

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075797.D
 Acq On : 15 Dec 2022 04:04
 Operator : JC\MD
 Sample : N5990-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-40

Quant Time: Dec 15 07:44:37 2022
 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	8.236	168	344942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	178626	47.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.171	113	161212	48.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.571	98	633166	50.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.853	95	193818	46.646	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%

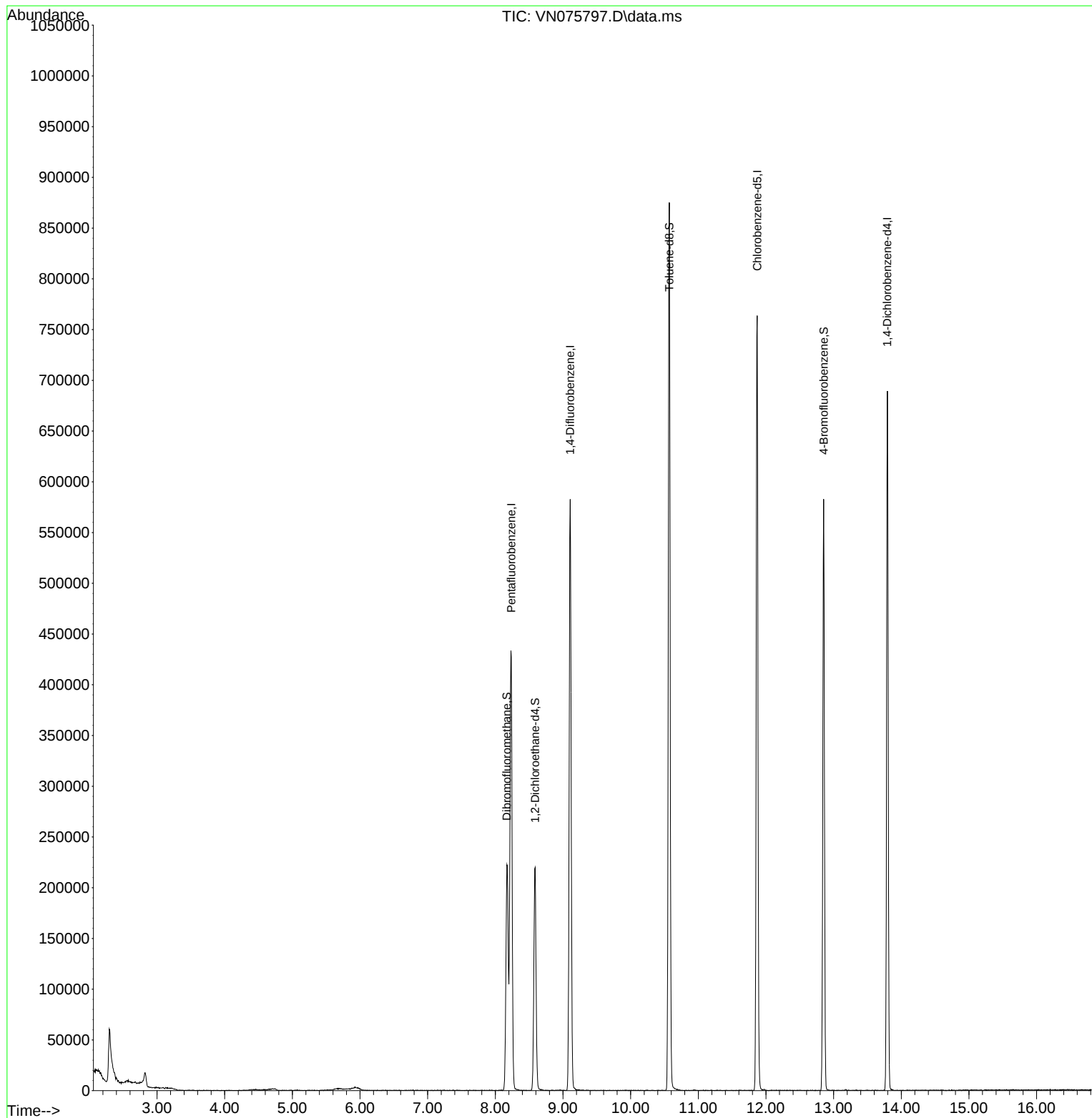
Target Compounds	Qvalue

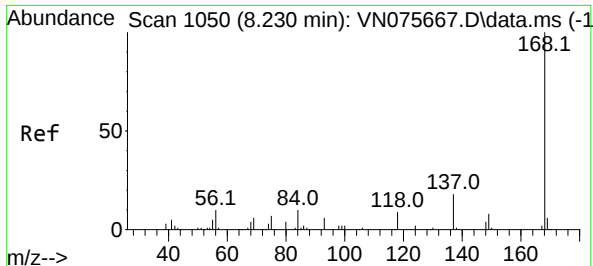
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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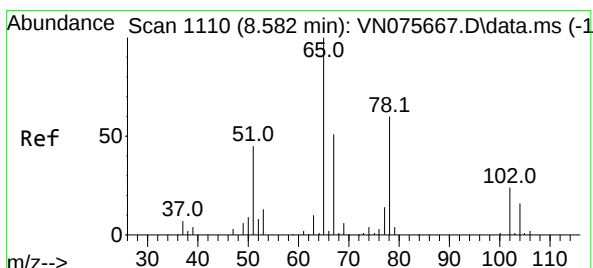
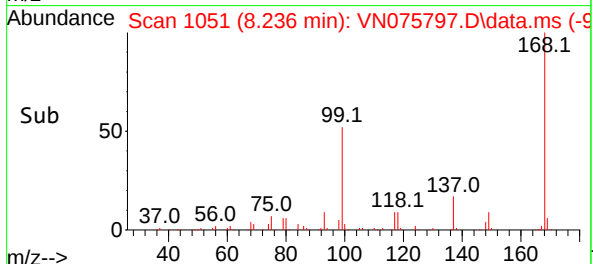
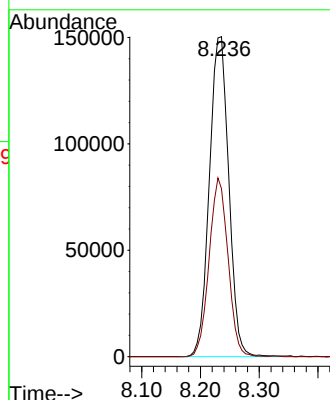
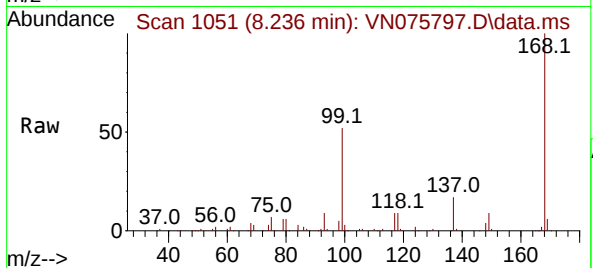




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

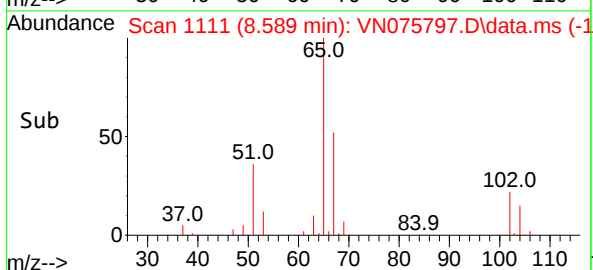
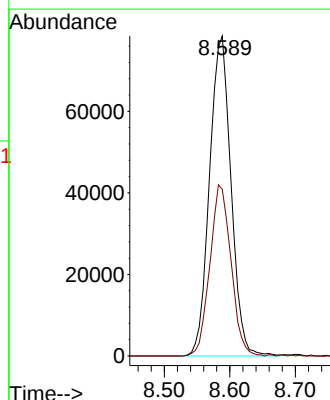
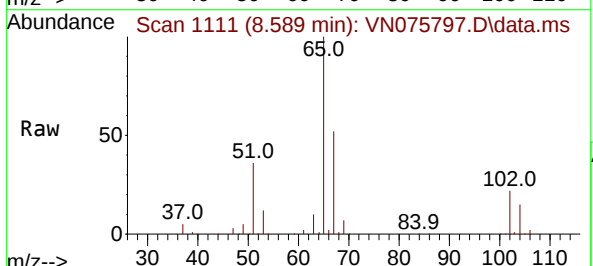
Instrument :
MSVOA_N
ClientSampleId :
MW-40

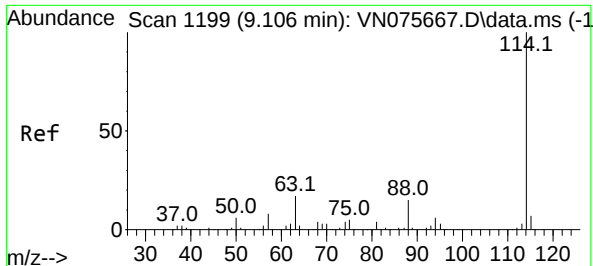
Tgt Ion:168 Resp: 344942
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.600 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 65 Resp: 178626
Ion Ratio Lower Upper
65 100
67 52.5 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: VN075797.D

Acq: 15 Dec 2022 04:04

Instrument :

MSVOA_N

ClientSampleId :

MW-40

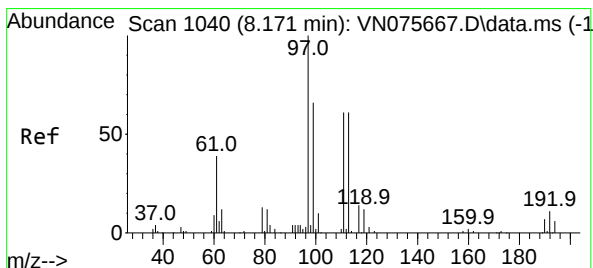
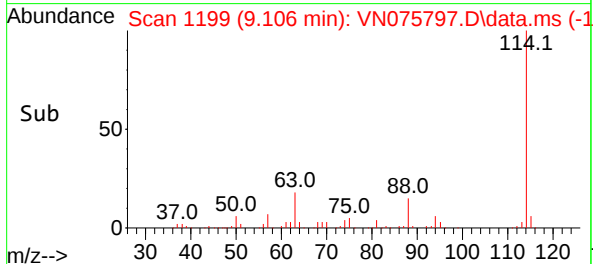
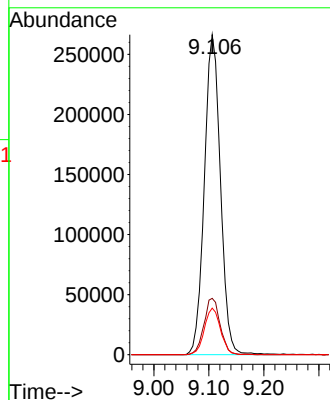
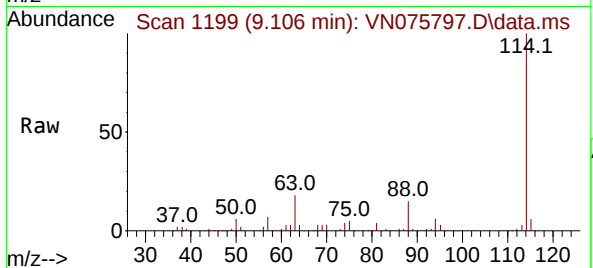
Tgt Ion:114 Resp: 541802

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.047 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075797.D

Acq: 15 Dec 2022 04:04

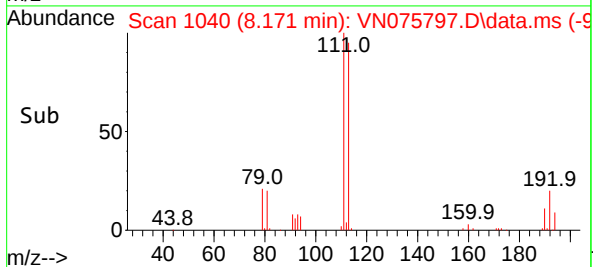
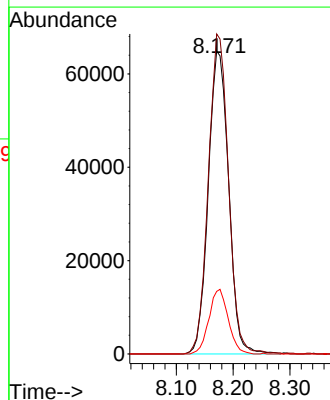
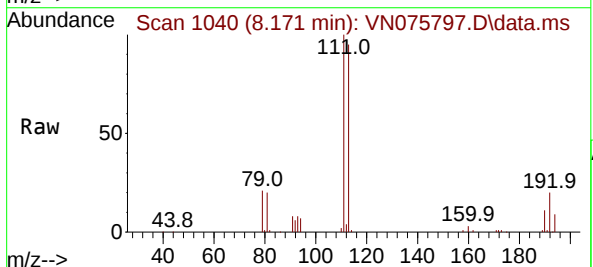
Tgt Ion:113 Resp: 161212

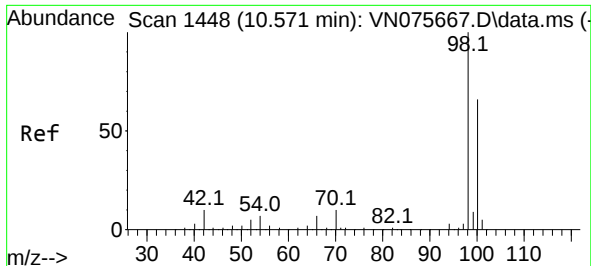
Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 20.3 16.1 24.1

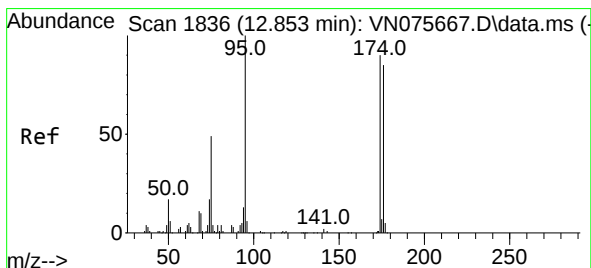
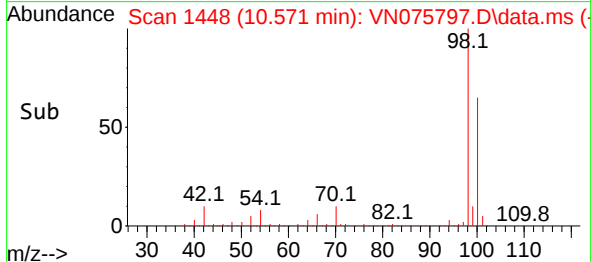
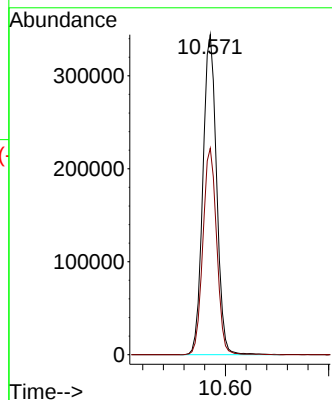
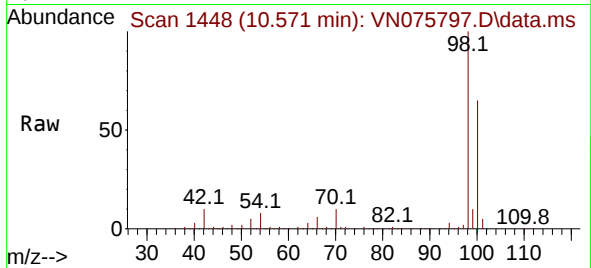




#50
Toluene-d8
Concen: 50.471 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

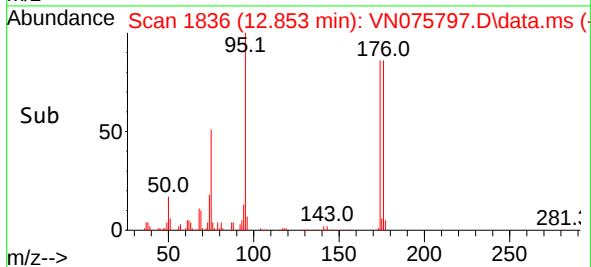
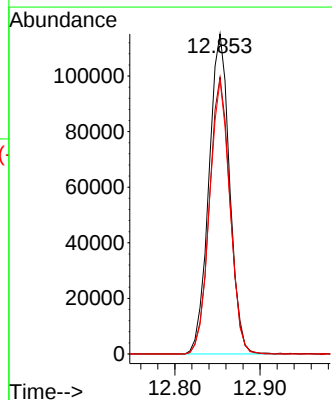
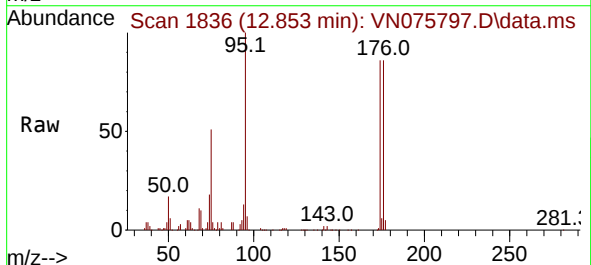
Instrument :
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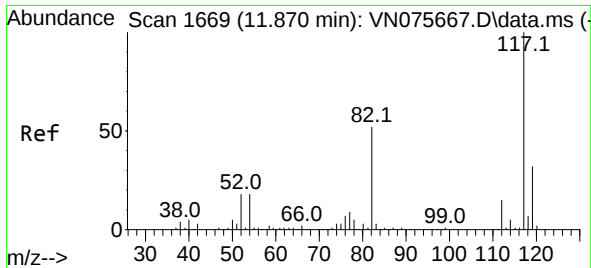
Tgt Ion: 98 Resp: 633166
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion: 95 Resp: 193818
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.9 0.0 169.2

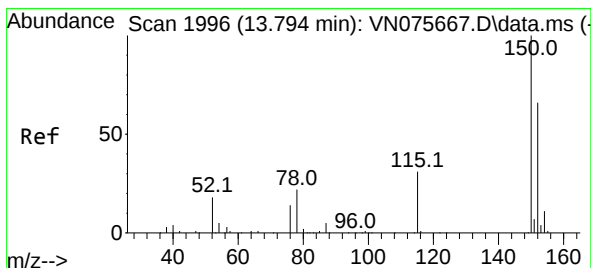
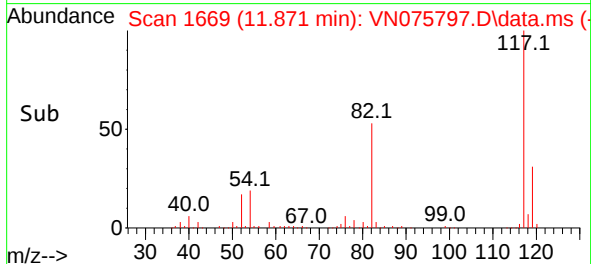
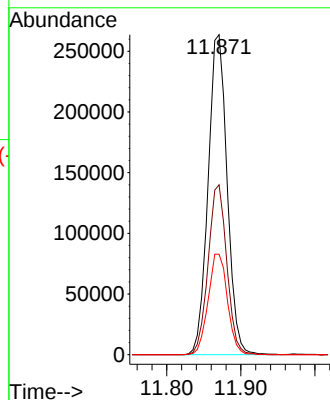
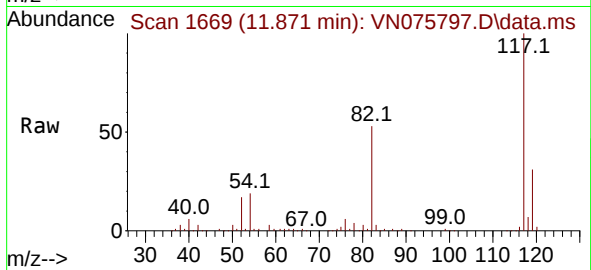




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075797.D
Acq: 15 Dec 2022 04:04

Instrument :
MSVOA_N
ClientSampleId :
MW-40

Tgt Ion:117 Resp: 470559
Ion Ratio Lower Upper
117 100
82 53.1 41.3 61.9
119 31.4 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: VN075797.D
Acq: 15 Dec 2022 04:04

Tgt Ion:152 Resp: 195157
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 154.6 0.0 347.0

