

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075793.D
 Acq On : 15 Dec 2022 02:28
 Operator : JC\MD
 Sample : N5990-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-36

Quant Time: Dec 15 03:16:43 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	353506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	485381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182038	47.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.660%
35) Dibromofluoromethane	8.177	113	165782	48.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	10.571	98	637374	50.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	198809	47.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%

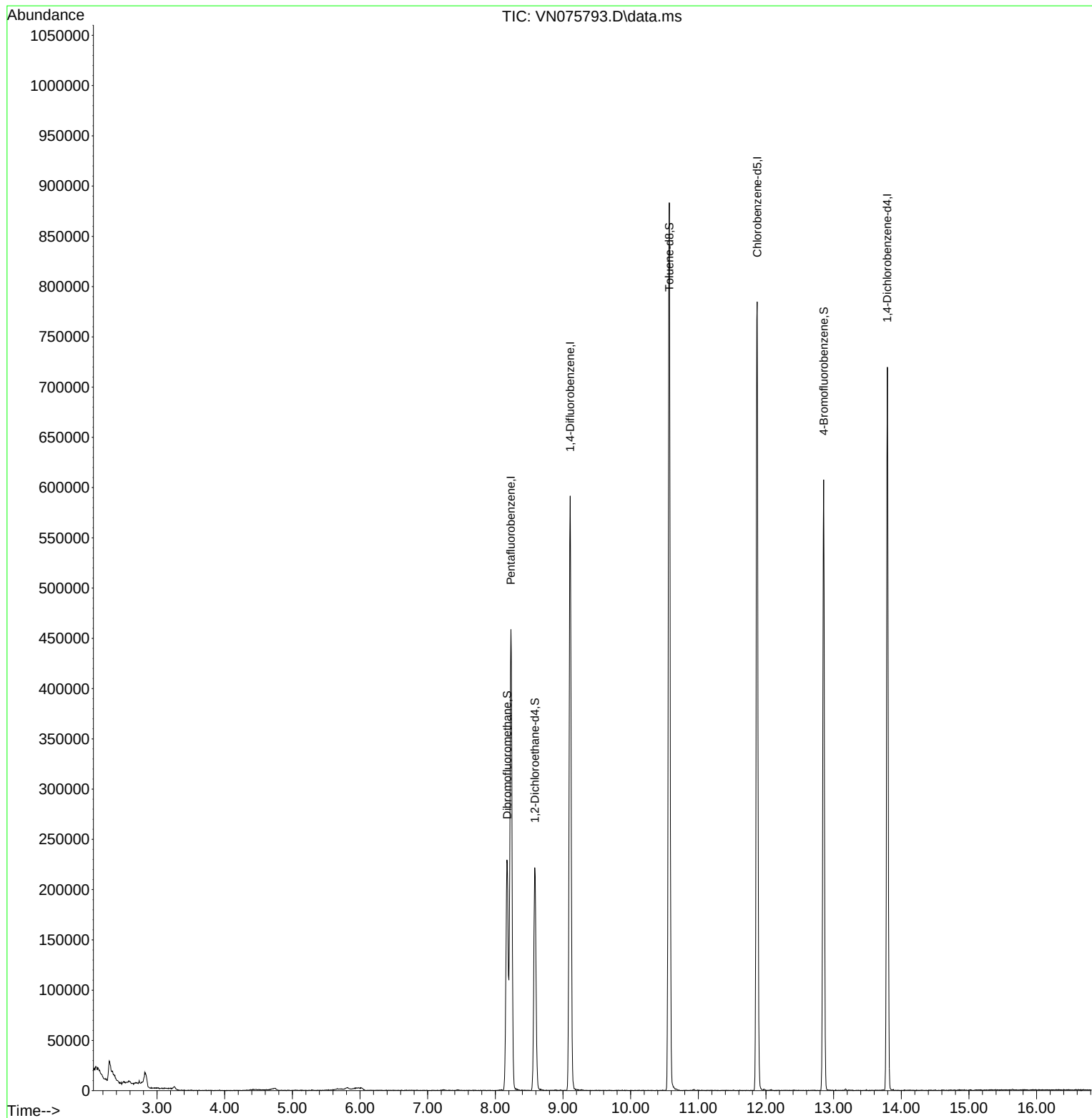
Target Compounds	Qvalue

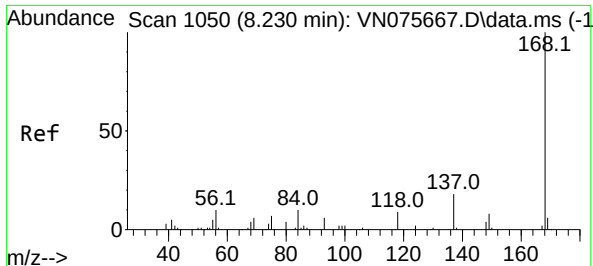
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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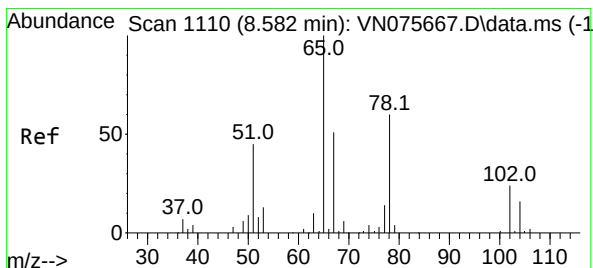
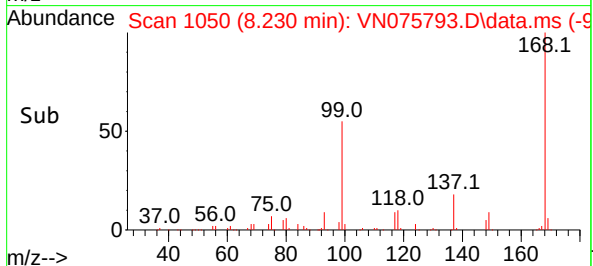
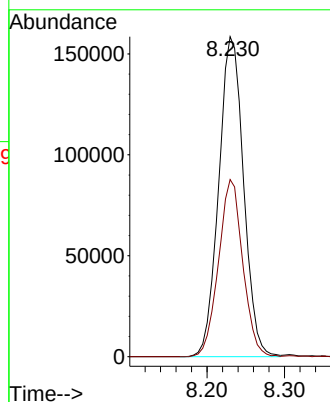
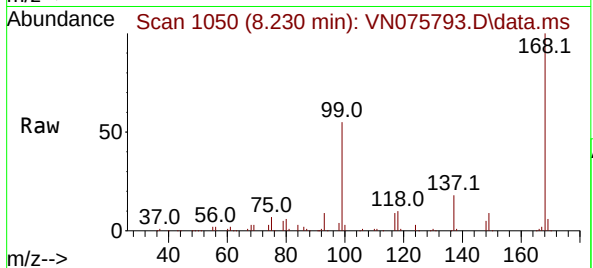




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

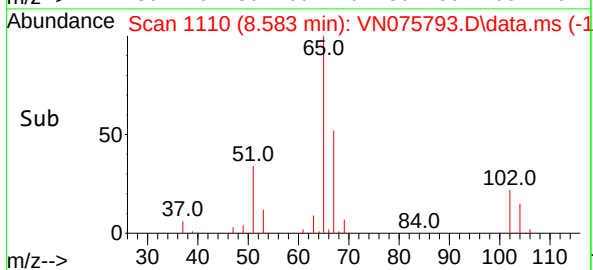
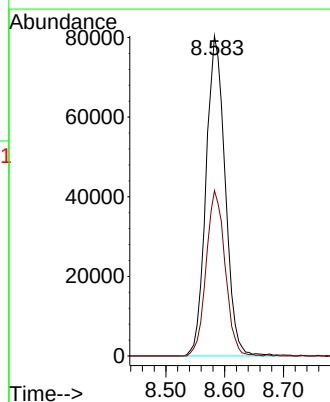
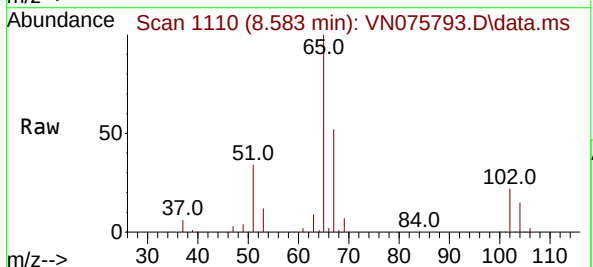
Instrument :
MSVOA_N
ClientSampleId :
MW-36

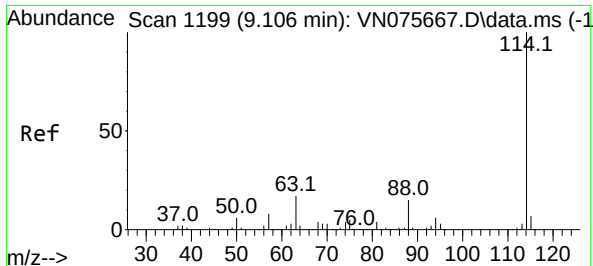
Tgt Ion:168 Resp: 353506
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.334 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 65 Resp: 182038
Ion Ratio Lower Upper
65 100
67 51.2 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: VN075793.D

Acq: 15 Dec 2022 02:28

Instrument :

MSVOA_N

ClientSampleId :

MW-36

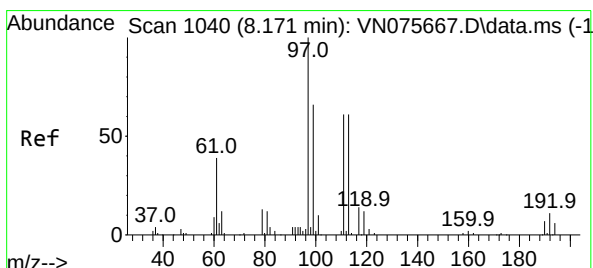
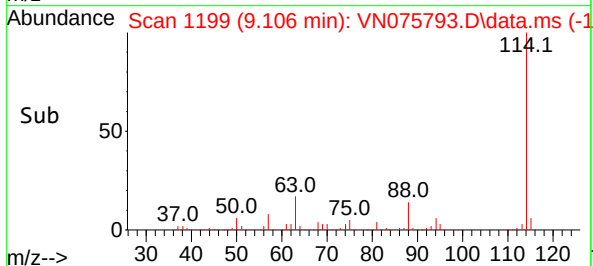
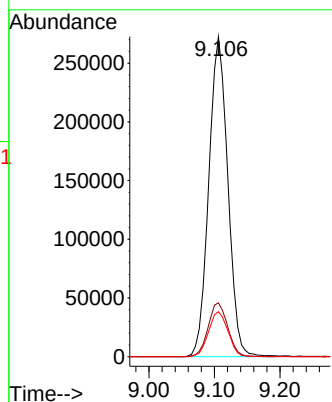
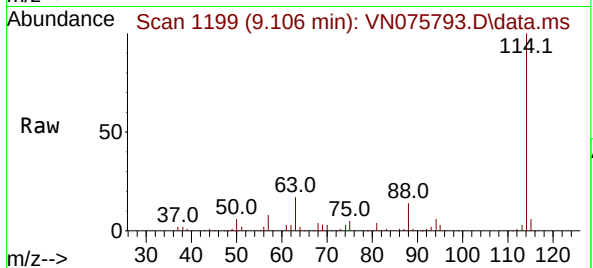
Tgt Ion:114 Resp: 550516

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.627 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075793.D

Acq: 15 Dec 2022 02:28

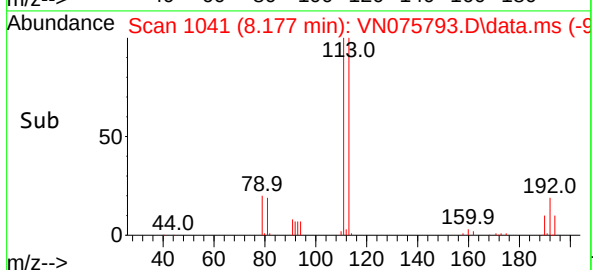
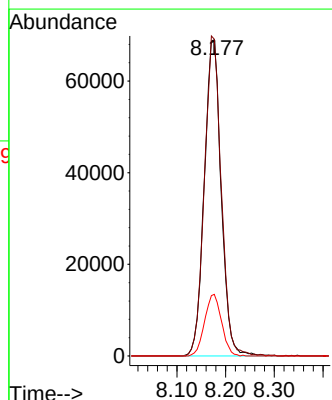
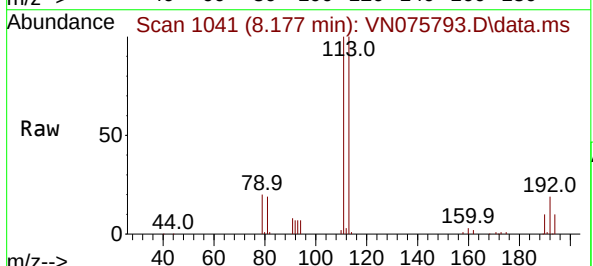
Tgt Ion:113 Resp: 165782

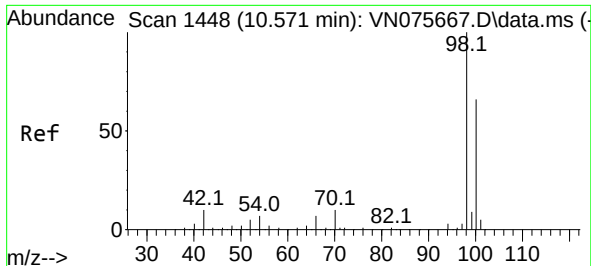
Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.2

192 19.6 16.1 24.1

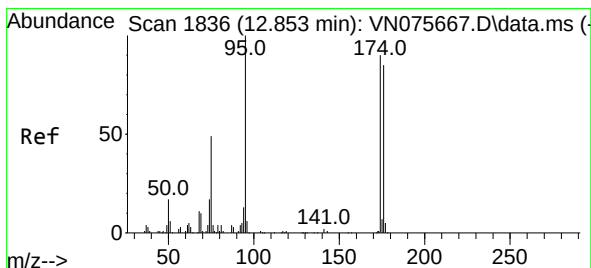
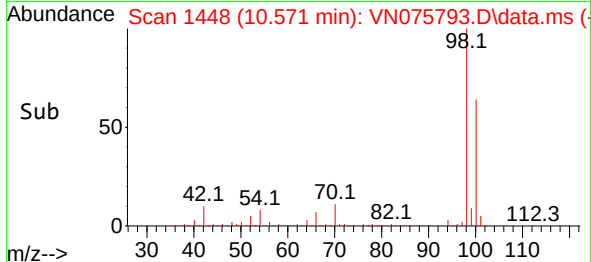
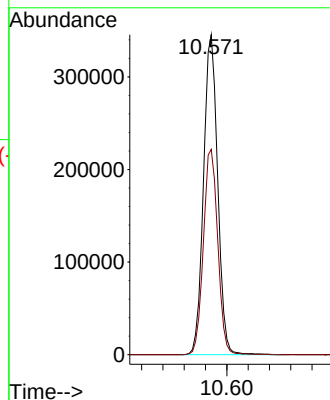
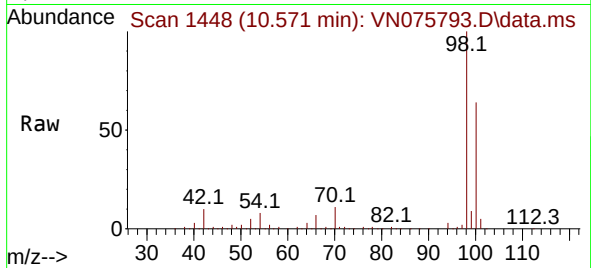




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

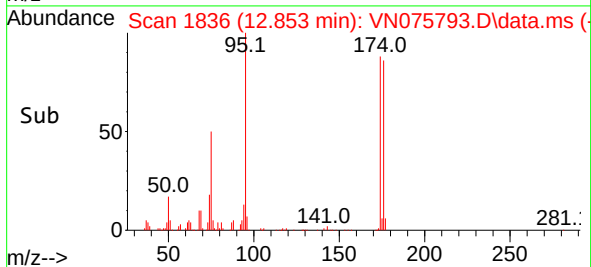
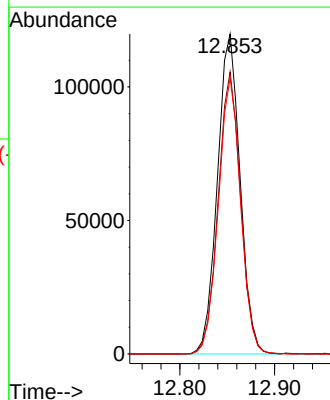
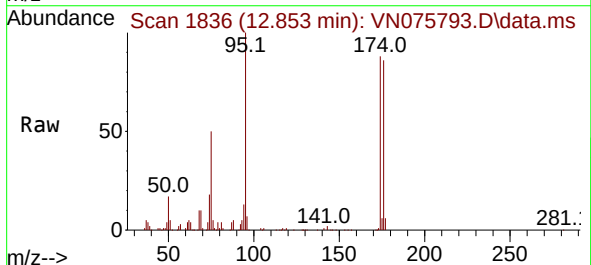
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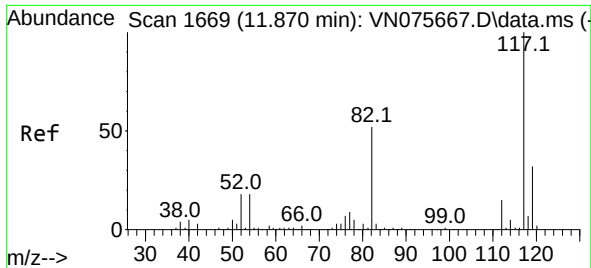
Tgt Ion: 98 Resp: 637374
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.090 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion: 95 Resp: 198809
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 84.8 0.0 169.2

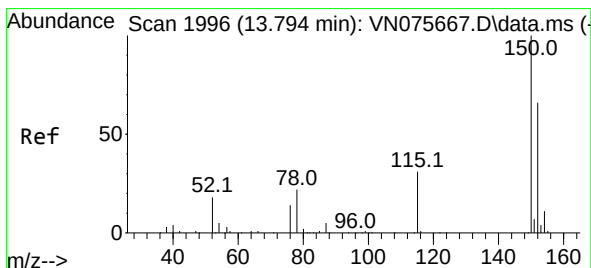
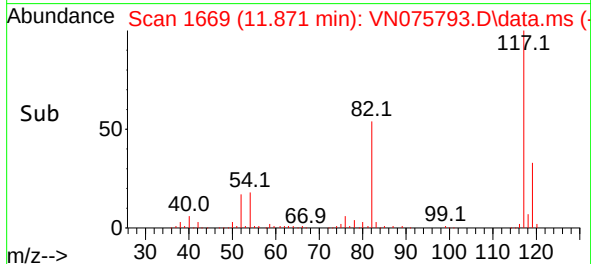
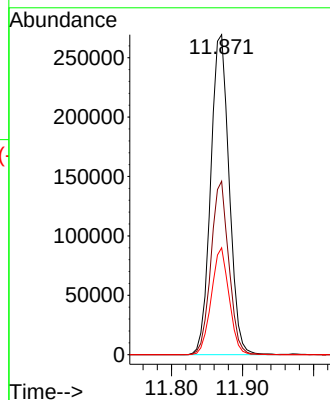
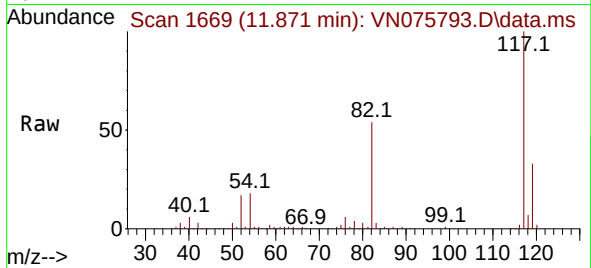




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075793.D
Acq: 15 Dec 2022 02:28

Instrument :
MSVOA_N
ClientSampleId :
MW-36

Tgt Ion:117 Resp: 485381
Ion Ratio Lower Upper
117 100
82 54.2 41.3 61.9
119 33.4 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: VN075793.D
Acq: 15 Dec 2022 02:28

Tgt Ion:152 Resp: 196584
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 160.7 0.0 347.0

