

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077689.D
 Acq On : 16 May 2023 13:52
 Operator : JC\MD
 Sample : 02804-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-051523

Quant Time: May 17 04:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	374409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	591486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	267087	47.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	210556	47.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	10.570	98	836747	48.724	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.853	95	280010	46.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%

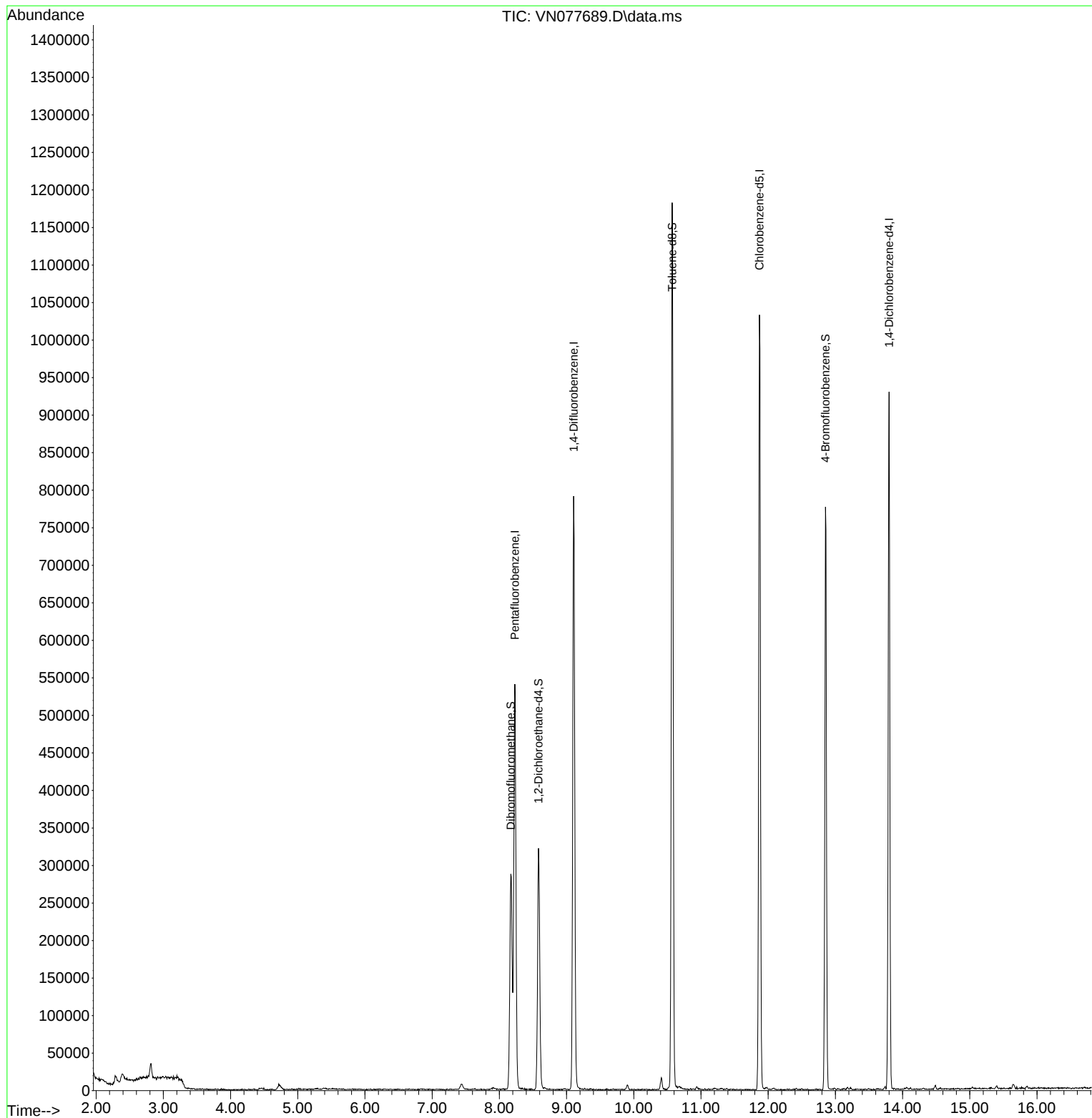
Target Compounds	Qvalue

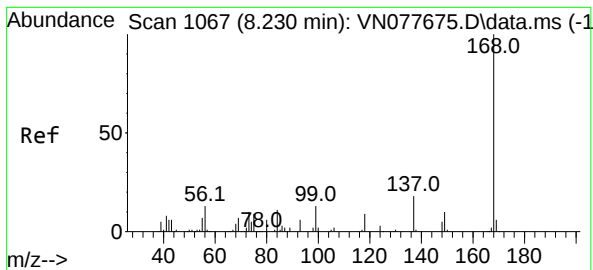
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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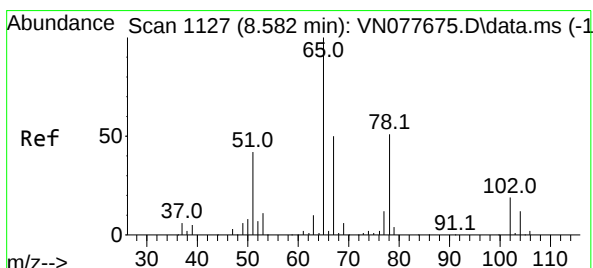
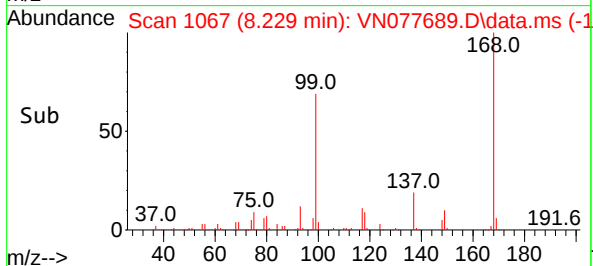
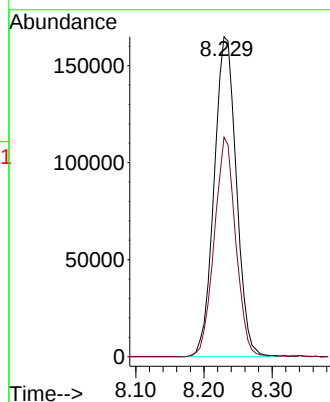
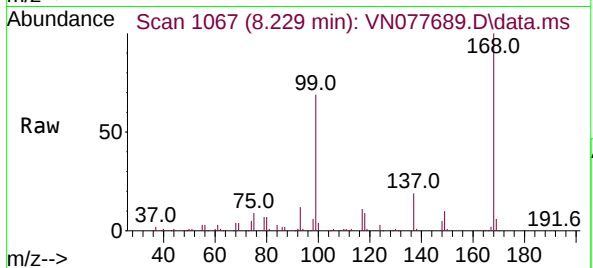




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077689.D
Acq: 16 May 2023 13:52

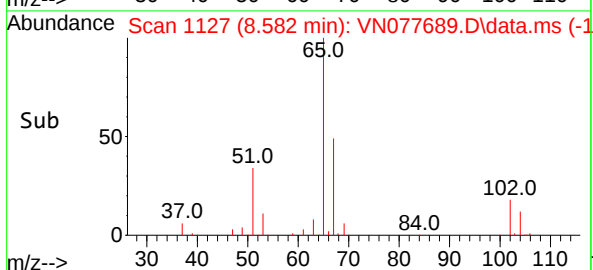
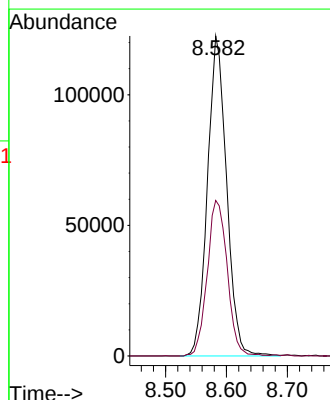
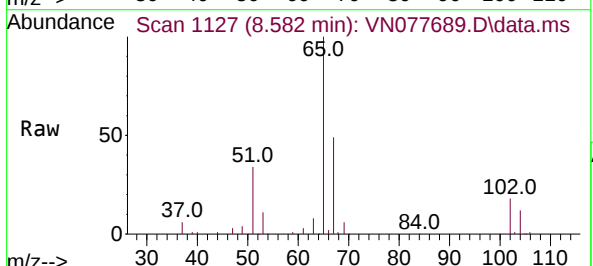
Instrument :
MSVOA_N
ClientSampleId :
TB-01-051523

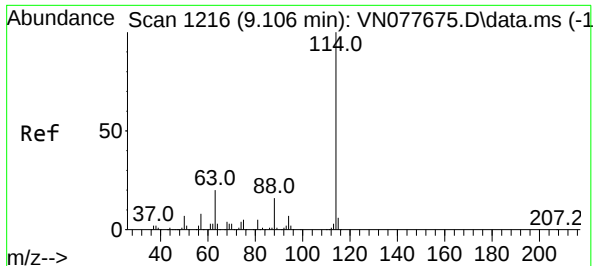
Tgt Ion:168 Resp: 374409
Ion Ratio Lower Upper
168 100
99 68.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.676 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077689.D
Acq: 16 May 2023 13:52

Tgt Ion: 65 Resp: 267087
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077689.D

Acq: 16 May 2023 13:52

Instrument :

MSVOA_N

ClientSampleId :

TB-01-051523

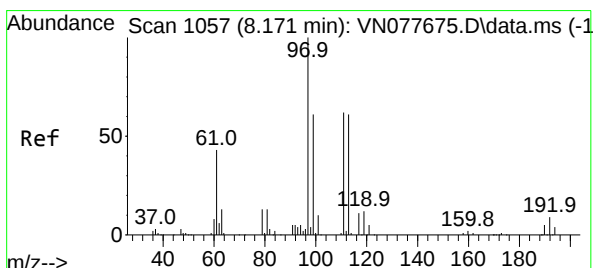
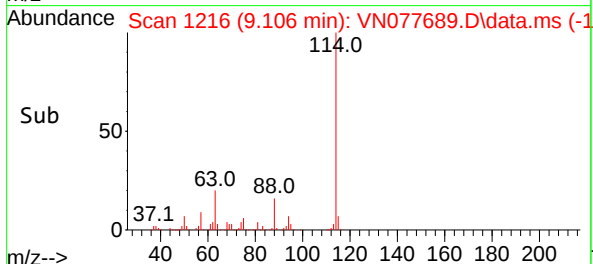
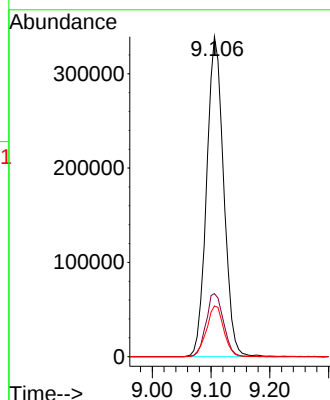
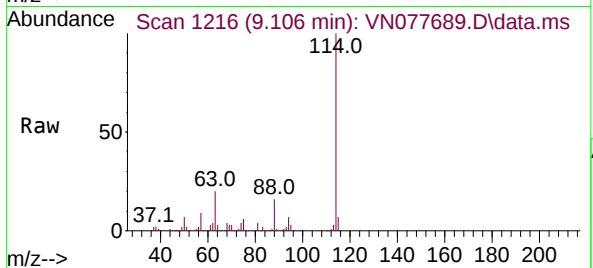
Tgt Ion:114 Resp: 684204

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.193 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077689.D

Acq: 16 May 2023 13:52

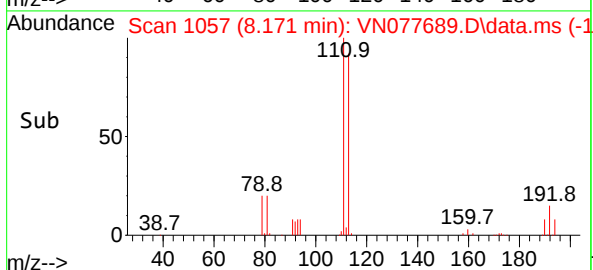
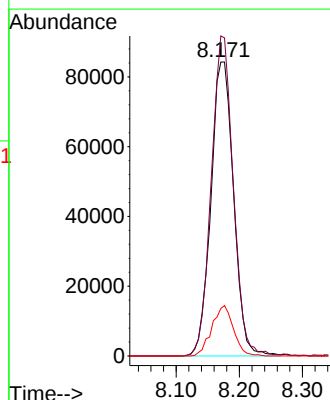
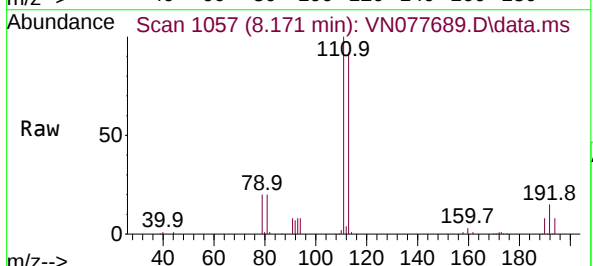
Tgt Ion:113 Resp: 210556

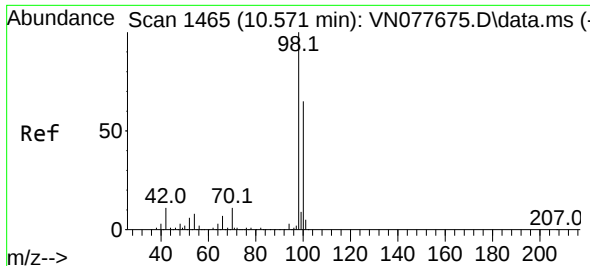
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 16.3 12.7 19.1

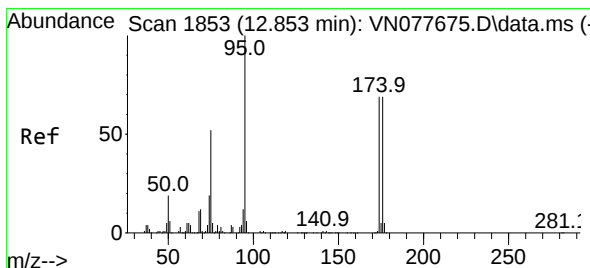
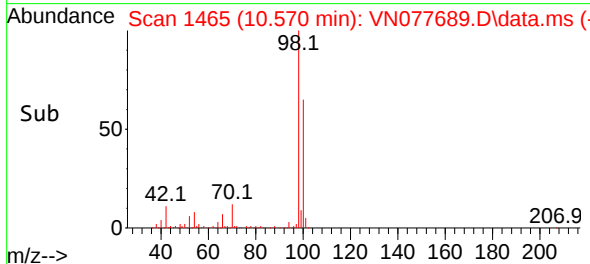
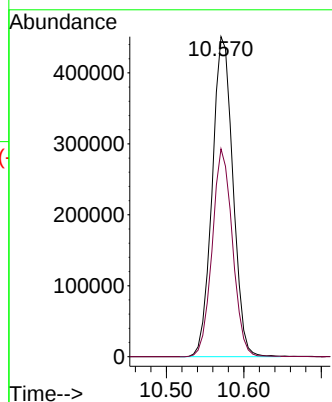
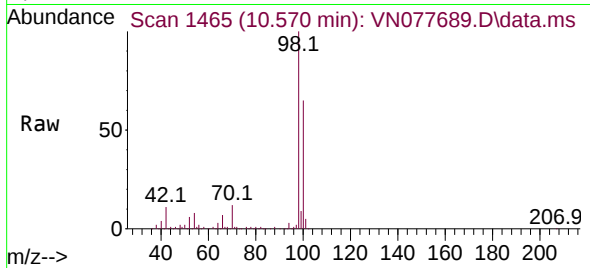




#50
Toluene-d8
Concen: 48.724 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077689.D
Acq: 16 May 2023 13:52

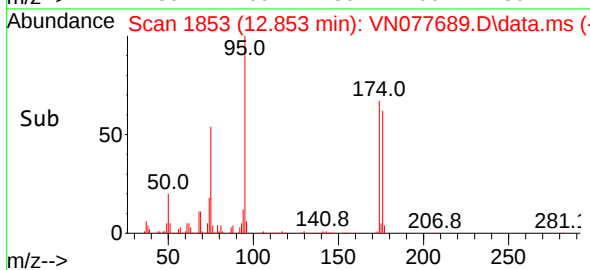
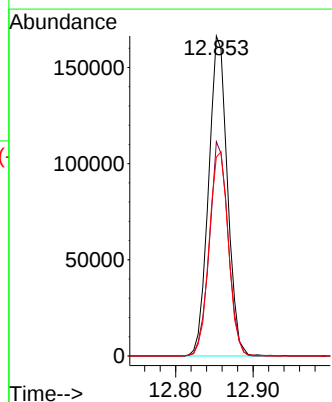
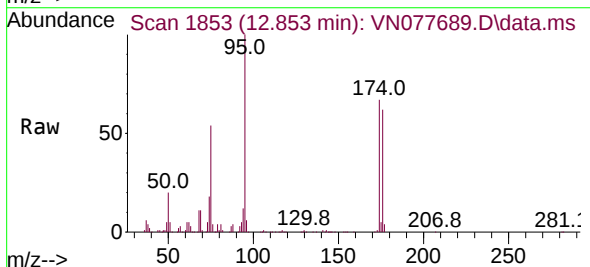
Instrument :
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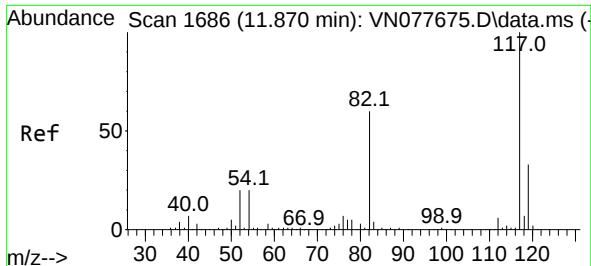
Tgt Ion: 98 Resp: 836747
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.167 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077689.D
Acq: 16 May 2023 13:52

Tgt Ion: 95 Resp: 280010
Ion Ratio Lower Upper
95 100
174 66.5 0.0 143.8
176 65.2 0.0 135.8

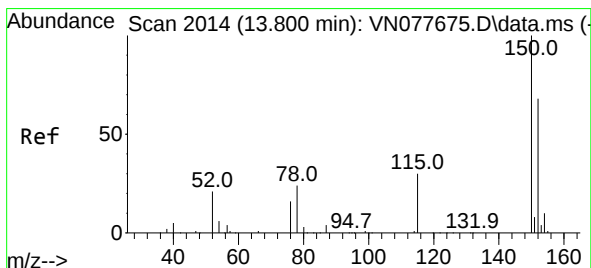
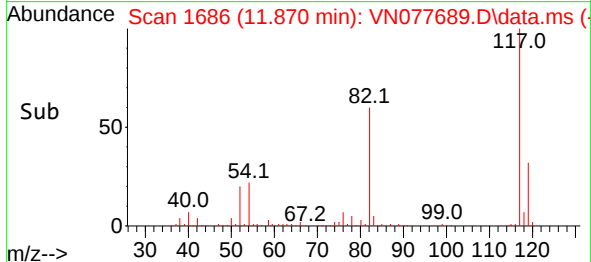
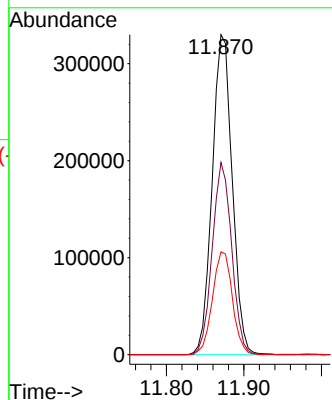
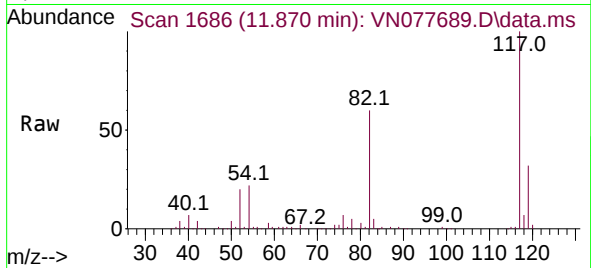




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077689.D
Acq: 16 May 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :
TB-01-051523

Tgt Ion:117 Resp: 591486
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.1 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: VN077689.D
Acq: 16 May 2023 13:52

Tgt Ion:152 Resp: 236736
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 156.4 0.0 355.8

