

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075791.D
 Acq On : 15 Dec 2022 01:40
 Operator : JC\MD
 Sample : N5990-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB120822

Quant Time: Dec 15 03:16:26 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	8.230	168	345236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	469527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	178075	47.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.171	113	162506	48.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	620522	49.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	190241	46.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%

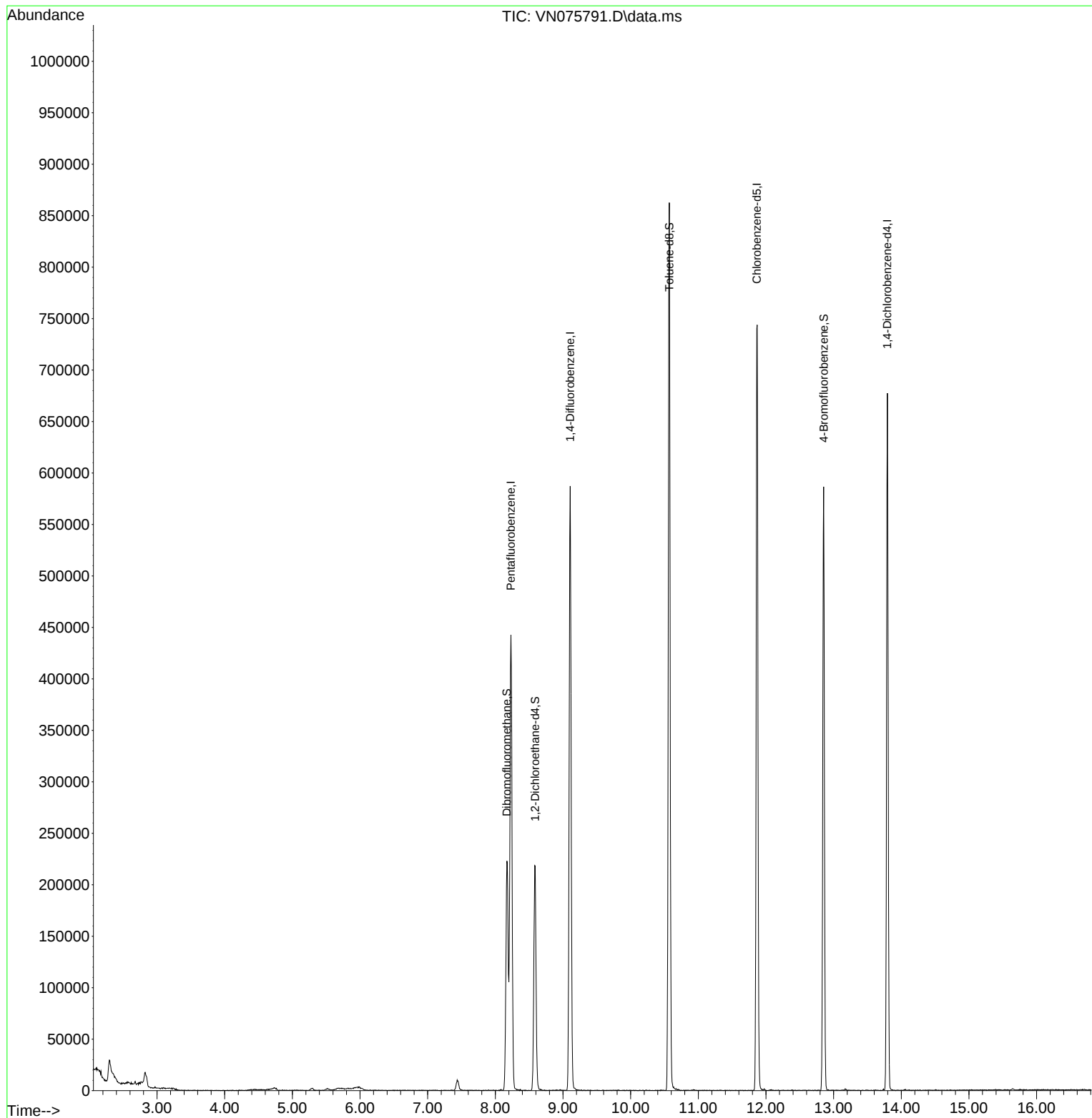
Target Compounds	Qvalue

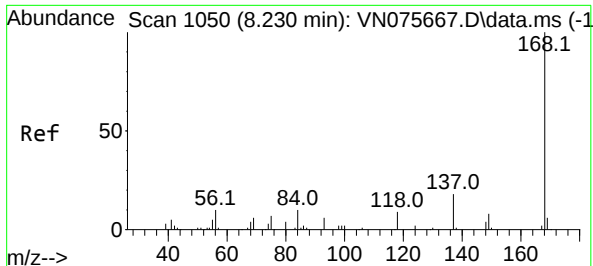
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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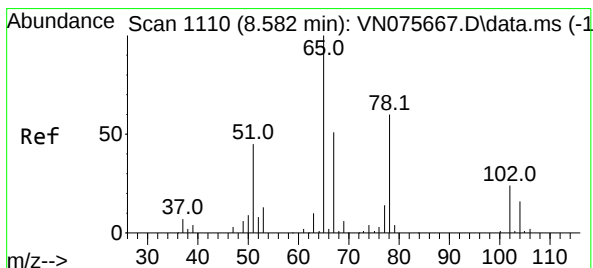
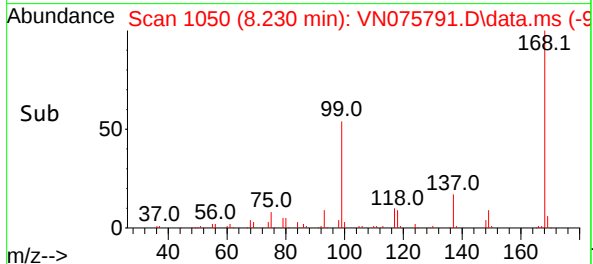
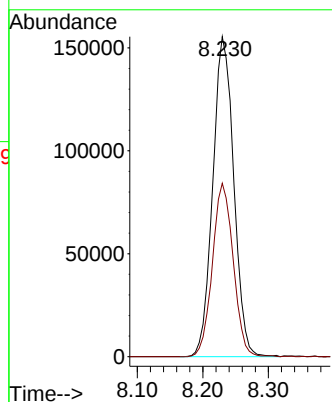
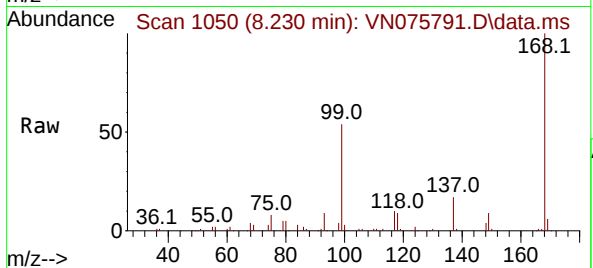




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

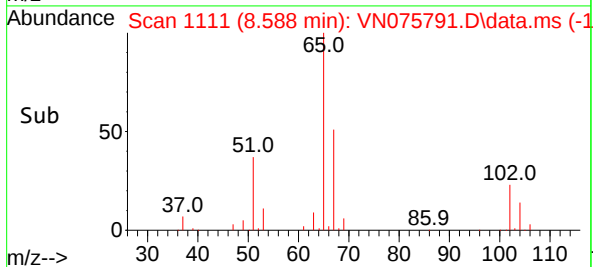
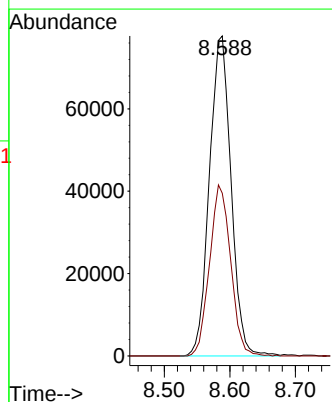
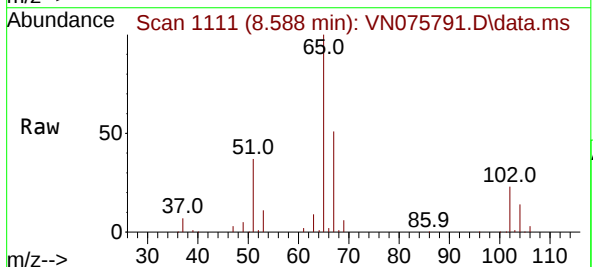
Instrument :
MSVOA_N
ClientSampleId :
FB120822

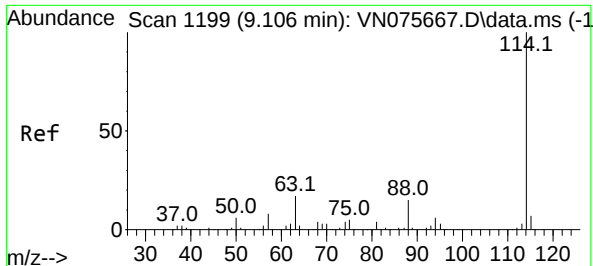
Tgt Ion:168 Resp: 345236
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.413 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 65 Resp: 178075
Ion Ratio Lower Upper
65 100
67 52.2 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: VN075791.D

Acq: 15 Dec 2022 01:40

Instrument :

MSVOA_N

ClientSampleId :

FB120822

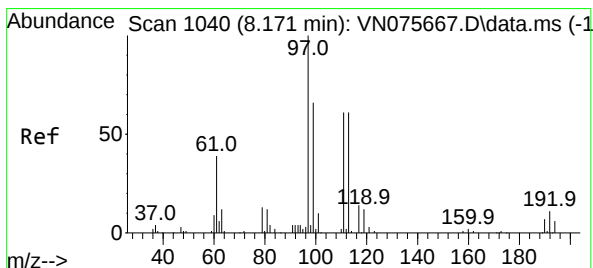
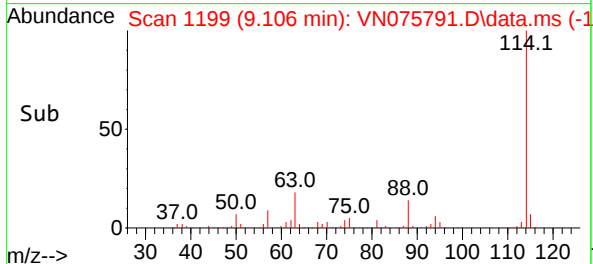
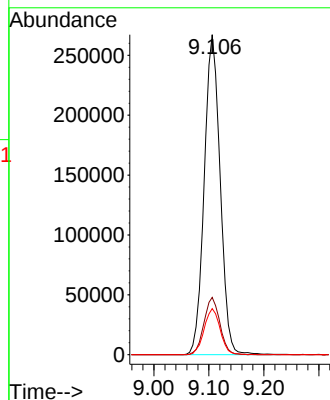
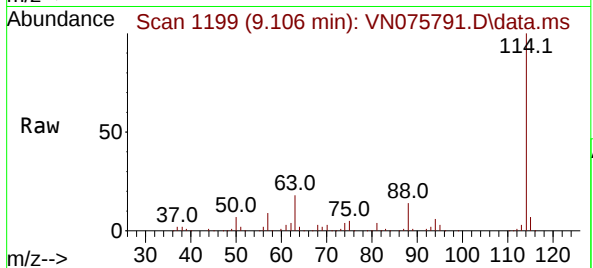
Tgt Ion:114 Resp: 538597

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.721 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075791.D

Acq: 15 Dec 2022 01:40

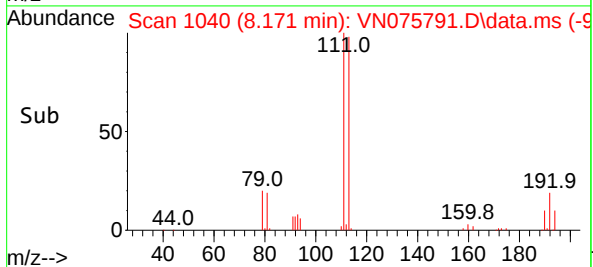
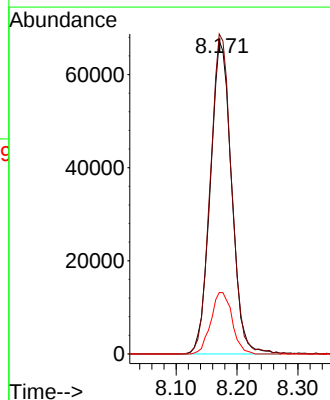
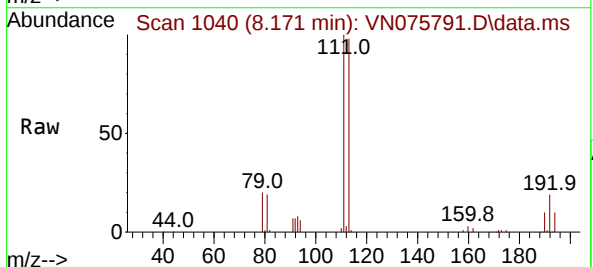
Tgt Ion:113 Resp: 162506

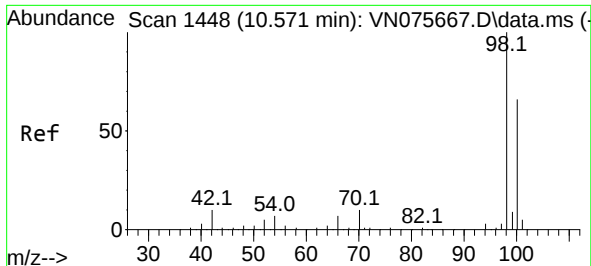
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 19.6 16.1 24.1

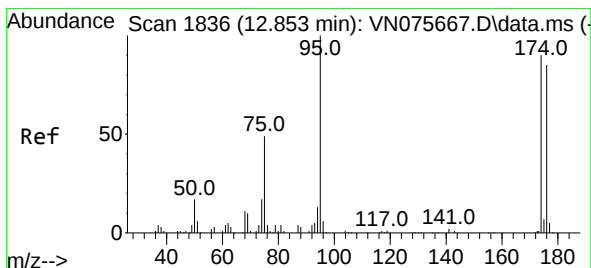
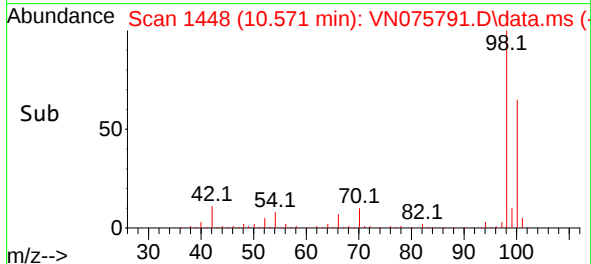
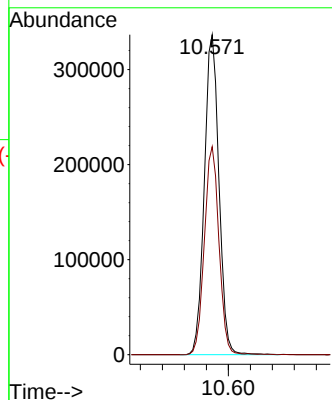
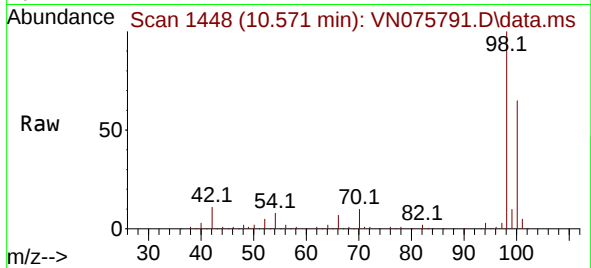




#50
Toluene-d8
Concen: 49.758 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

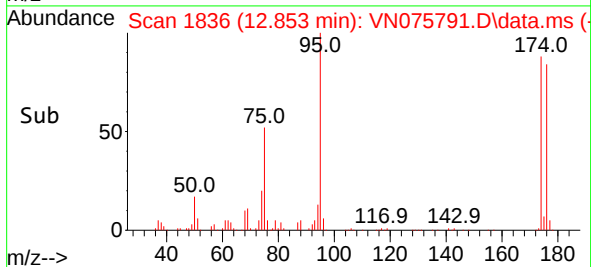
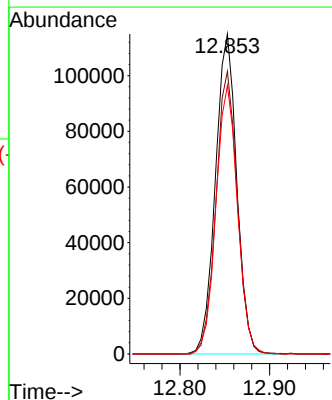
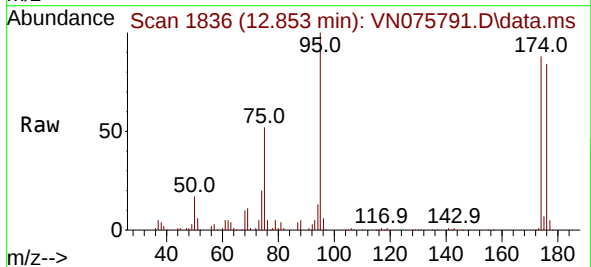
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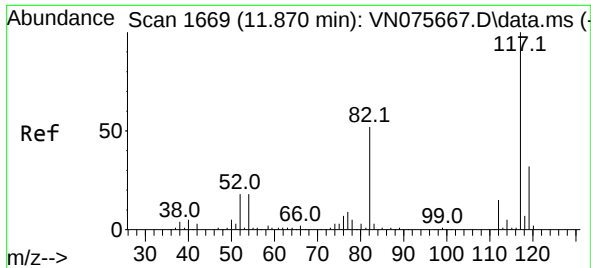
Tgt Ion: 98 Resp: 620522
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.058 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 95 Resp: 190241
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.5 0.0 169.2

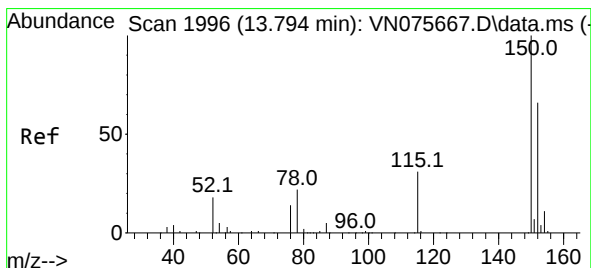
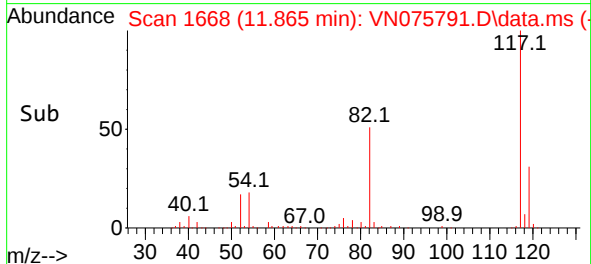
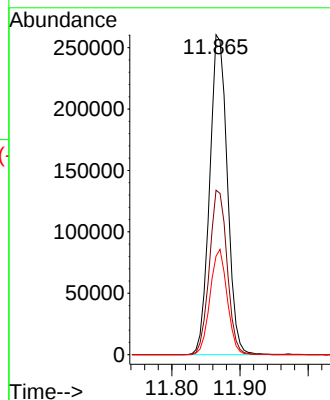
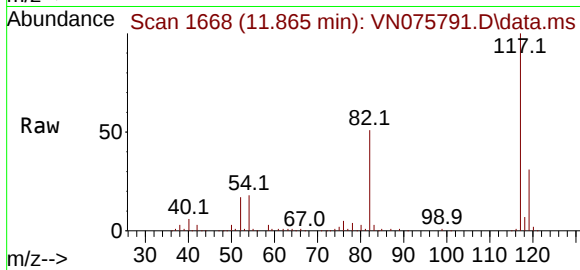




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Instrument :
MSVOA_N
ClientSampleId :
FB120822

Tgt Ion:117 Resp: 469527
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 30.8 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: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion:152 Resp: 190647
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 156.0 0.0 347.0

