

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078238.D
 Acq On : 15 Jun 2023 19:10
 Operator : JC\MD
 Sample : 03231-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jun 16 06:11:33 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	8.236	168	426282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	790308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	701948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	217014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307912	54.175	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.360%
35) Dibromofluoromethane	8.177	113	274377	54.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.820%
50) Toluene-d8	10.577	98	934620	48.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.853	95	286556	47.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%

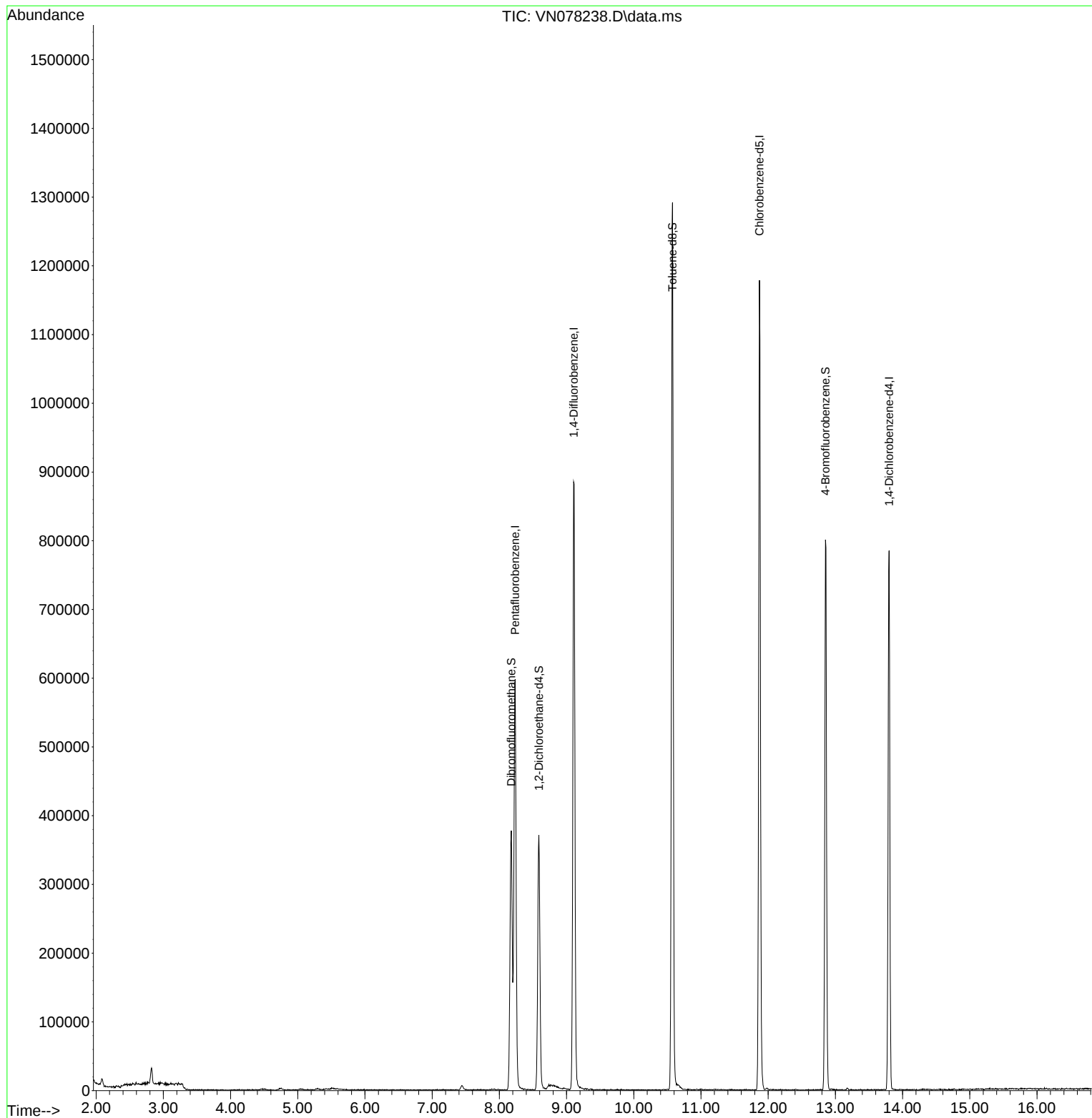
Target Compounds	Qvalue

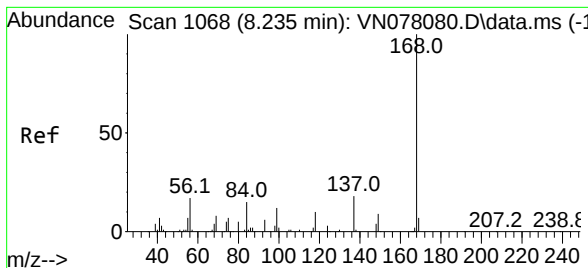
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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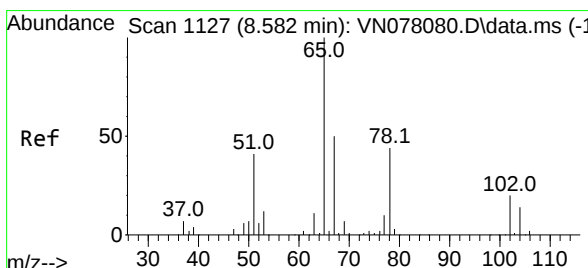
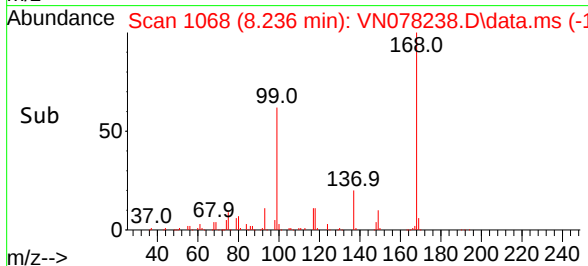
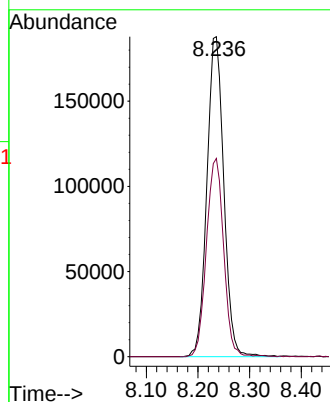
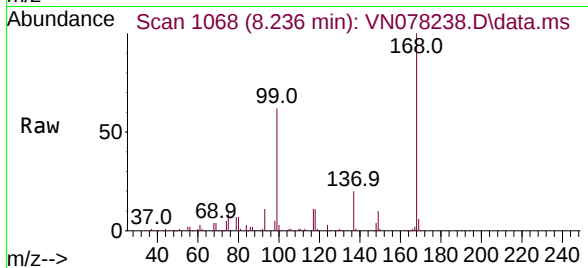




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1108
Delta R.T. 0.001 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

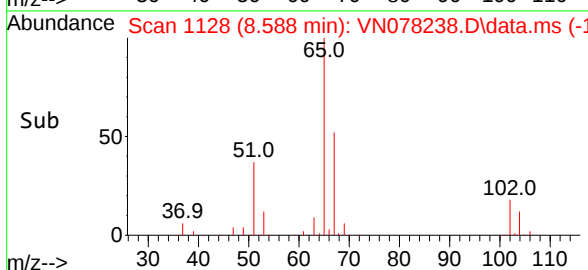
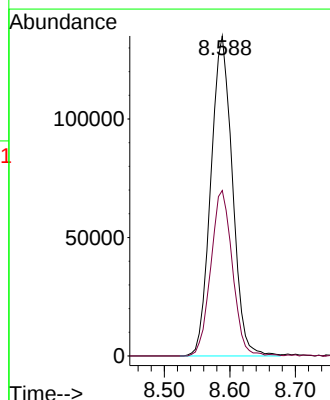
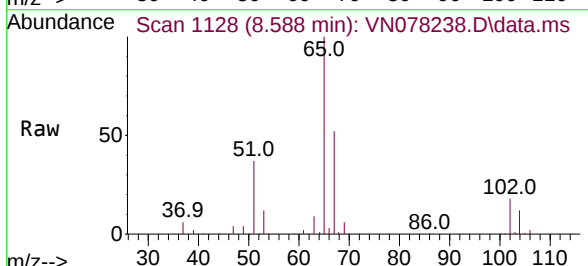
Instrument :
MSVOA_N
ClientSampleId :
TB

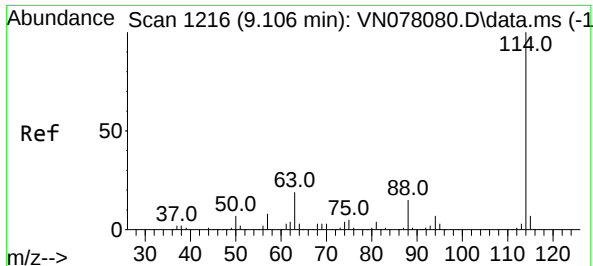
Tgt Ion:168 Resp: 426282
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.175 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 65 Resp: 307912
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

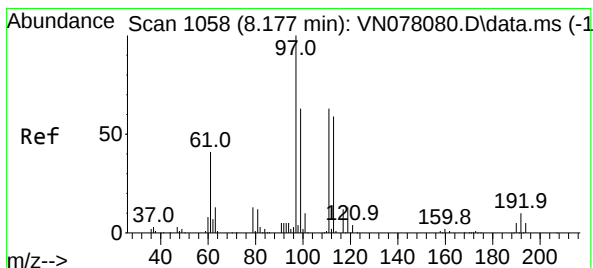
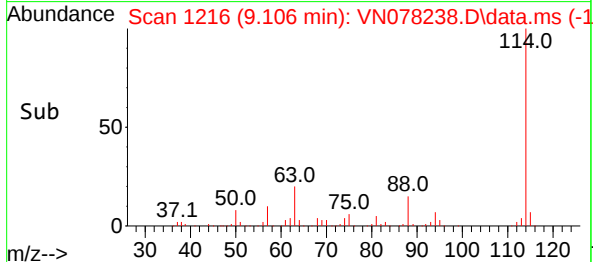
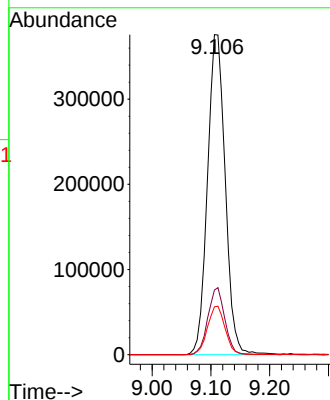
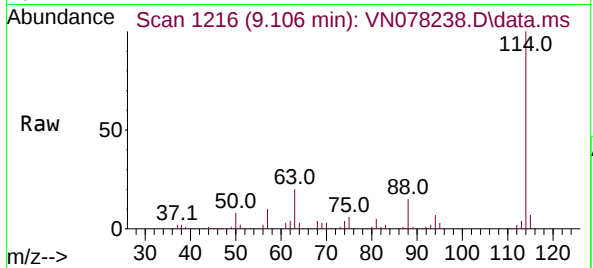




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

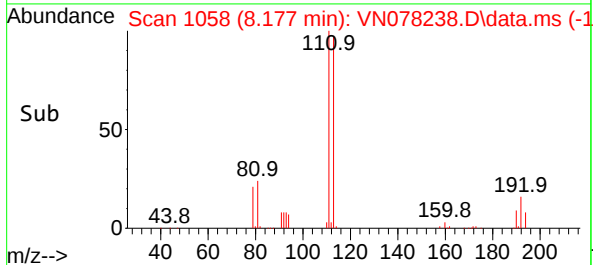
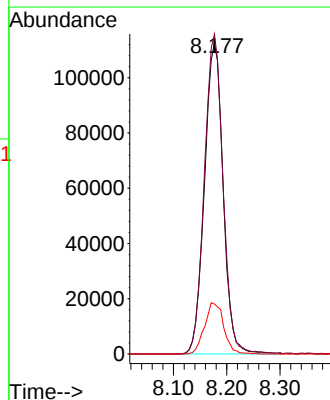
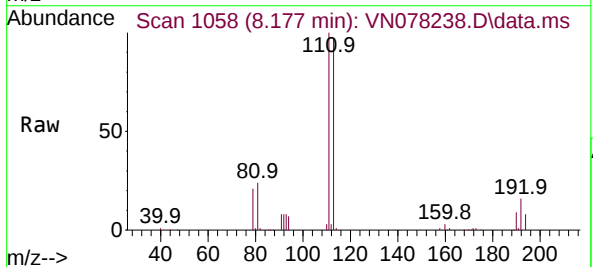
Instrument :
MSVOA_N
ClientSampleId :
TB

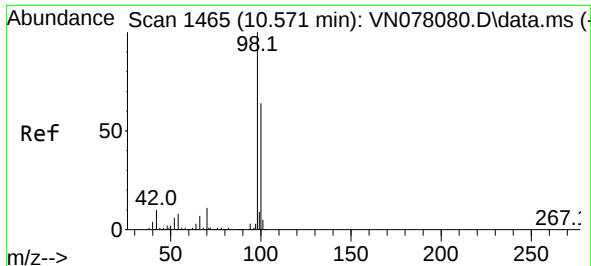
Tgt Ion:114 Resp: 790308
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.908 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion:113 Resp: 274377
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.9 12.7 19.1

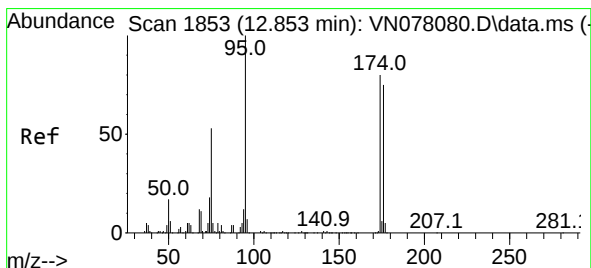
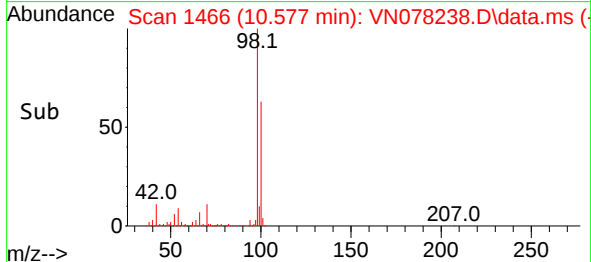
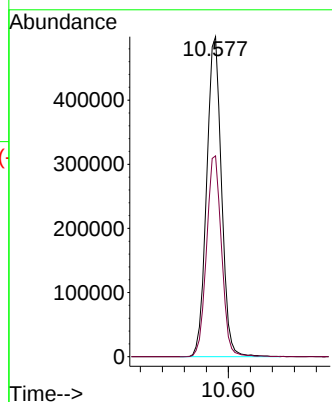
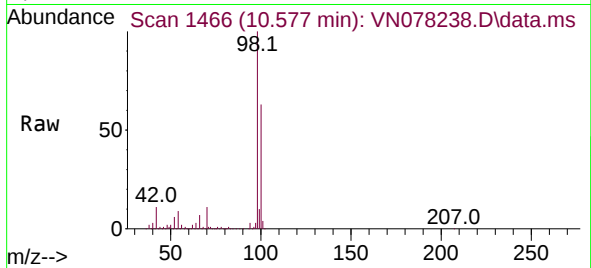




#50
Toluene-d8
Concen: 48.516 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

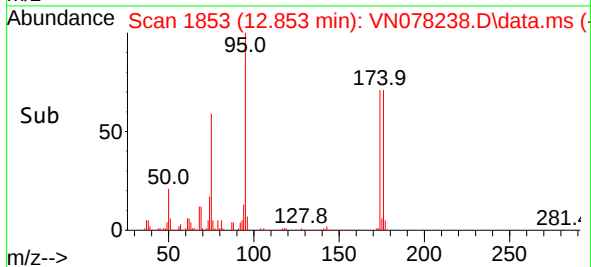
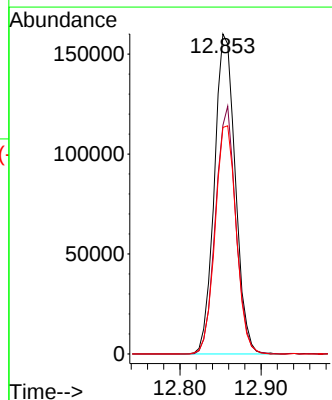
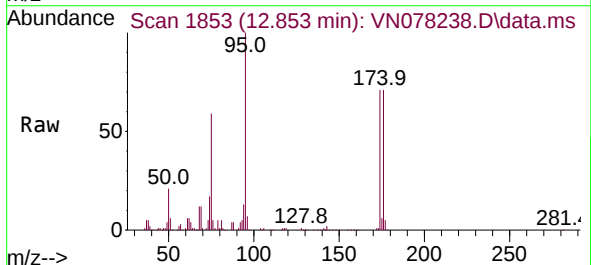
Instrument :
MSVOA_N
ClientSampleId :
TB

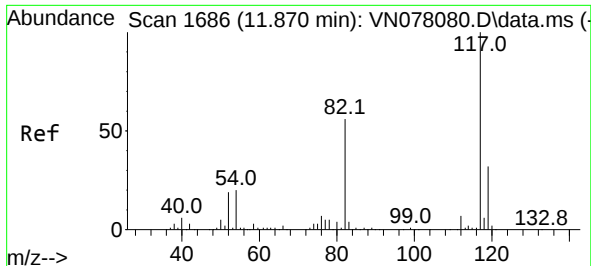
Tgt Ion: 98 Resp: 934620
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion: 95 Resp: 286556
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.2 0.0 135.8

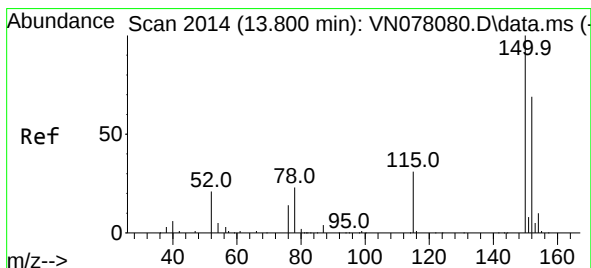
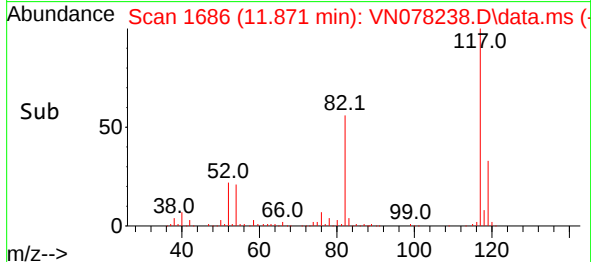
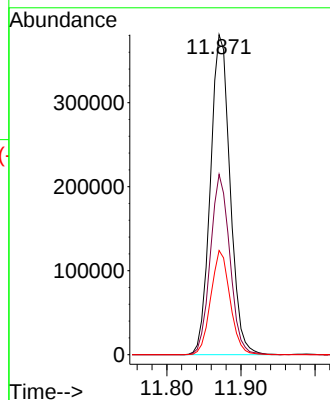
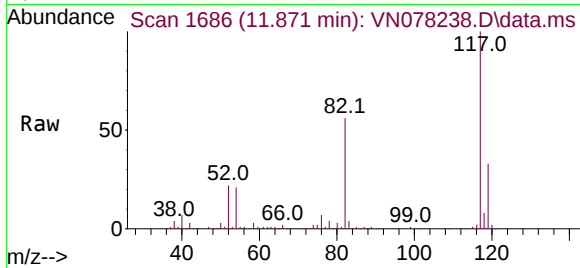




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 701948
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078238.D
Acq: 15 Jun 2023 19:10

Tgt Ion:152 Resp: 217014
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 158.0 0.0 355.8

