

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076126.D
 Acq On : 06 Jan 2023 12:12
 Operator : JC\MD
 Sample : 01049-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-010523

Quant Time: Jan 06 22:54:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	296773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	465701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	394531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155550	48.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	8.177	113	141741	49.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.571	98	534736	49.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	156839	43.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.820%

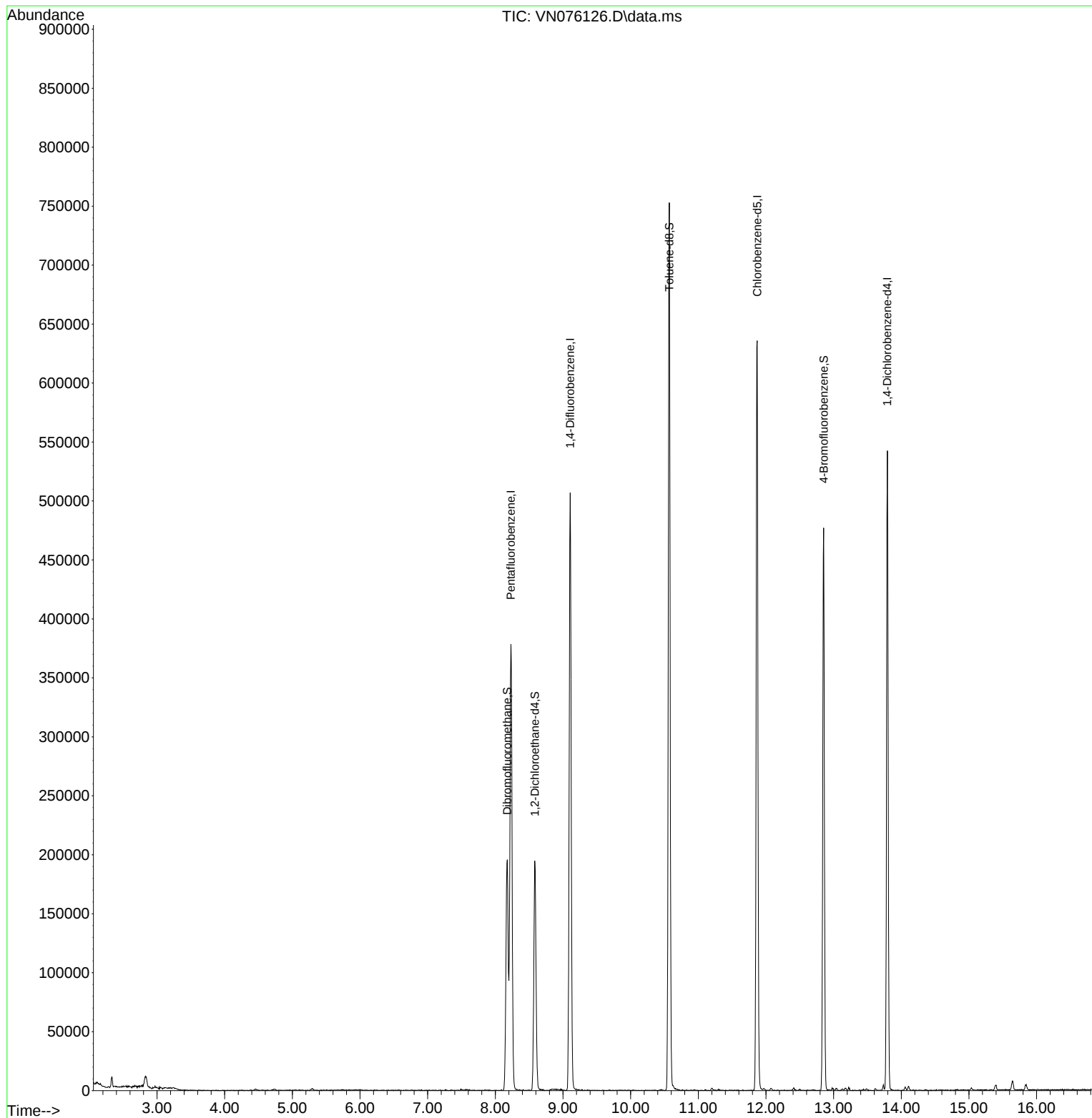
Target Compounds	Qvalue

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

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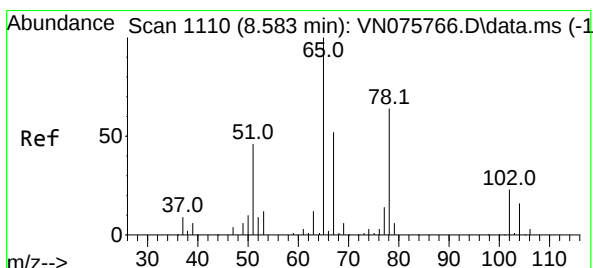
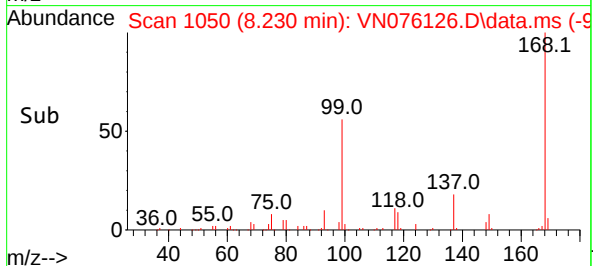
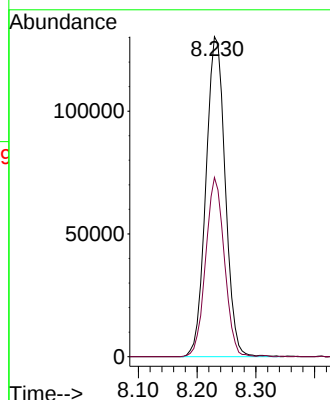
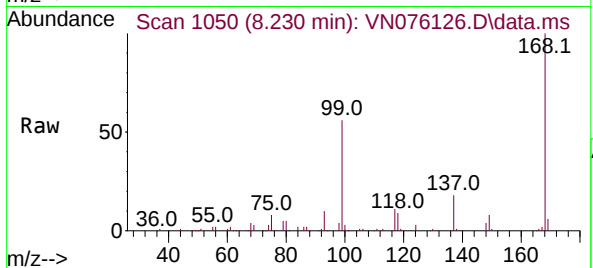




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

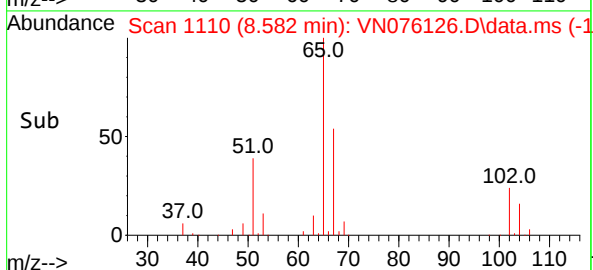
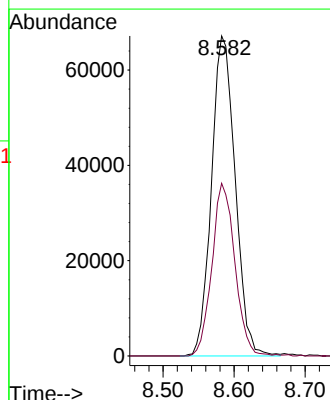
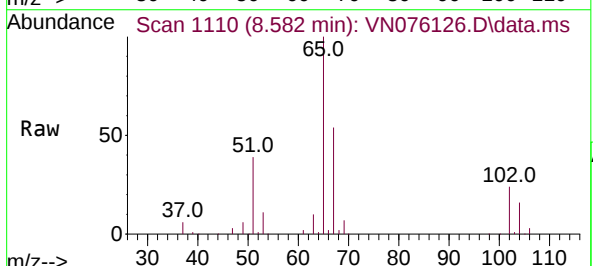
Instrument :
MSVOA_N
ClientSampleId :
TB-01-010523

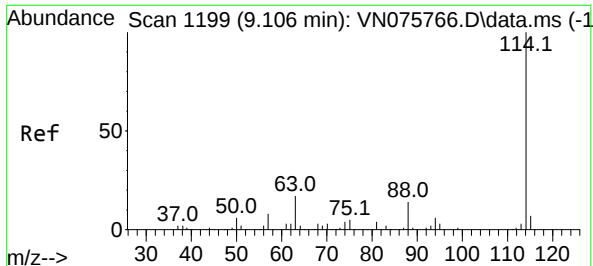
Tgt Ion:168 Resp: 296773
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.179 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

Tgt Ion: 65 Resp: 155550
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076126.D

Acq: 06 Jan 2023 12:12

Instrument :

MSVOA_N

ClientSampleId :

TB-01-010523

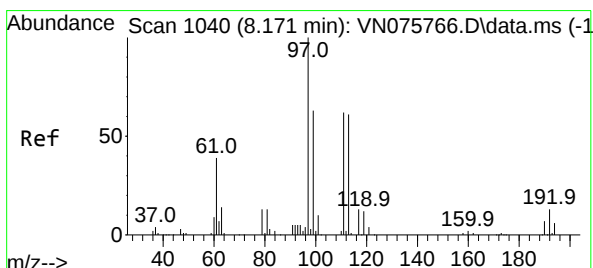
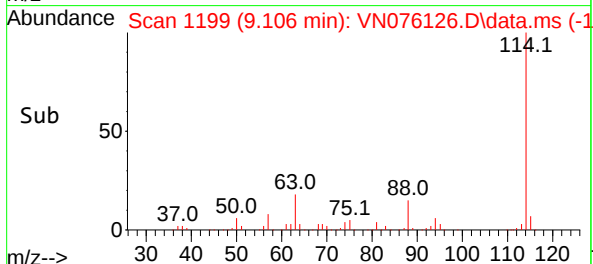
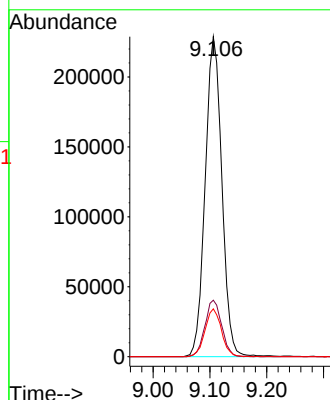
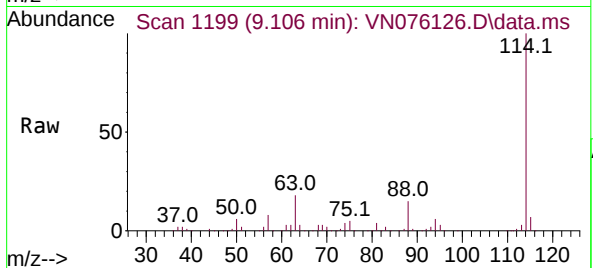
Tgt Ion:114 Resp: 465701

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.147 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076126.D

Acq: 06 Jan 2023 12:12

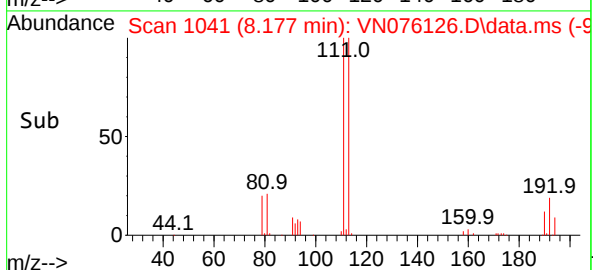
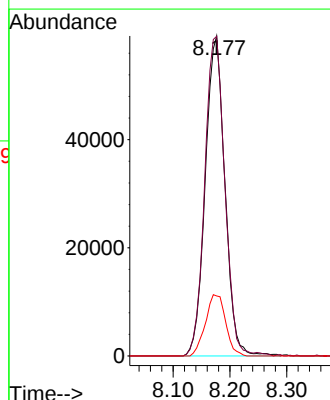
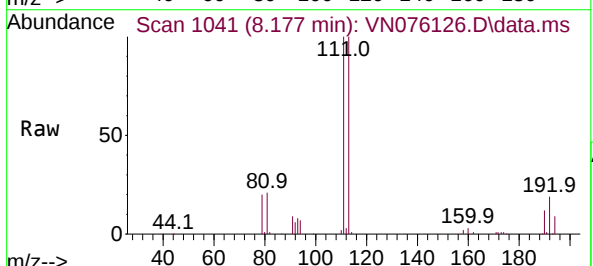
Tgt Ion:113 Resp: 141741

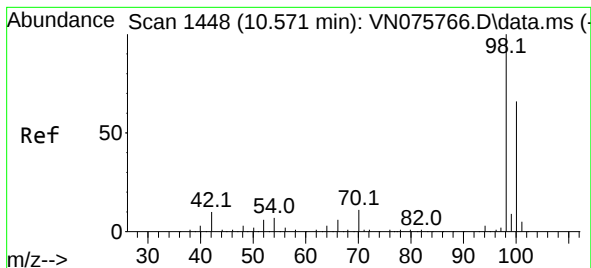
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.7 16.1 24.1

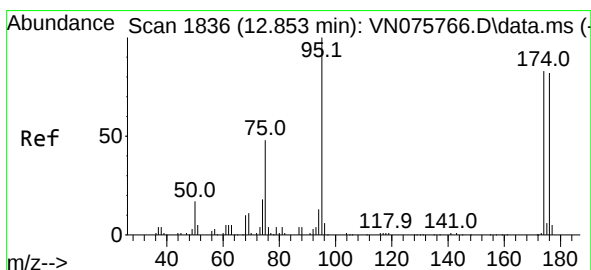
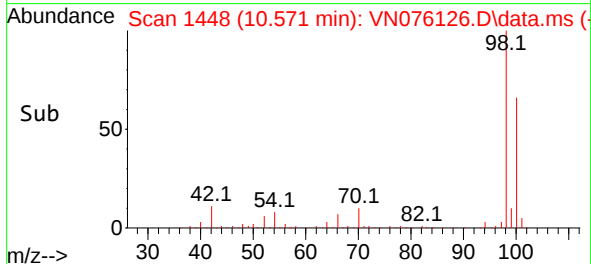
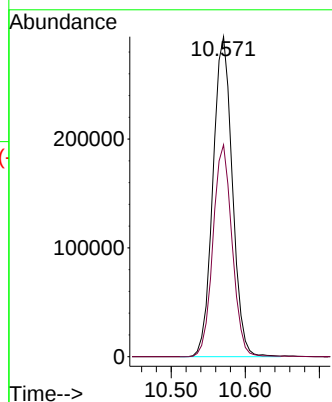
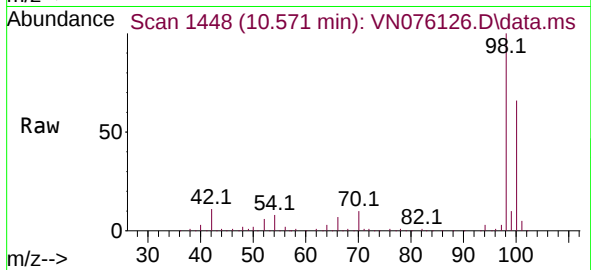




#50
Toluene-d8
Concen: 49.591 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

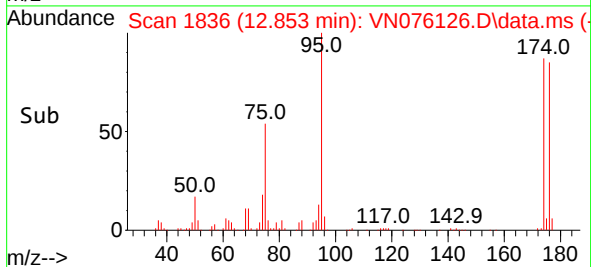
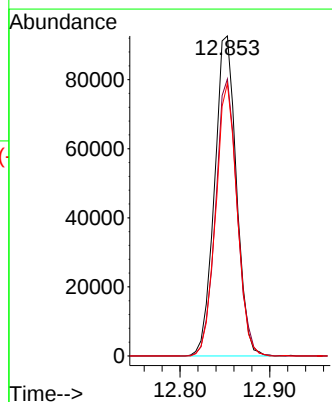
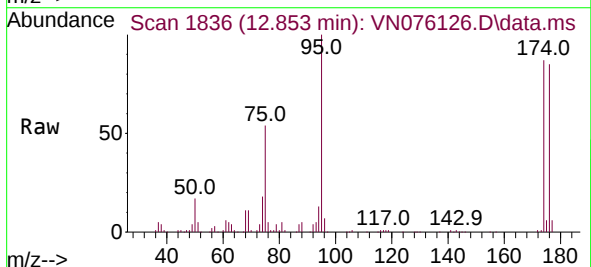
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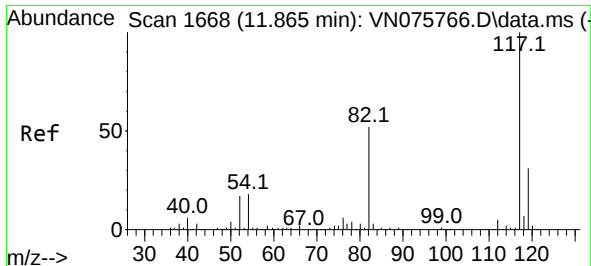
Tgt Ion: 98 Resp: 534736
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.915 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

Tgt Ion: 95 Resp: 156839
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.6
176 82.8 0.0 169.2

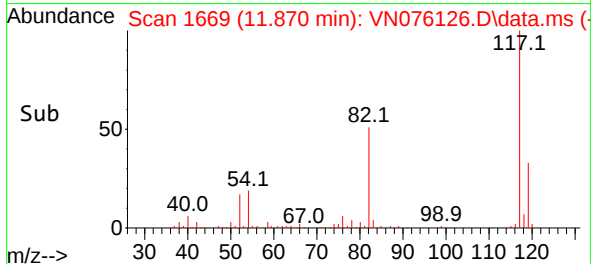
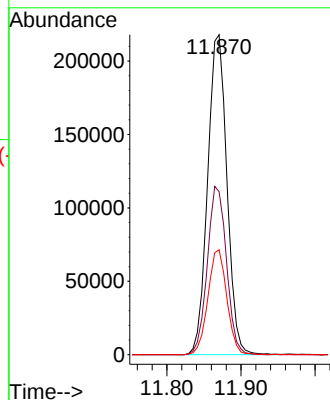
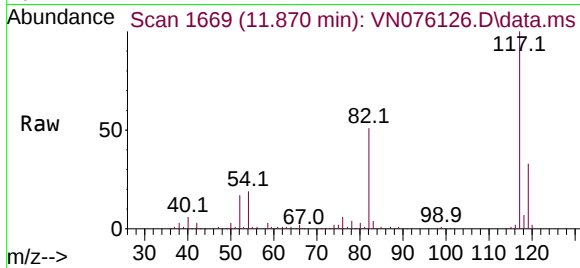




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

Instrument :
MSVOA_N
ClientSampleId :
TB-01-010523

Tgt Ion:117 Resp: 394531
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 32.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076126.D
Acq: 06 Jan 2023 12:12

Tgt Ion:152 Resp: 153182
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 156.6 0.0 347.0

