

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078348.D
 Acq On : 22 Jun 2023 14:28
 Operator : JC\MD
 Sample : 03289-13
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-05-12.0-14.0

Quant Time: Jun 22 17:02:03 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	8.230	168	439252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	781752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	719203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293841	50.173	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.340%
35) Dibromofluoromethane	8.171	113	271838	54.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.000%
50) Toluene-d8	10.571	98	908228	47.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.853	95	311701	52.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.240%

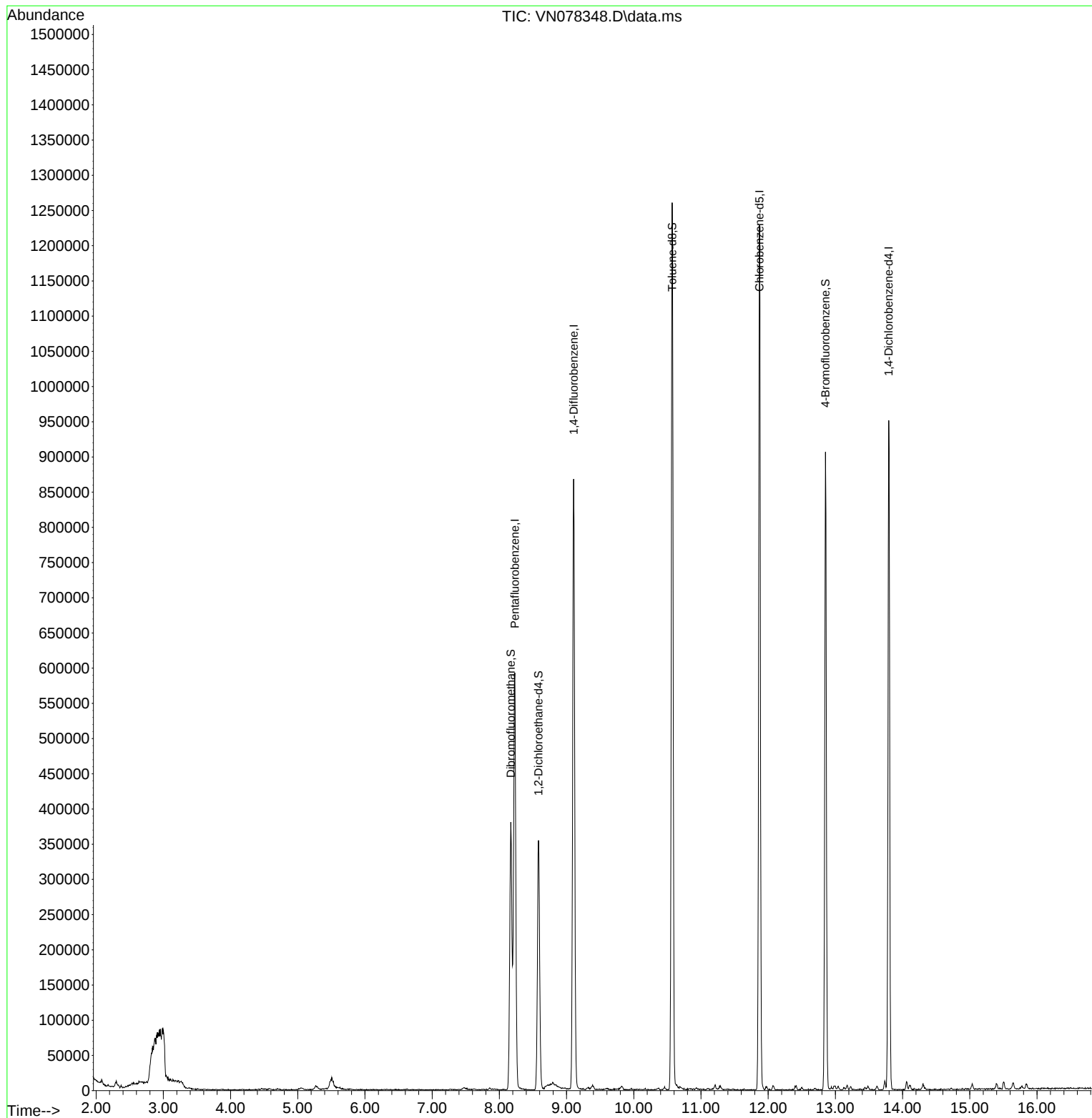
Target Compounds	Qvalue

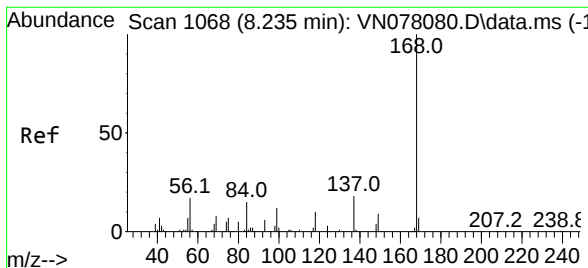
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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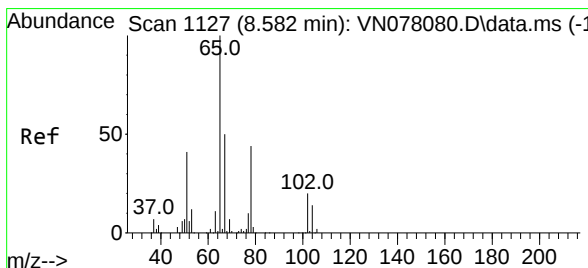
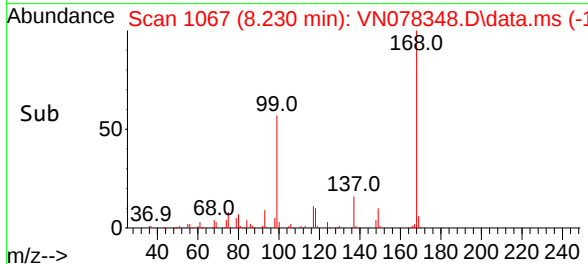
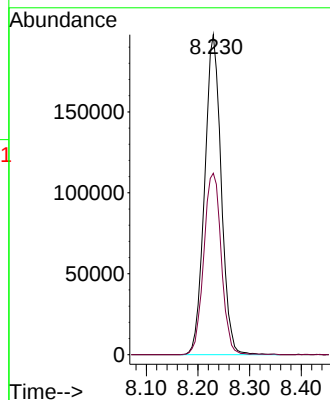
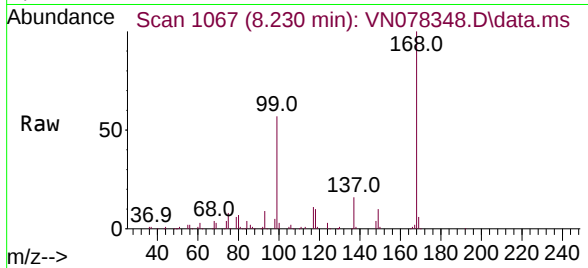




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.005 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

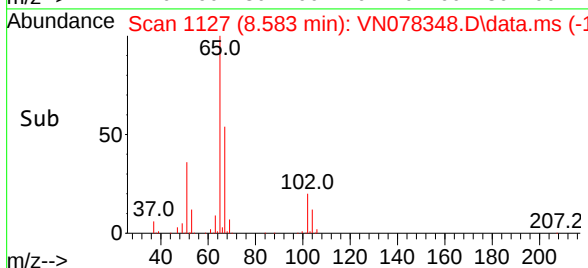
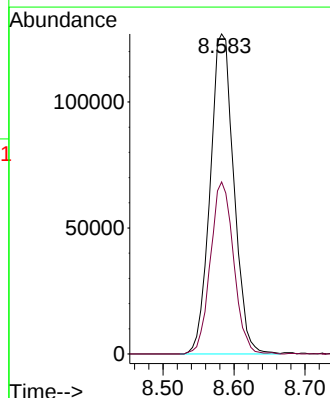
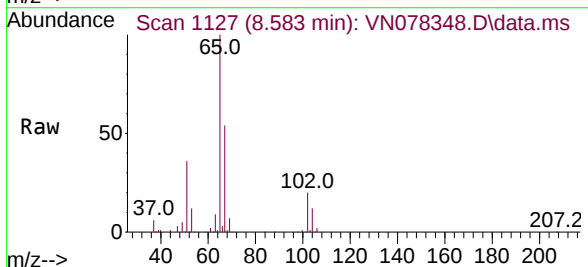
Instrument :
MSVOA_N
ClientSampleId :
SB-05-12.0-14.0

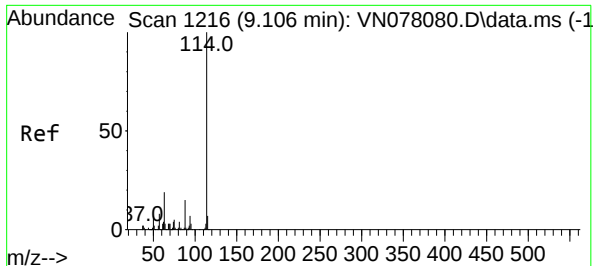
Tgt Ion:168 Resp: 439252
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.173 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

Tgt Ion: 65 Resp: 293841
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

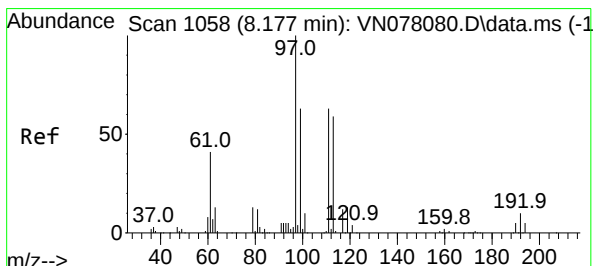
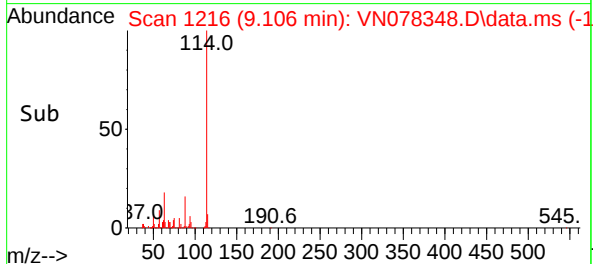
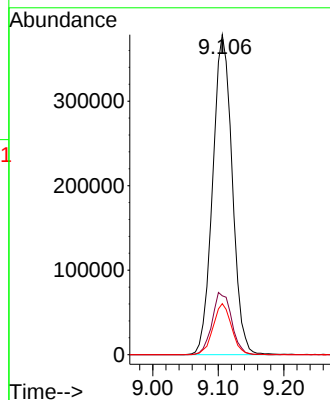
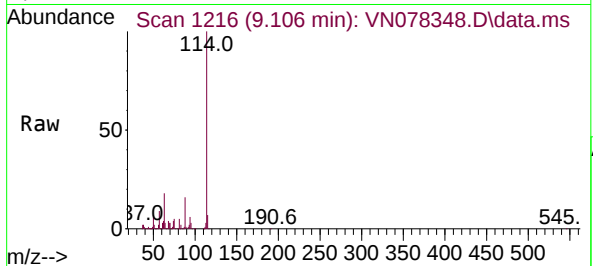




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

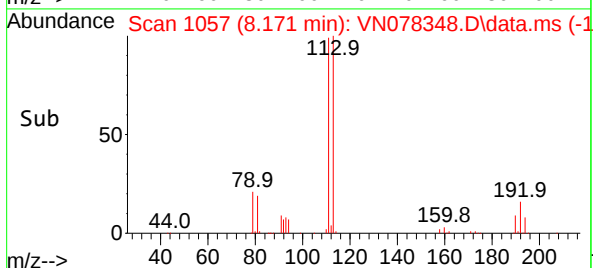
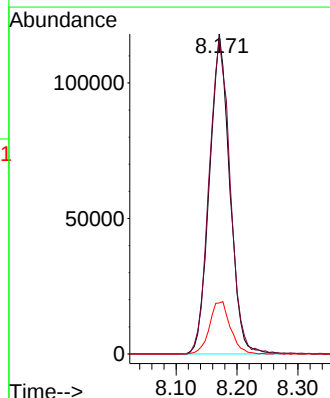
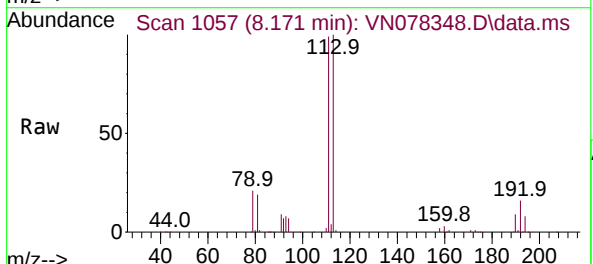
Instrument :
MSVOA_N
ClientSampleId :
SB-05-12.0-14.0

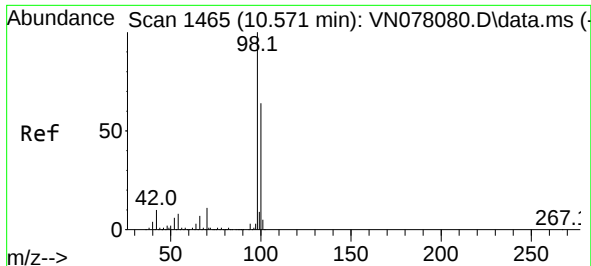
Tgt Ion:114 Resp: 781752
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.995 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

Tgt Ion:113 Resp: 271838
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.8 12.7 19.1

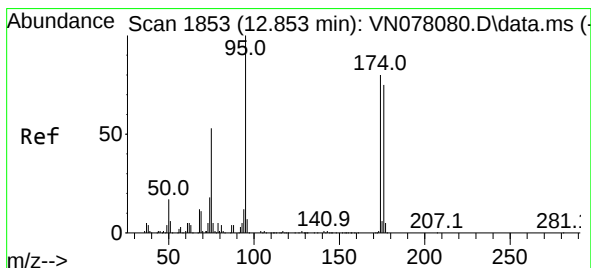
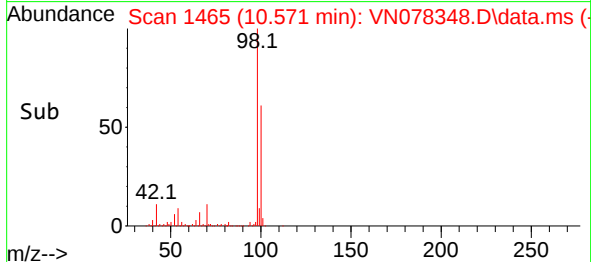
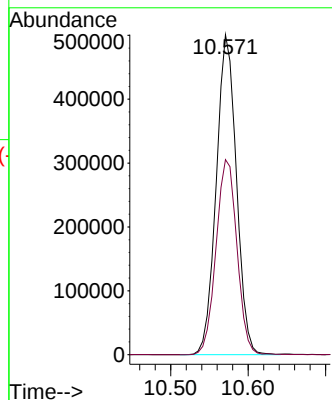
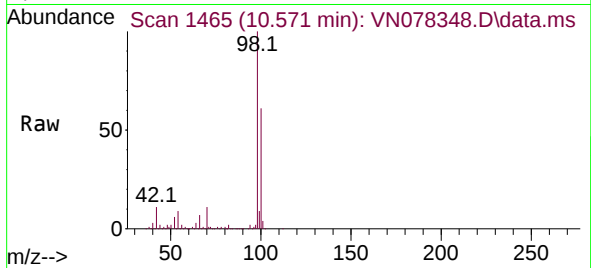




#50
Toluene-d8
Concen: 47.662 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

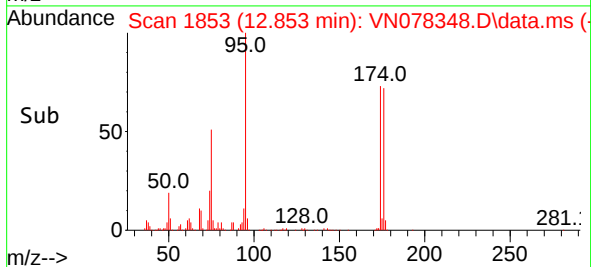
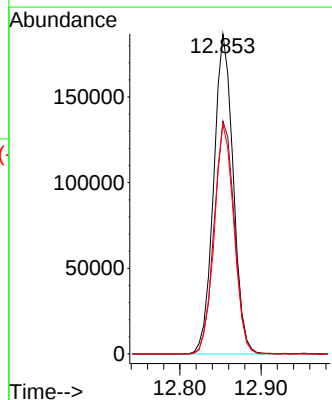
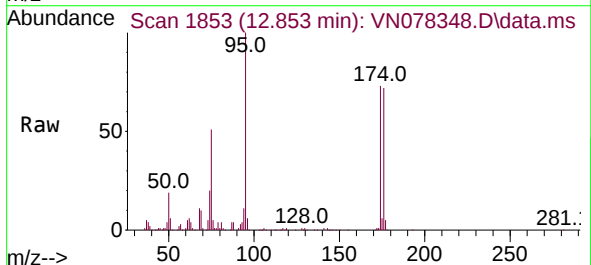
Instrument :
MSVOA_N
ClientSampleId :
SB-05-12.0-14.0

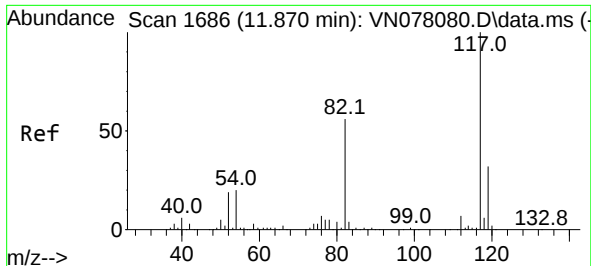
Tgt Ion: 98 Resp: 908228
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.618 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

Tgt Ion: 95 Resp: 311701
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.4 0.0 135.8

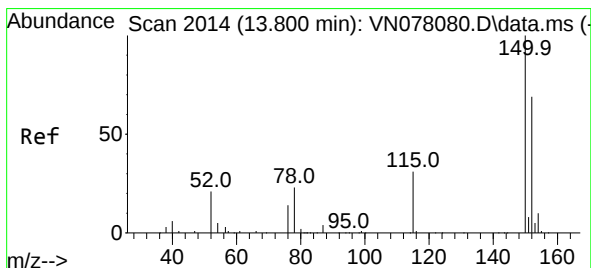
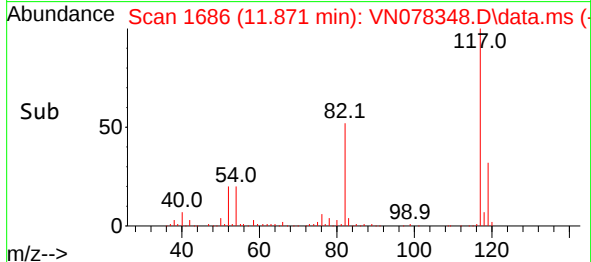
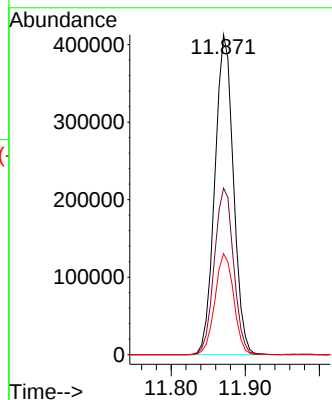
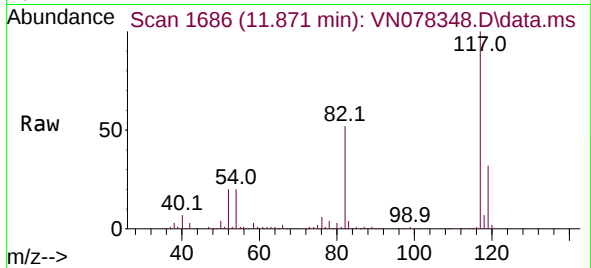




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

Instrument :
MSVOA_N
ClientSampleId :
SB-05-12.0-14.0

Tgt Ion:117 Resp: 719203
Ion Ratio Lower Upper
117 100
82 52.1 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078348.D
Acq: 22 Jun 2023 14:28

Tgt Ion:152 Resp: 257647
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 158.7 0.0 355.8

