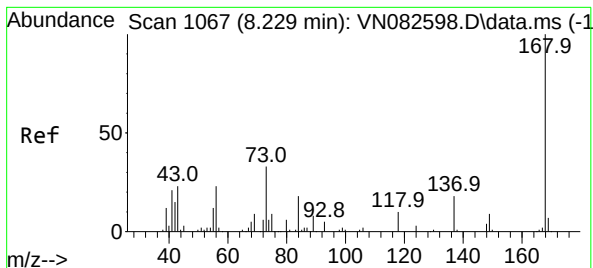
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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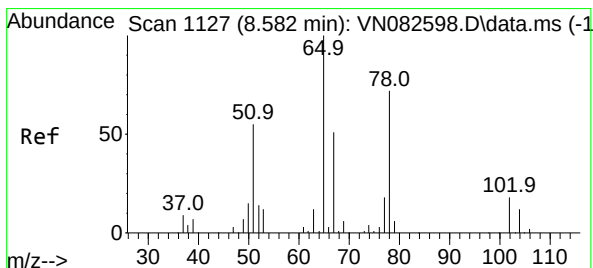
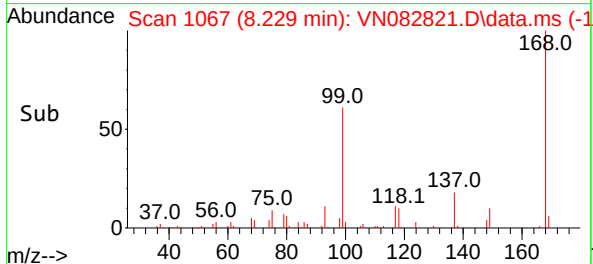
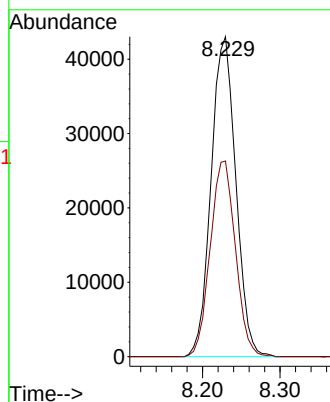
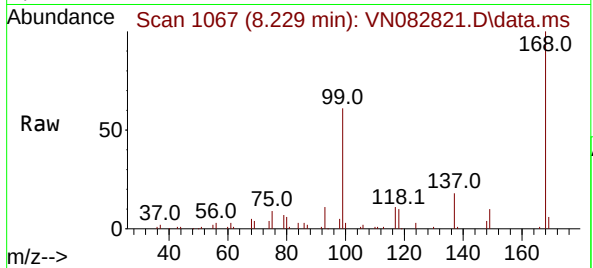




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

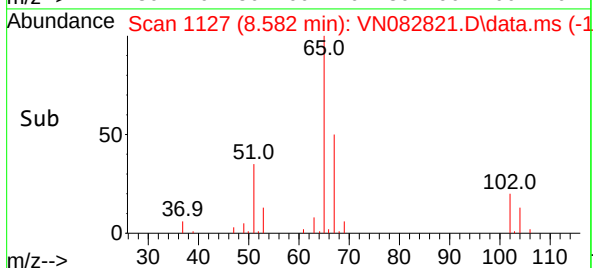
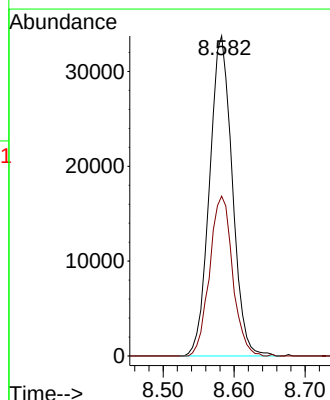
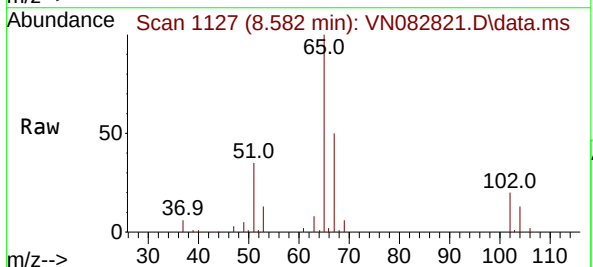
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

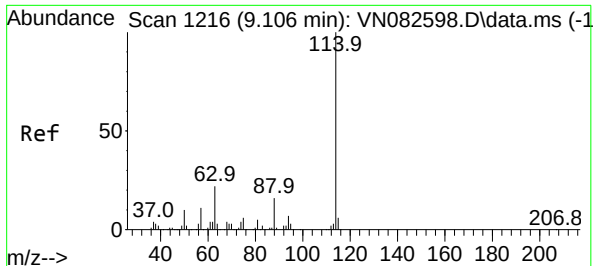
Tgt Ion:168 Resp: 95329
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.023 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion: 65 Resp: 74865
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

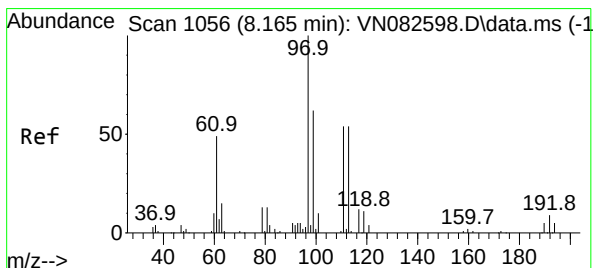
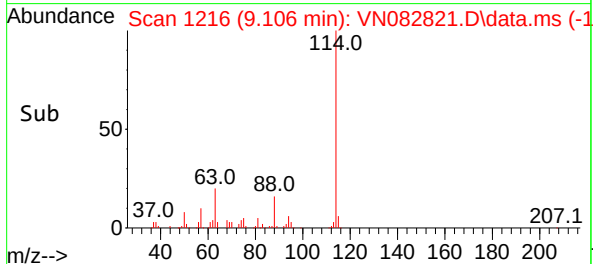
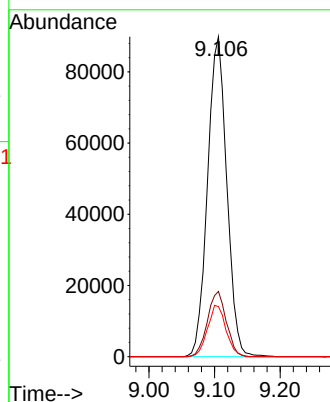
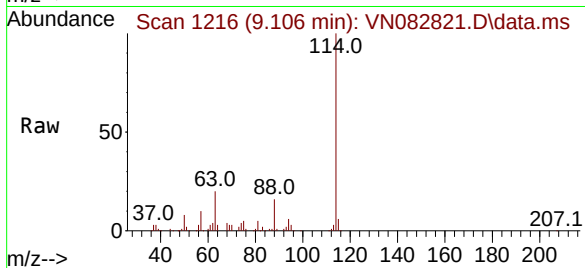




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

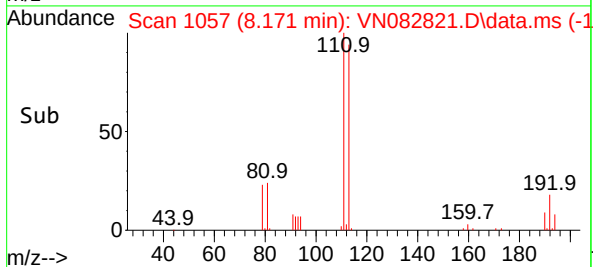
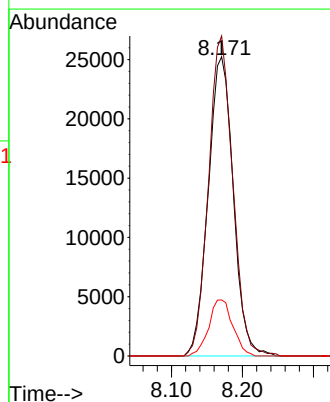
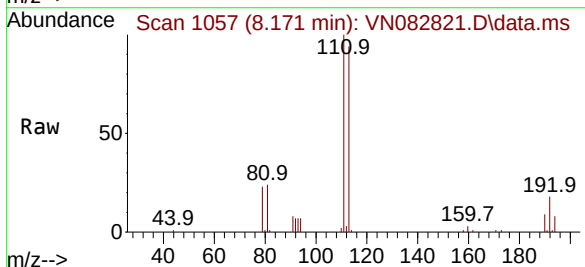
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

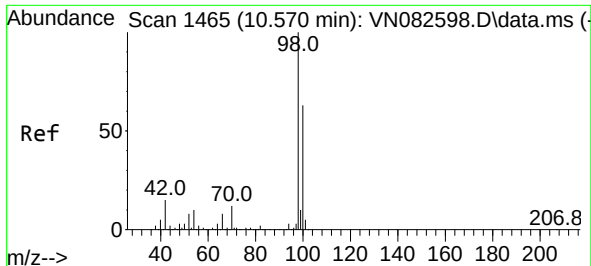
Tgt Ion:114 Resp: 183112
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.631 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion:113 Resp: 61841
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.0 14.9 22.3

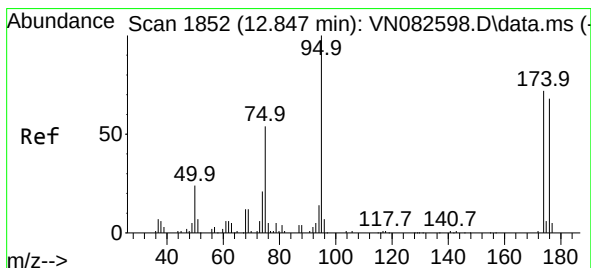
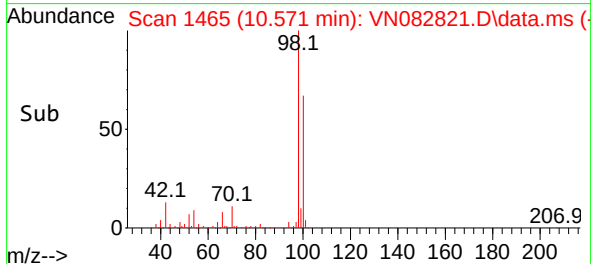
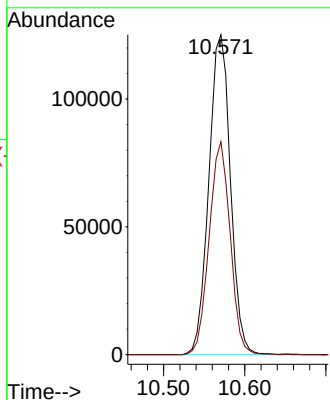
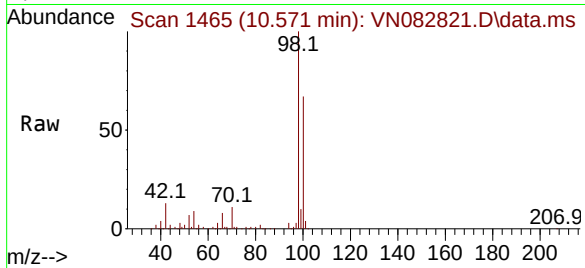




#50
Toluene-d8
Concen: 53.392 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

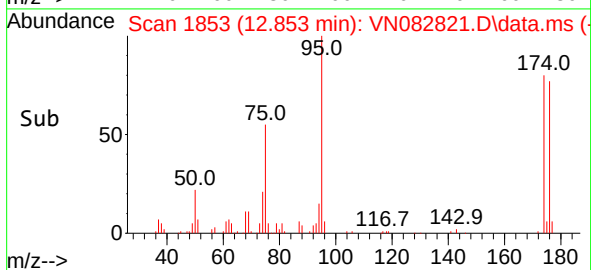
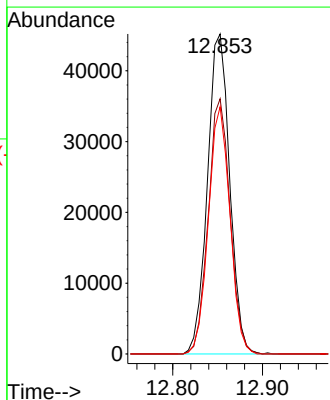
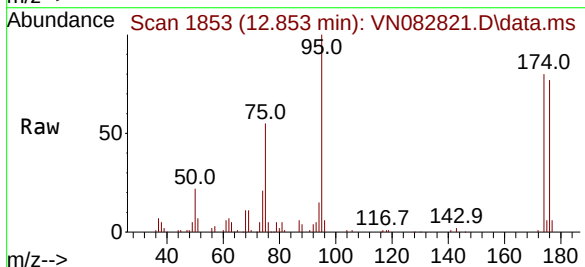
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

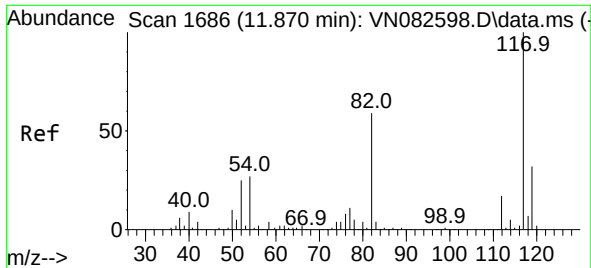
Tgt Ion: 98 Resp: 231708
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion: 95 Resp: 77933
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.4 0.0 147.6

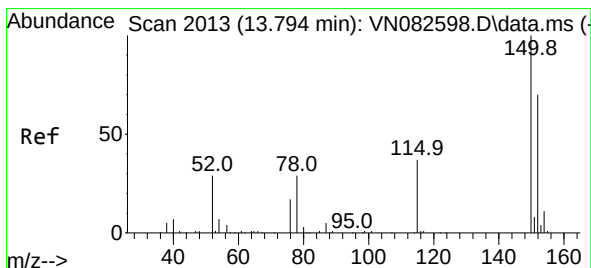
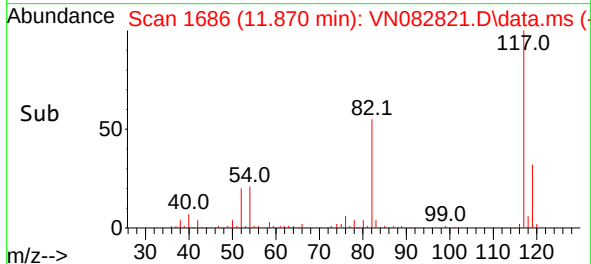
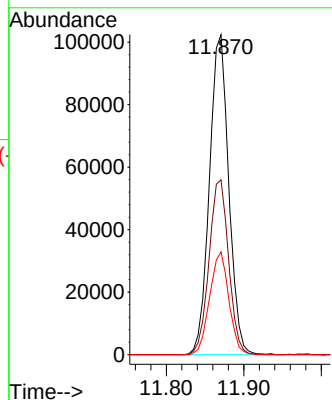
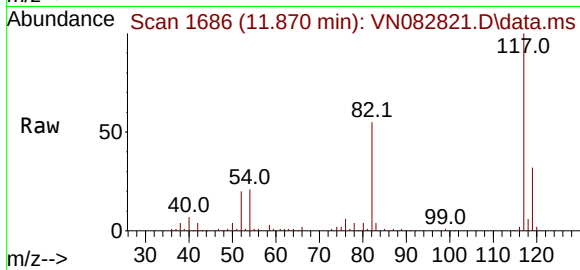




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082821.D
Acq: 08 Jul 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

Tgt Ion:117 Resp: 177715
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 32.2 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: VN082821.D
Acq: 08 Jul 2024 14:44

Tgt Ion:152 Resp: 73786
Ion Ratio Lower Upper
152 100
115 60.0 30.6 91.6
150 160.1 0.0 348.6

