

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078404.D
 Acq On : 26 Jun 2023 16:01
 Operator : JC\MD
 Sample : 03390-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-062123

Quant Time: Jun 27 02:17:51 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	8.235	168	425432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	777418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	680282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	295202	52.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.080%	
35) Dibromofluoromethane	8.177	113	275995	56.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.300%	
50) Toluene-d8	10.570	98	900622	47.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.853	95	270322	45.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.780%	

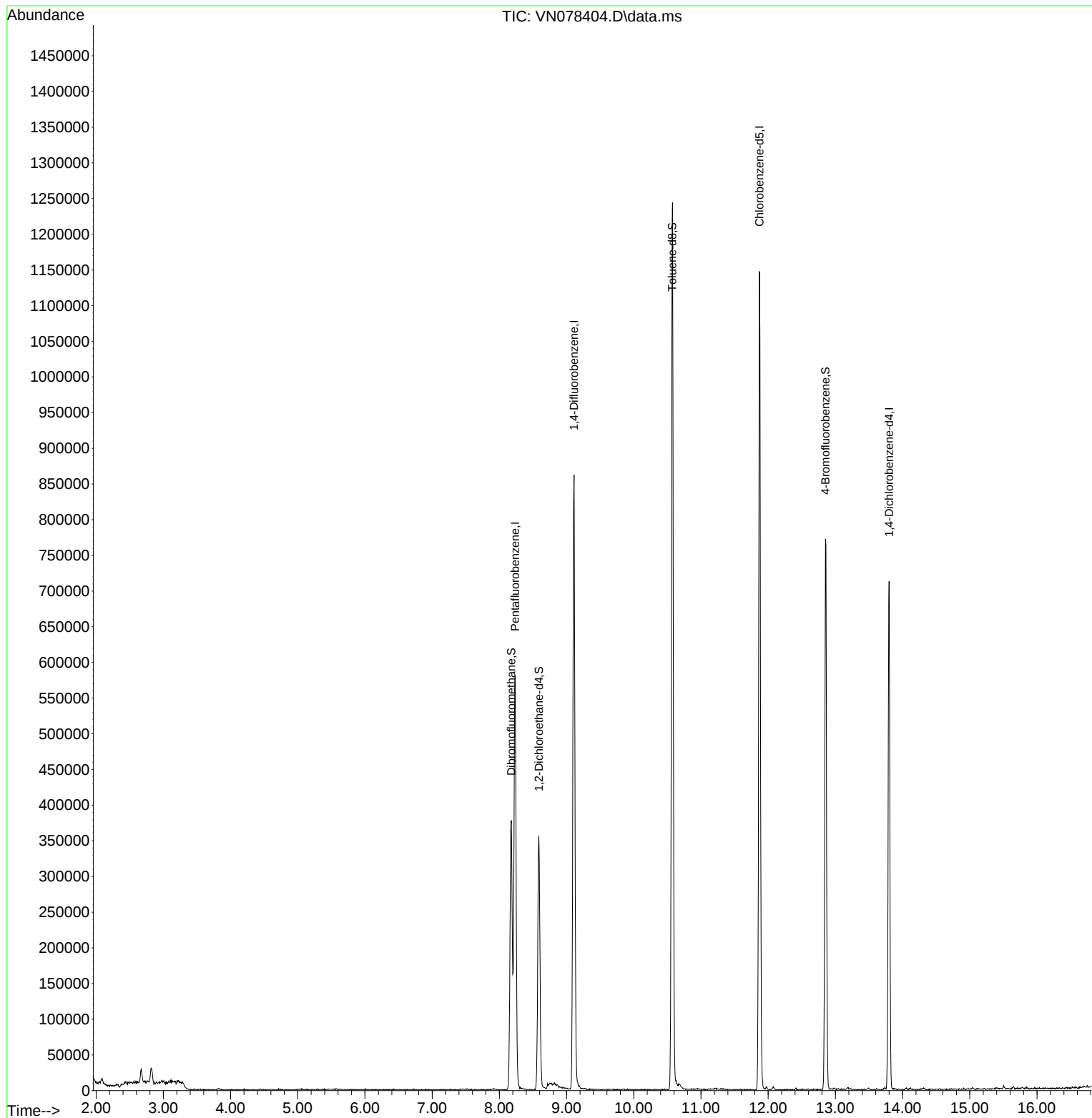
Target Compounds	Qvalue

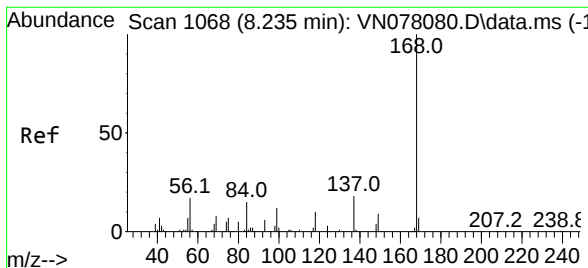
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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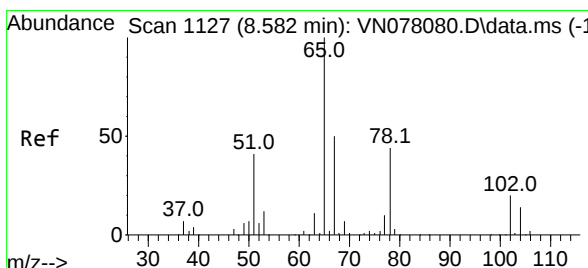
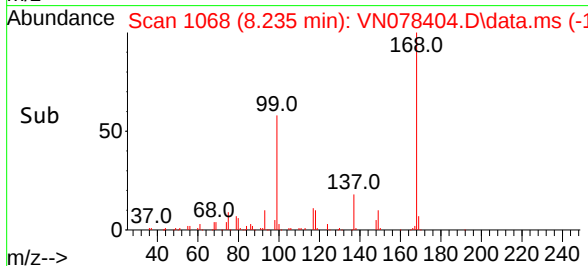
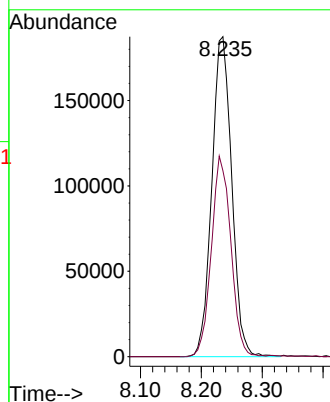
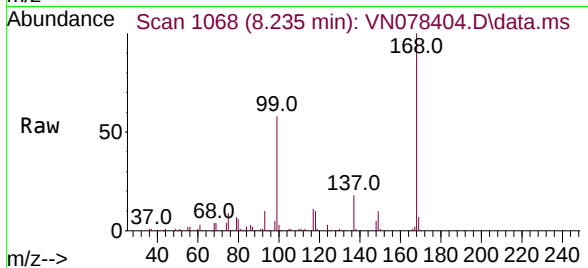




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

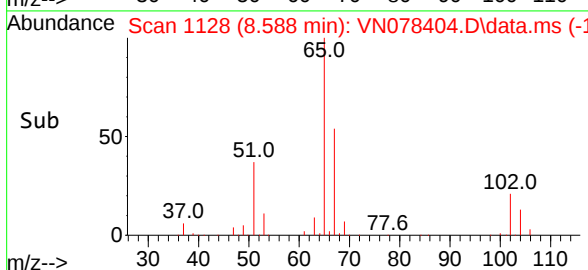
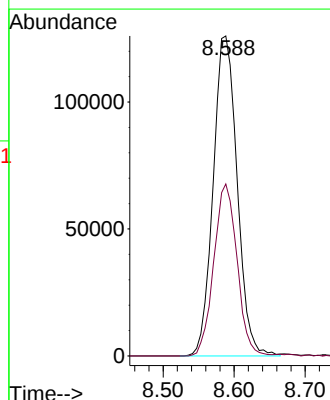
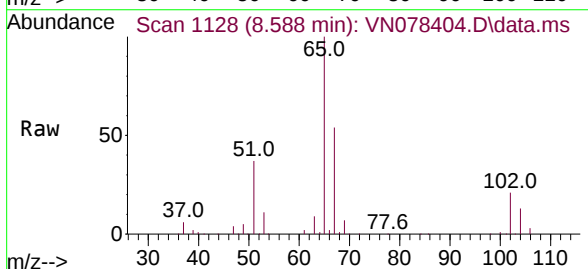
Instrument :
MSVOA_N
ClientSampleId :
TB-062123

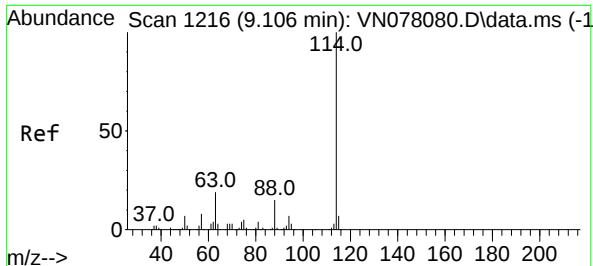
Tgt Ion:168 Resp: 425432
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.043 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

Tgt Ion: 65 Resp: 295202
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

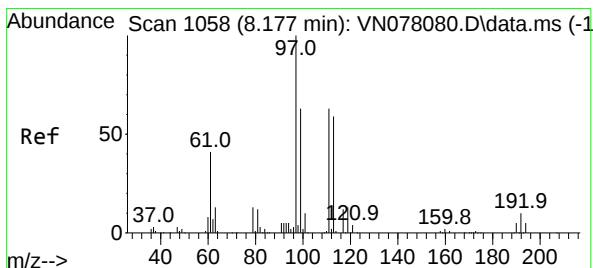
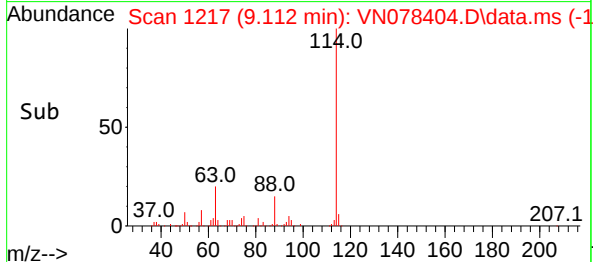
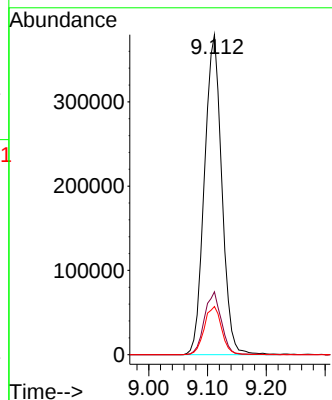
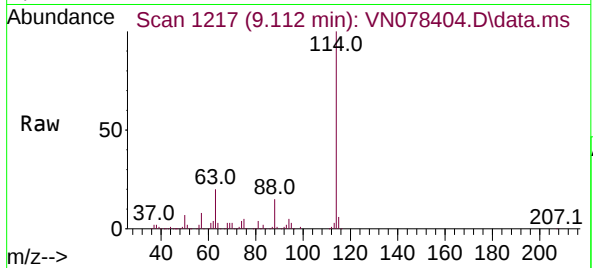




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

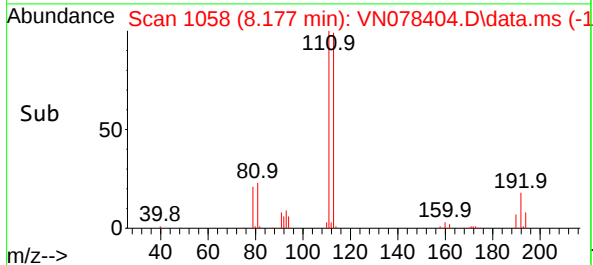
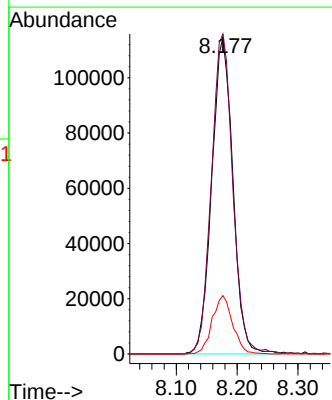
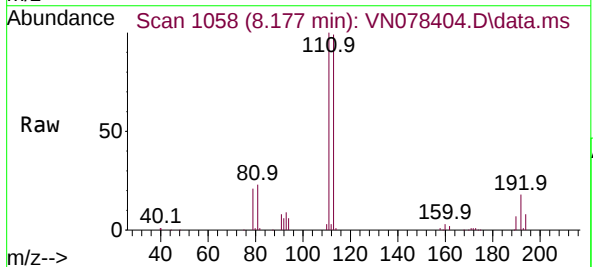
Instrument :
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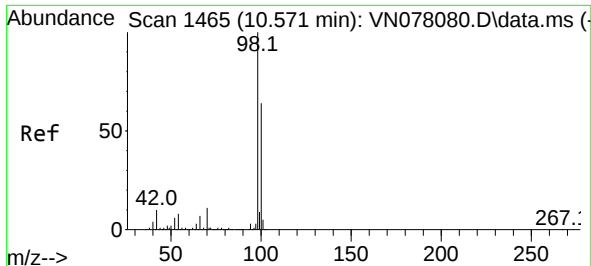
Tgt Ion:114 Resp: 777418
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.148 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

Tgt Ion:113 Resp: 275995
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 17.8 12.7 19.1

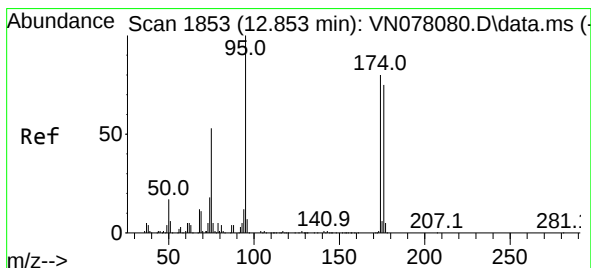
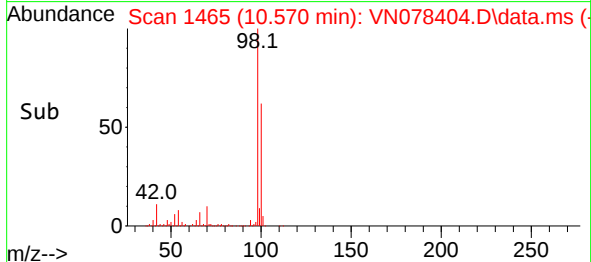
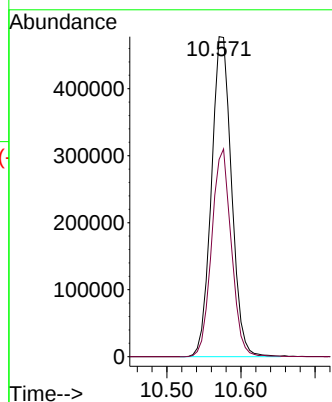
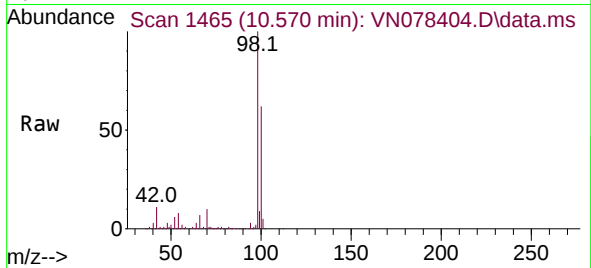




#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

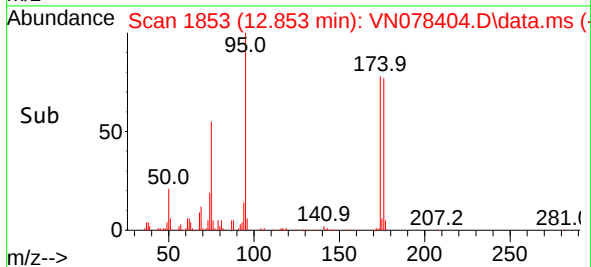
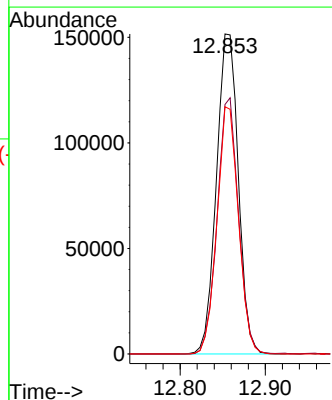
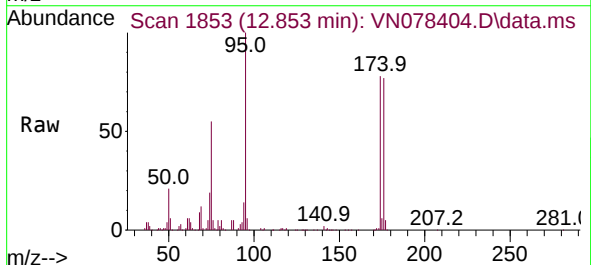
Instrument :
MSVOA_N
ClientSampleId :
TB-062123

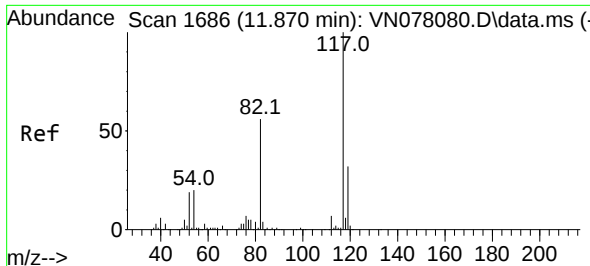
Tgt Ion: 98 Resp: 900622
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.887 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

Tgt Ion: 95 Resp: 270322
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 75.7 0.0 135.8

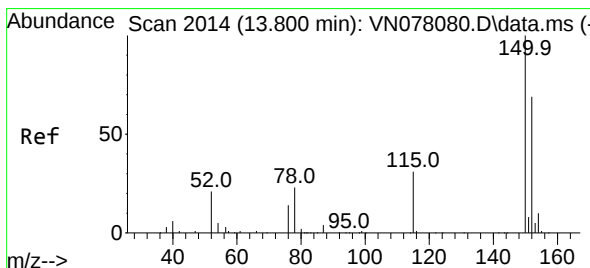
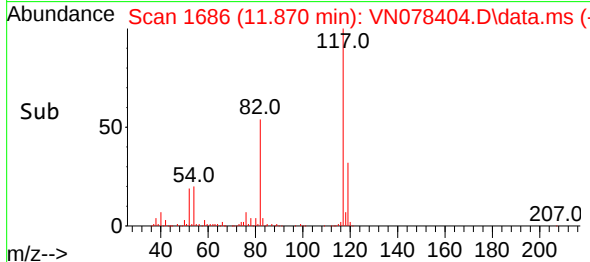
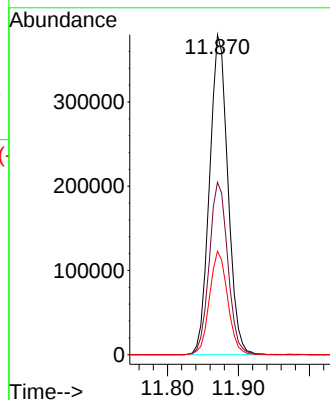
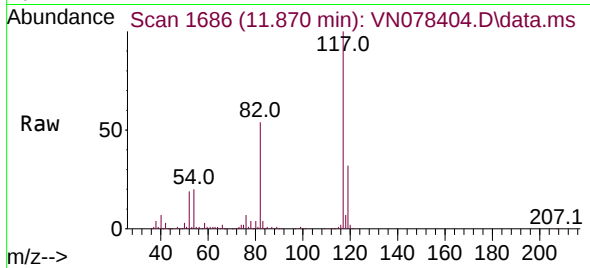




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078404.D
Acq: 26 Jun 2023 16:01

Instrument :
MSVOA_N
ClientSampleId :
TB-062123

Tgt Ion:117 Resp: 680282
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.3 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: VN078404.D
Acq: 26 Jun 2023 16:01

Tgt Ion:152 Resp: 195888
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.8 0.0 355.8

