

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078222.D
 Acq On : 15 Jun 2023 12:32
 Operator : JC\MD
 Sample : VN0615WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0615WBL01

Quant Time: Jun 16 06:04:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	445855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	823091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	735060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320936	53.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.980%
35) Dibromofluoromethane	8.177	113	284028	54.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.160%
50) Toluene-d8	10.570	98	979941	48.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.853	95	298567	47.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%

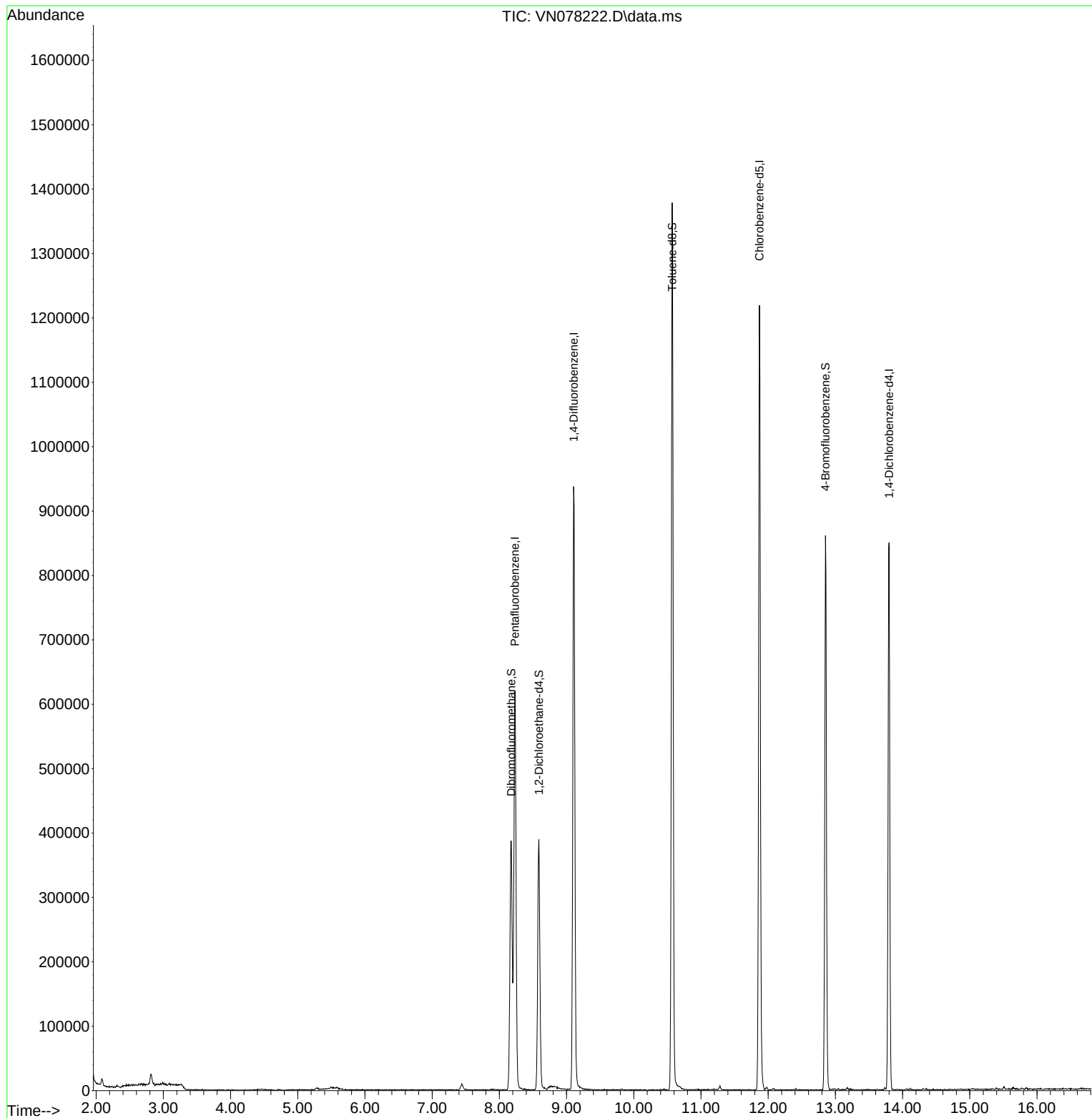
Target Compounds	Qvalue

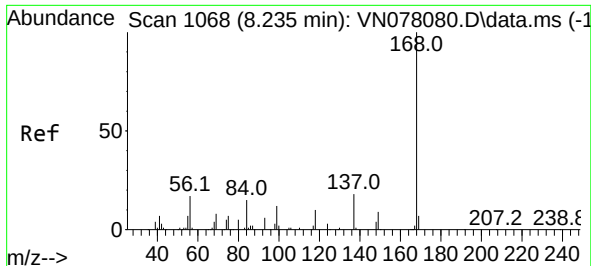
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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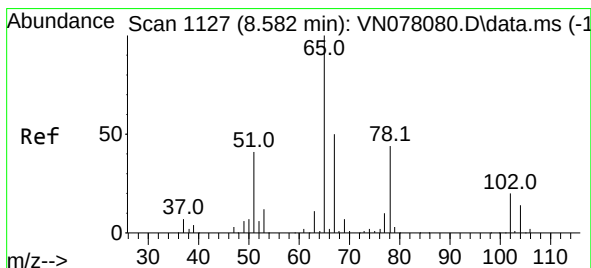
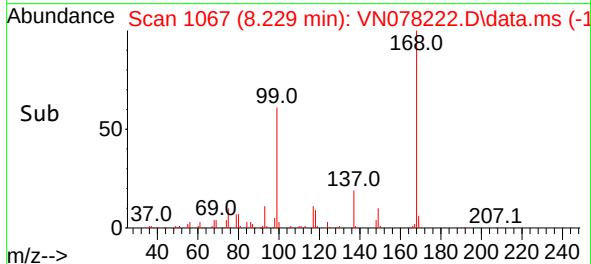
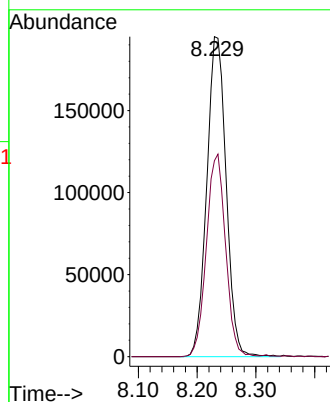
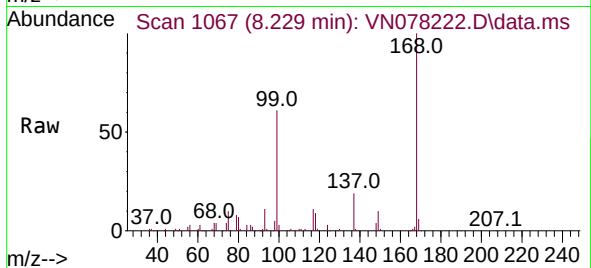




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

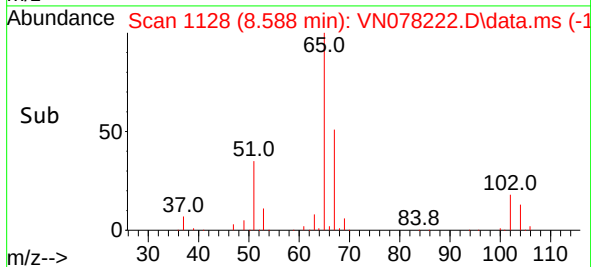
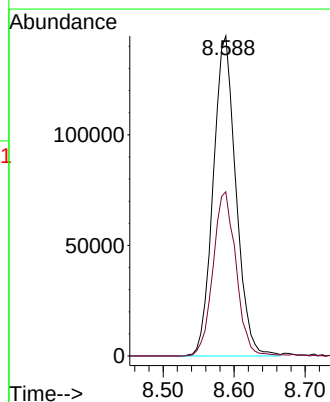
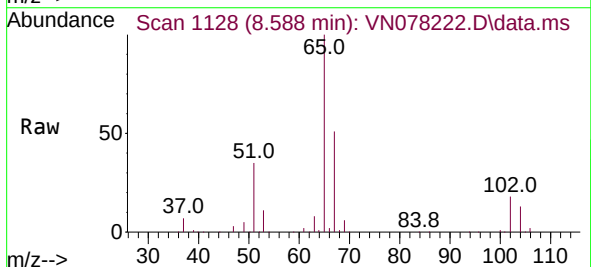
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBL01

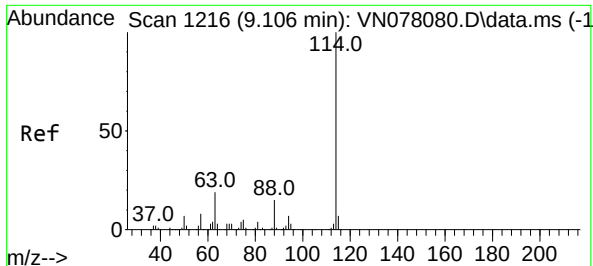
Tgt Ion:168 Resp: 445855
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.988 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

Tgt Ion: 65 Resp: 320936
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

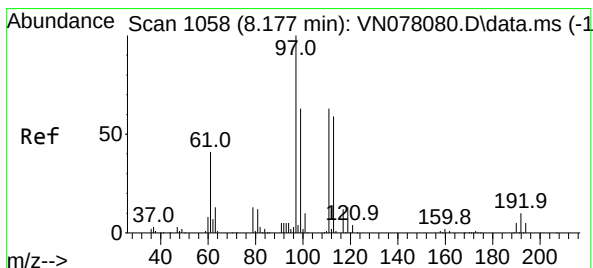
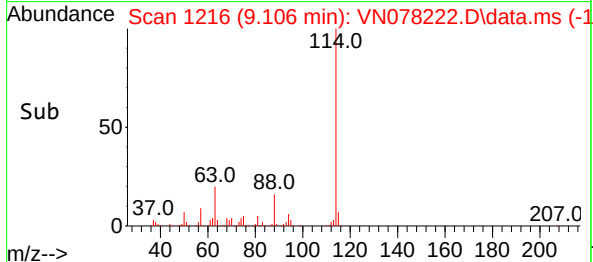
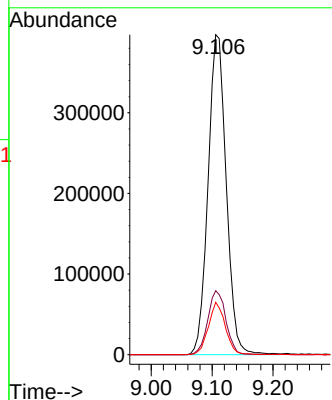
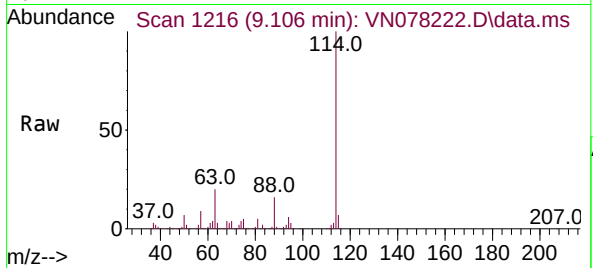




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

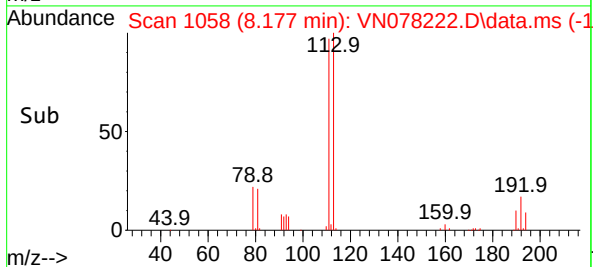
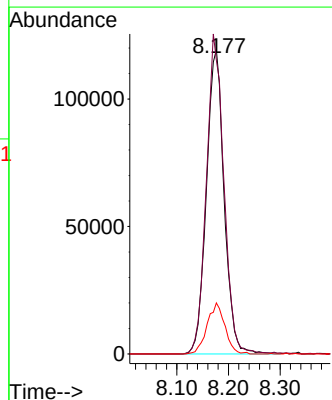
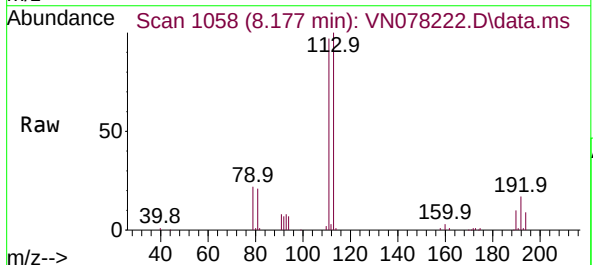
Instrument :
MSVOA_N
ClientSampleId :
VN0615WBL01

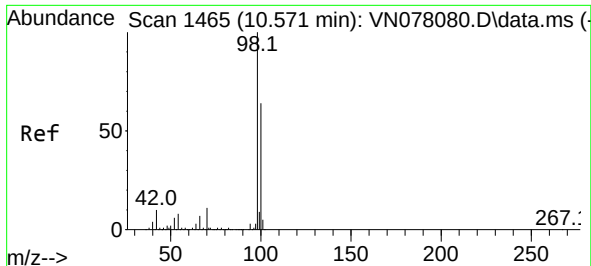
Tgt Ion:114 Resp: 823091
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.576 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

Tgt Ion:113 Resp: 284028
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 16.8 12.7 19.1

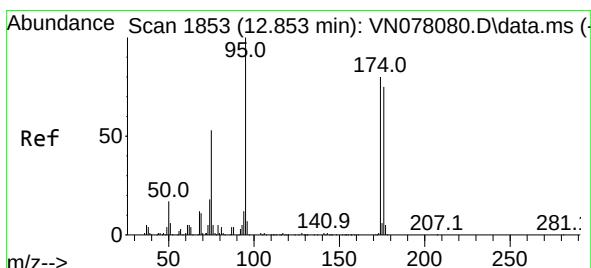
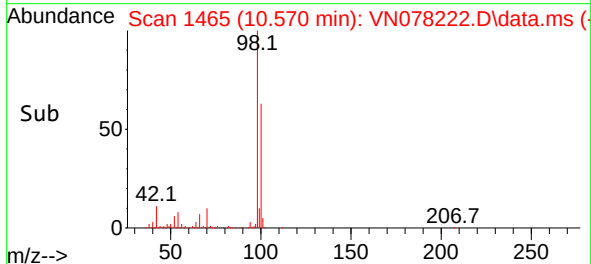
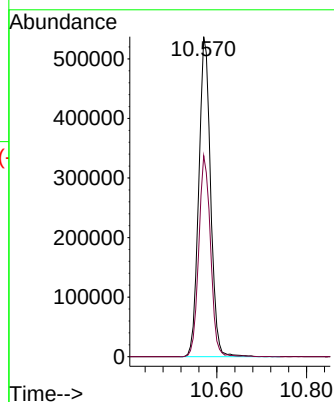
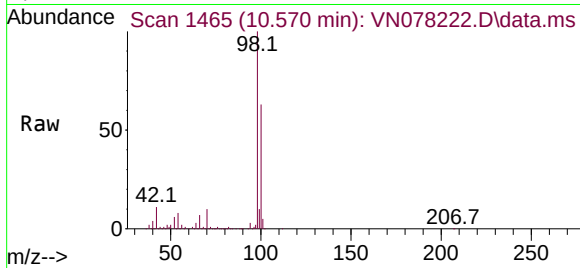




#50
Toluene-d8
Concen: 48.843 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

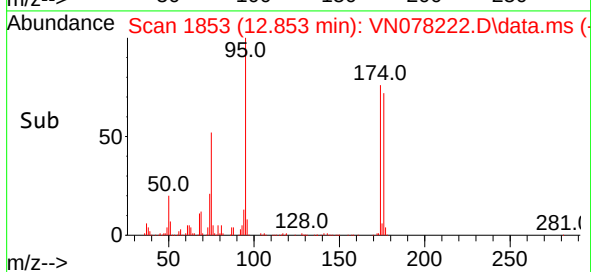
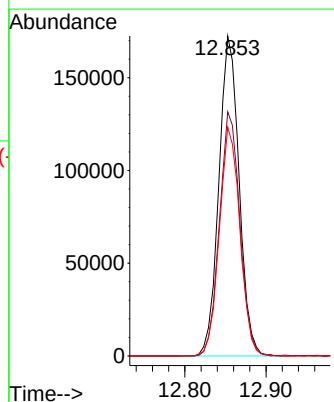
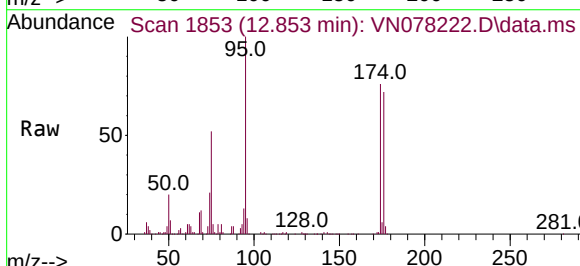
Instrument :
MSVOA_N
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VN0615WBL01

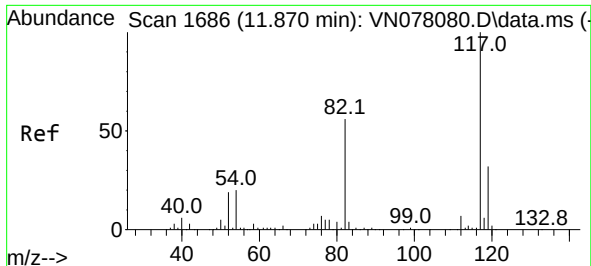
Tgt Ion: 98 Resp: 979941
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.869 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

Tgt Ion: 95 Resp: 298567
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 72.6 0.0 135.8

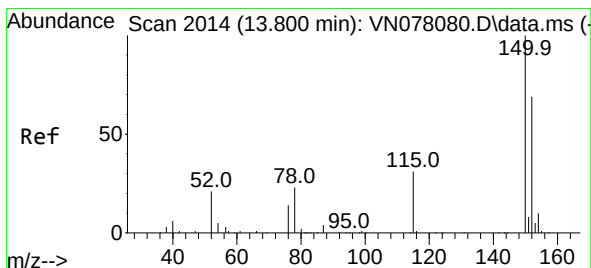
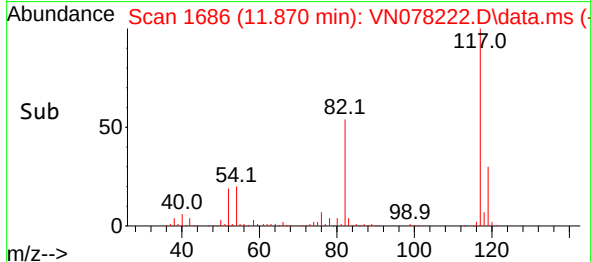
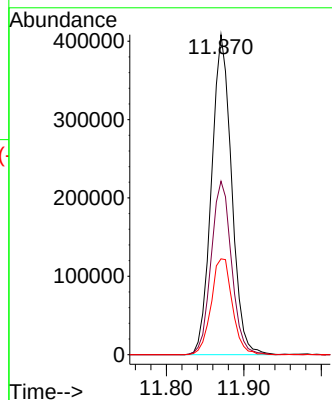
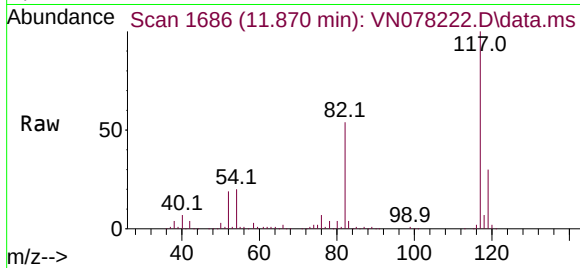




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0615WBL01

Tgt Ion:117 Resp: 735060
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VN078222.D
Acq: 15 Jun 2023 12:32

Tgt Ion:152 Resp: 233721
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 156.6 0.0 355.8

