

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077692.D
 Acq On : 16 May 2023 15:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 04:01:29 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	357381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	583796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257939	48.237	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.171	113	207132	47.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.570	98	819181	49.263	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	265808	45.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%

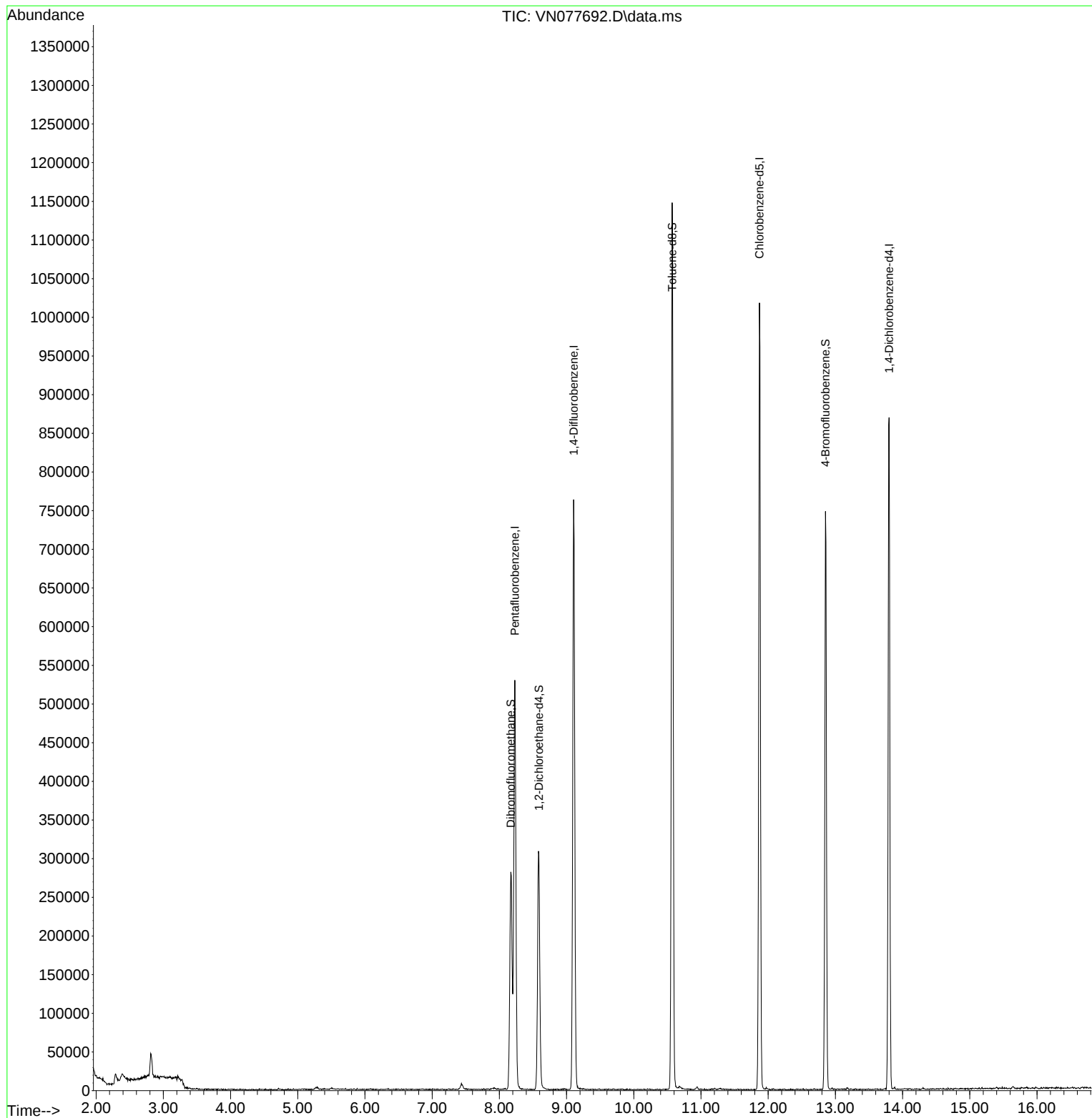
Target Compounds	Qvalue

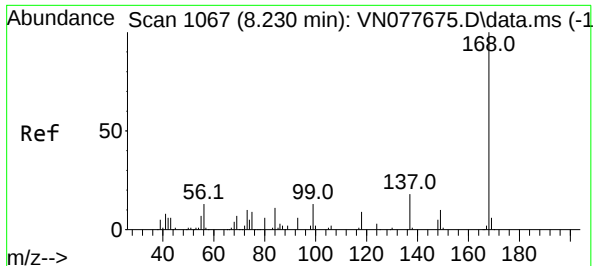
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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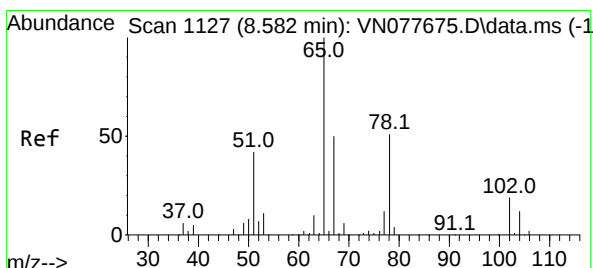
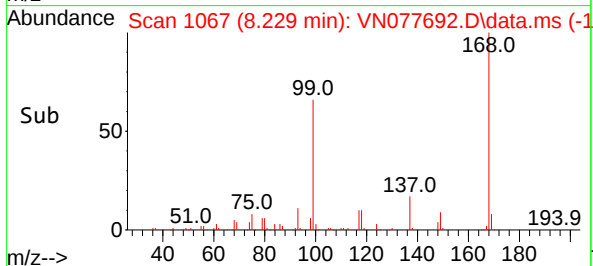
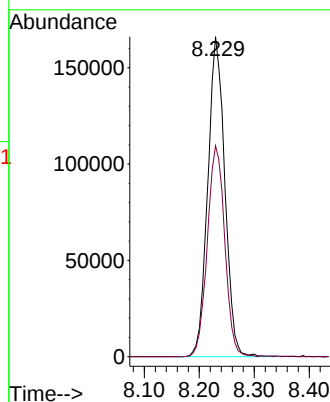
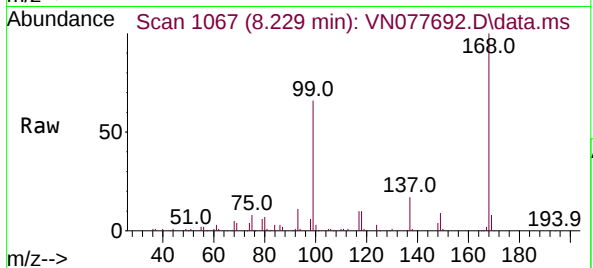




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

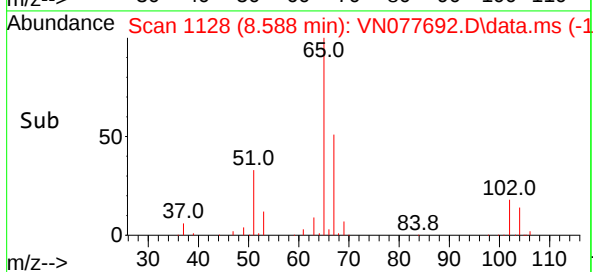
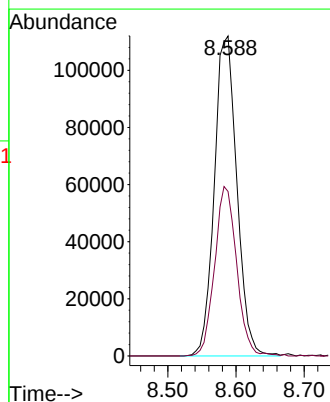
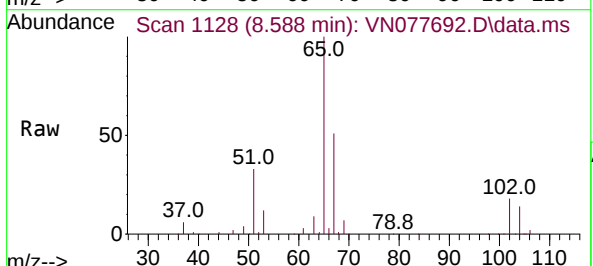
Instrument :
MSVOA_N
ClientSampleId :
IBLK

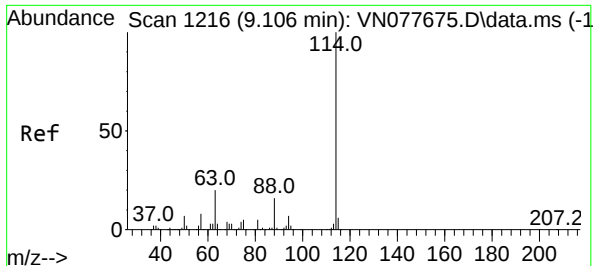
Tgt Ion:168 Resp: 357381
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.237 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 65 Resp: 257939
Ion Ratio Lower Upper
65 100
67 51.8 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: VN077692.D

Acq: 16 May 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

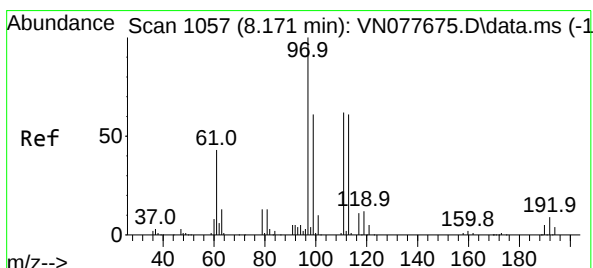
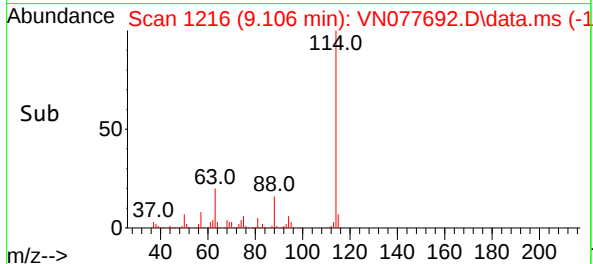
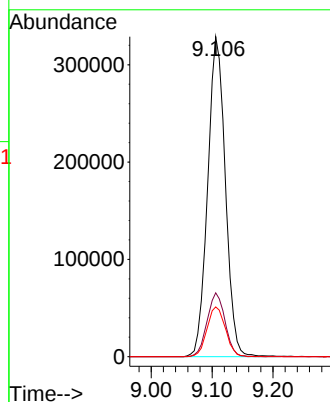
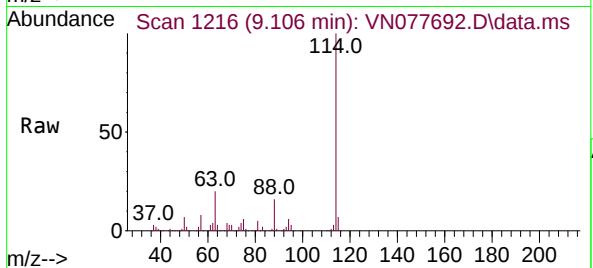
Tgt Ion:114 Resp: 662509

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.946 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077692.D

Acq: 16 May 2023 15:03

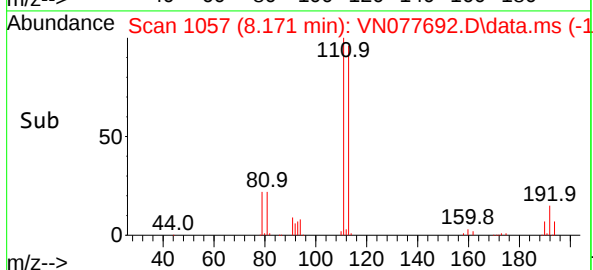
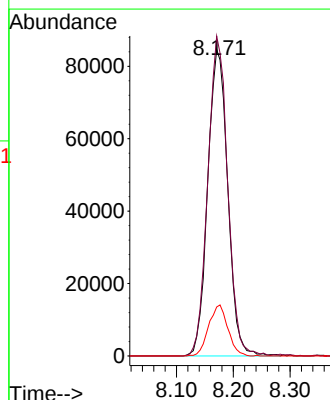
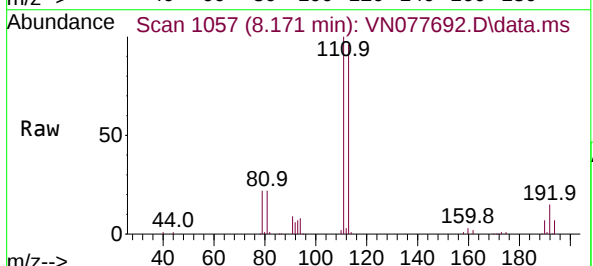
Tgt Ion:113 Resp: 207132

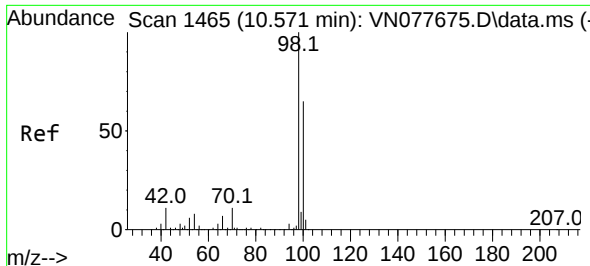
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.0 12.7 19.1

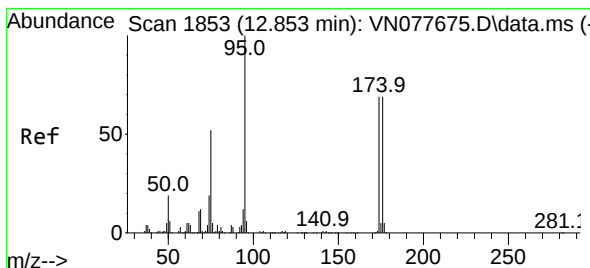
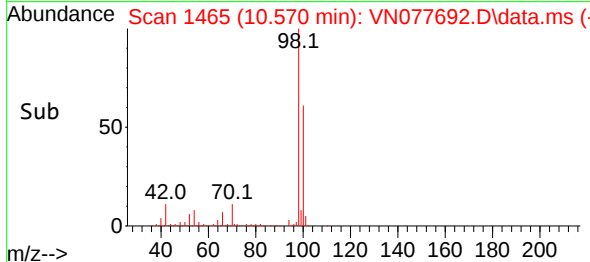
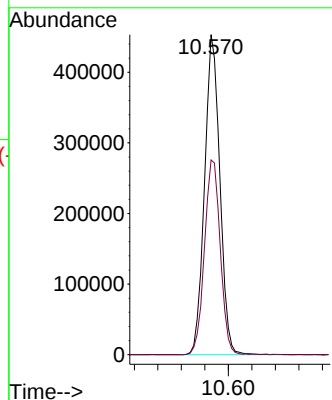
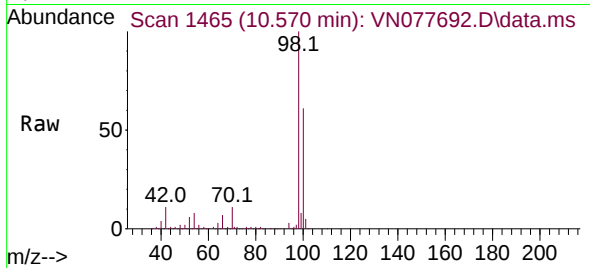




#50
Toluene-d8
Concen: 49.263 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

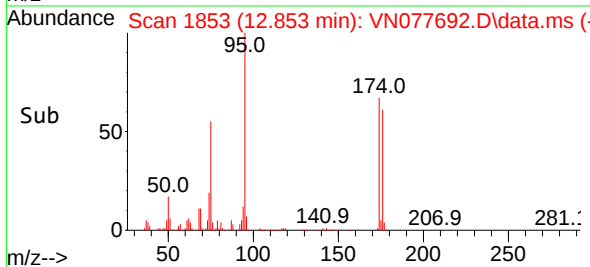
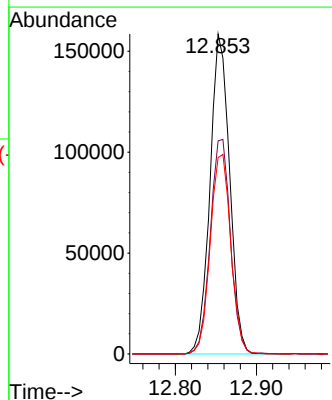
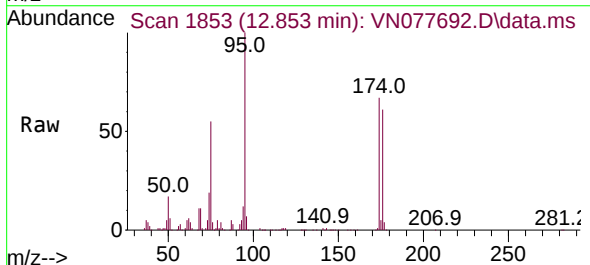
Instrument :
MSVOA_N
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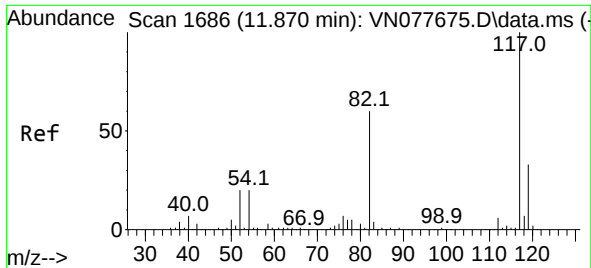
Tgt Ion: 98 Resp: 819181
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.260 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion: 95 Resp: 265808
Ion Ratio Lower Upper
95 100
174 69.0 0.0 143.8
176 65.4 0.0 135.8

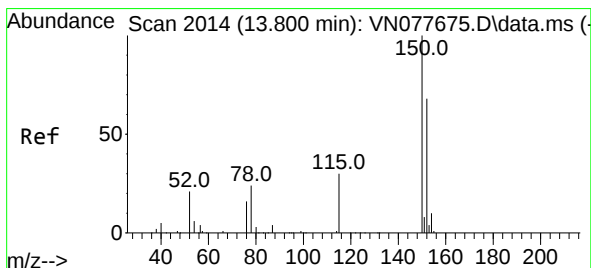
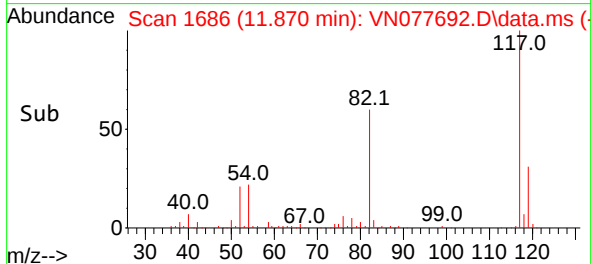
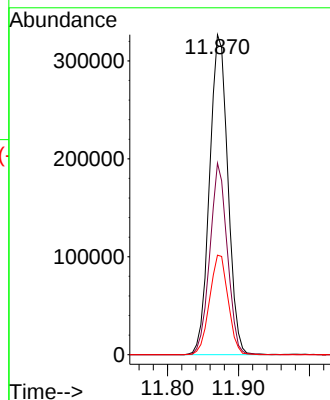
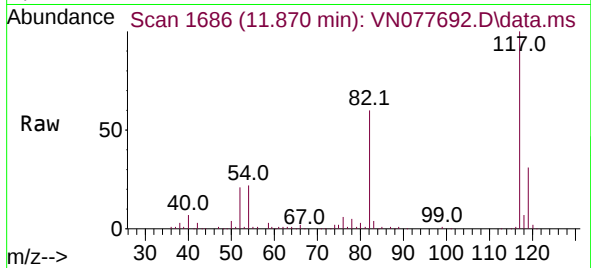




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077692.D
Acq: 16 May 2023 15:03

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 583796
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 31.1 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: VN077692.D
Acq: 16 May 2023 15:03

Tgt Ion:152 Resp: 228242
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 156.7 0.0 355.8

