

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075789.D
 Acq On : 15 Dec 2022 00:52
 Operator : JC\MD
 Sample : N5990-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB120922

Quant Time: Dec 15 03:16:10 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	353616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183427	47.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.177	113	164575	48.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.571	98	639000	49.923	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.853	95	197459	46.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%

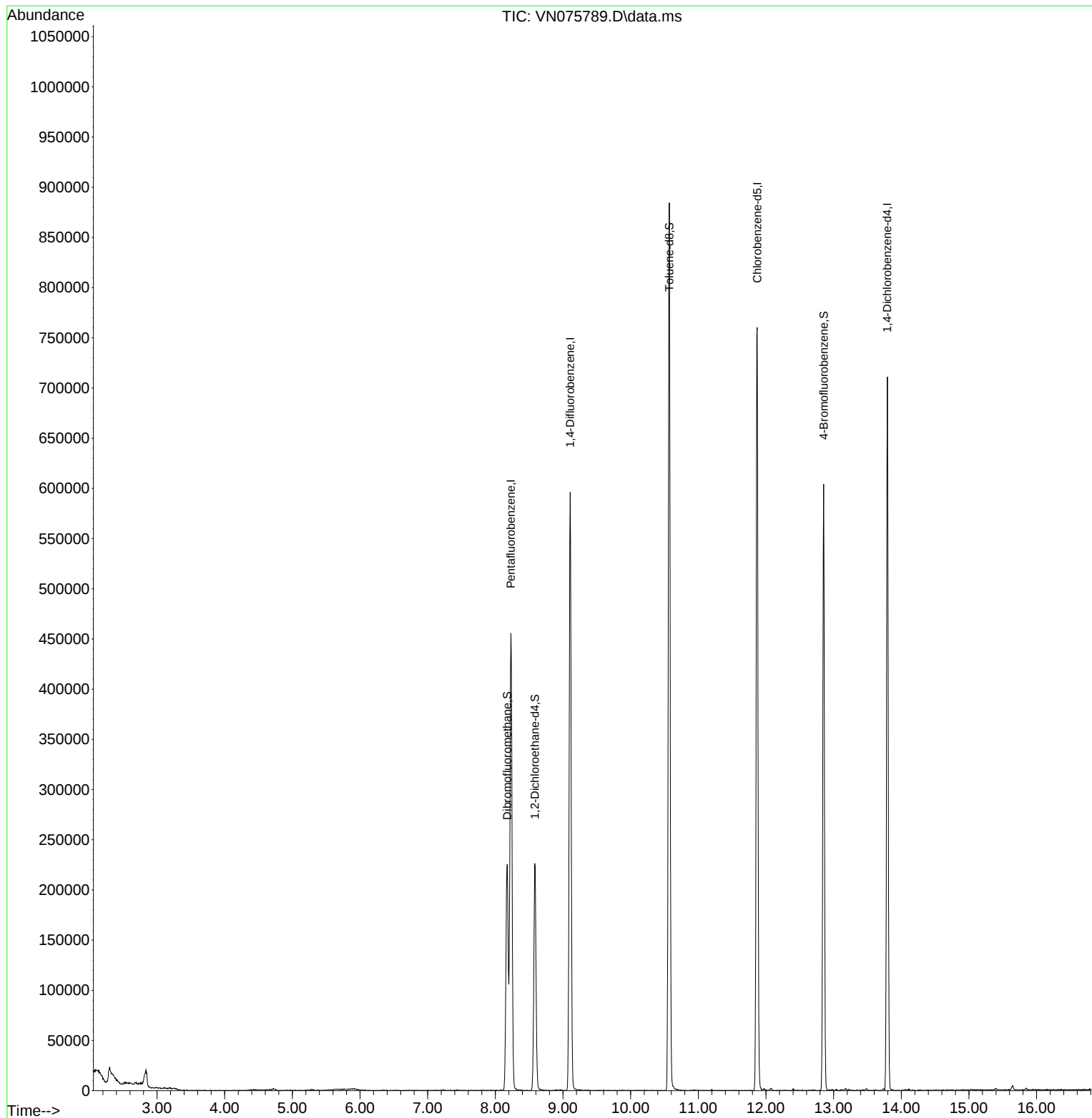
Target Compounds	Qvalue

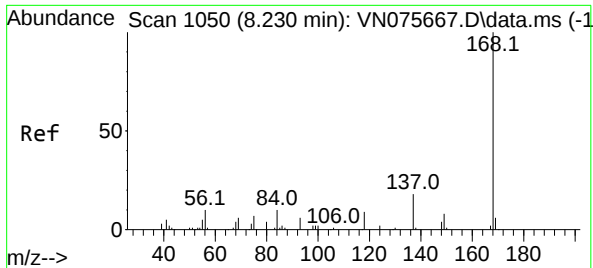
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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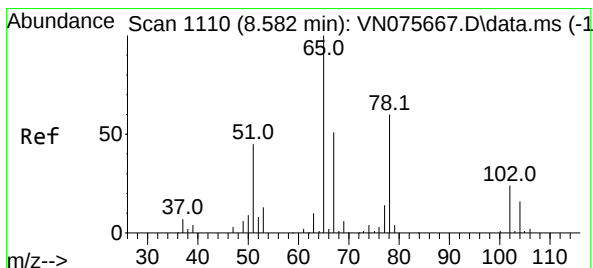
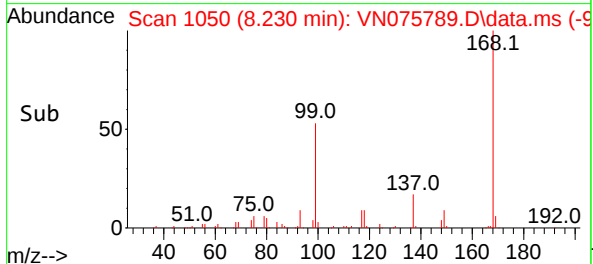
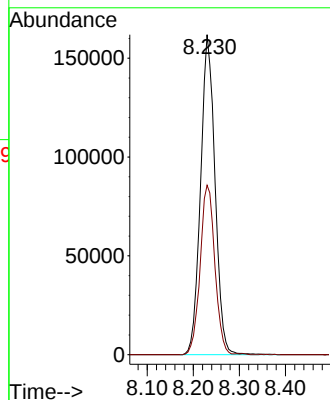
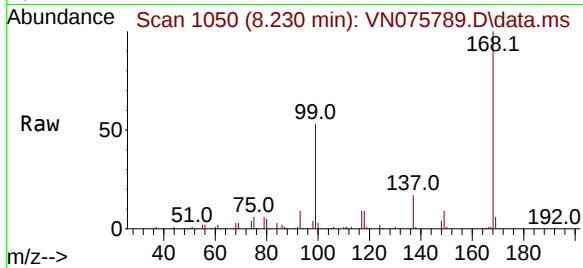




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075789.D
Acq: 15 Dec 2022 00:52

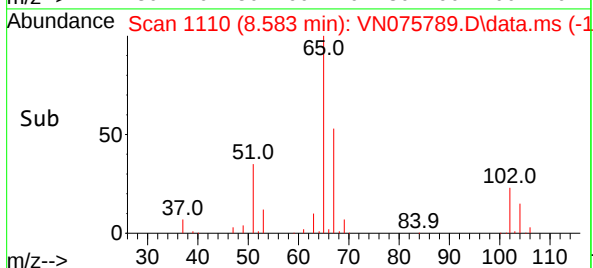
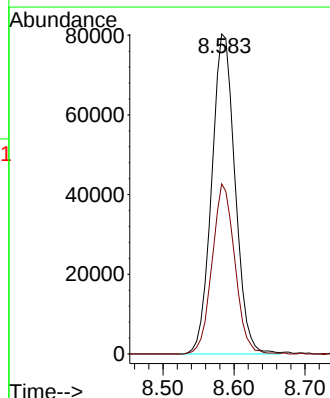
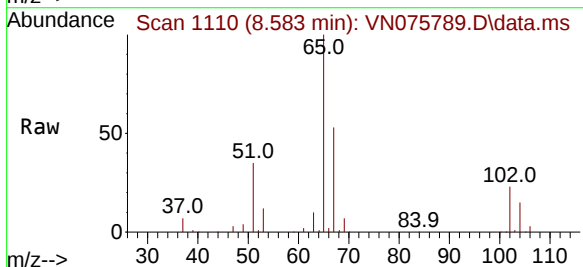
Instrument :
MSVOA_N
ClientSampleId :
TB120922

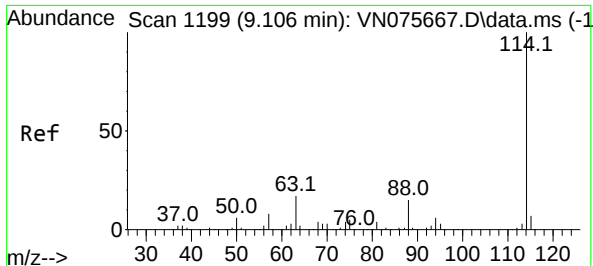
Tgt Ion:168 Resp: 353616
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.680 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075789.D
Acq: 15 Dec 2022 00:52

Tgt Ion: 65 Resp: 183427
Ion Ratio Lower Upper
65 100
67 51.6 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: VN075789.D

Acq: 15 Dec 2022 00:52

Instrument :

MSVOA_N

ClientSampleId :

TB120922

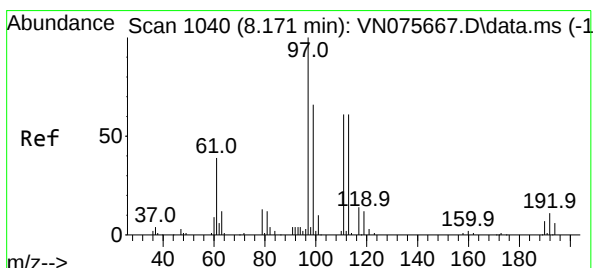
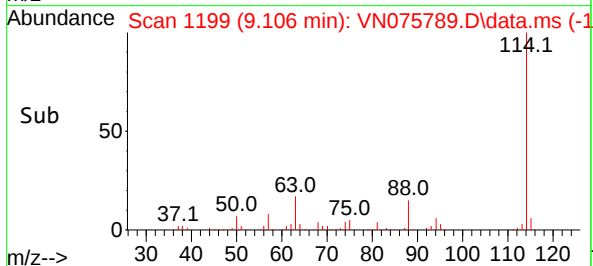
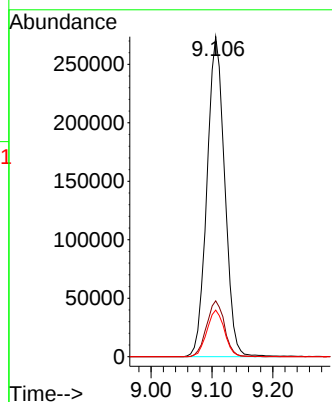
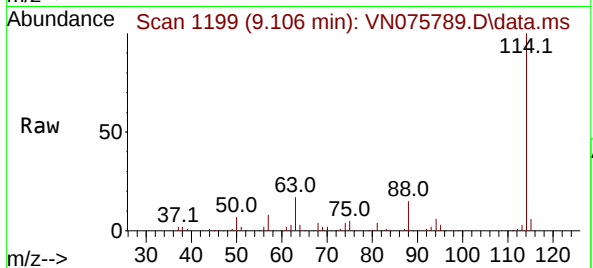
Tgt Ion:114 Resp: 552802

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.073 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075789.D

Acq: 15 Dec 2022 00:52

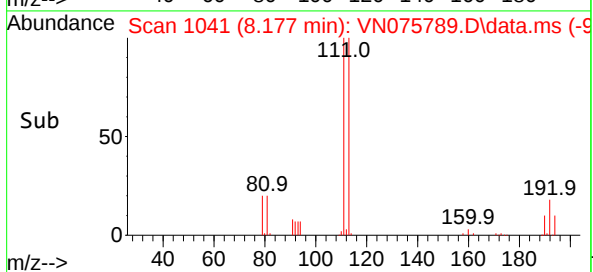
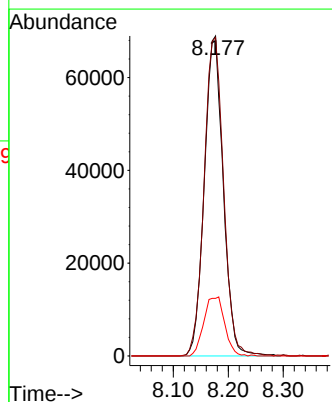
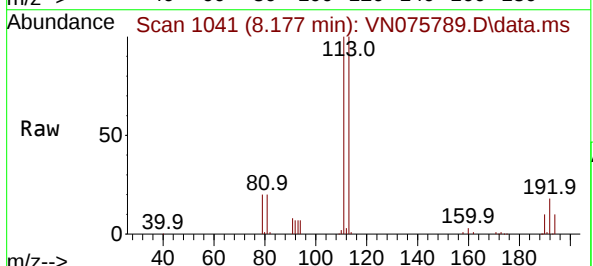
Tgt Ion:113 Resp: 164575

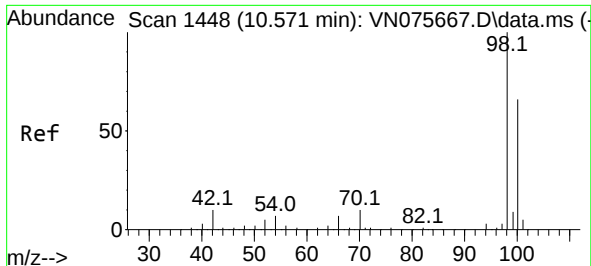
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 20.3 16.1 24.1

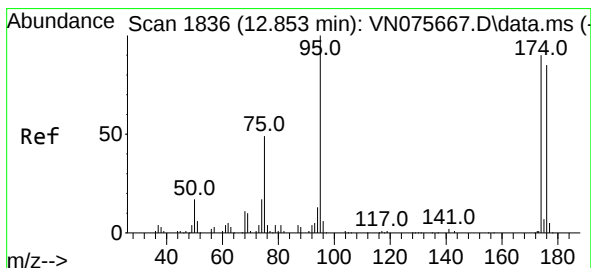
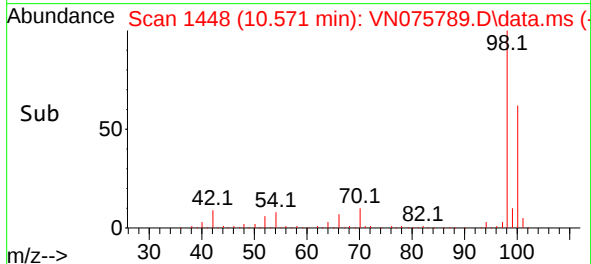
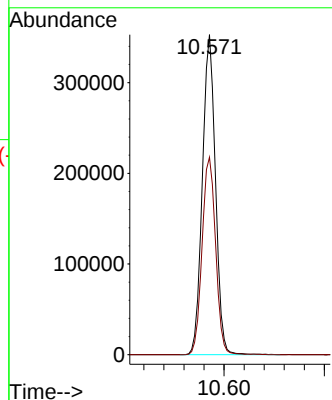
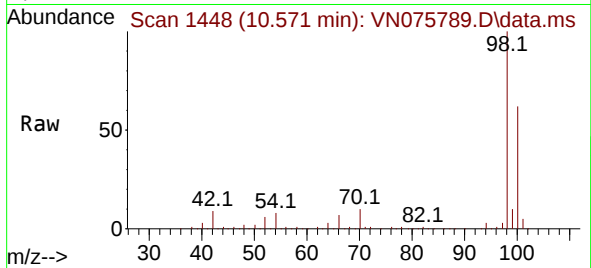




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075789.D
Acq: 15 Dec 2022 00:52

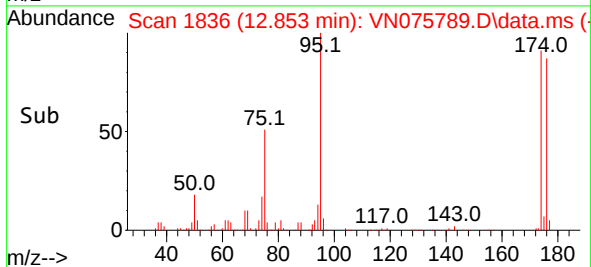
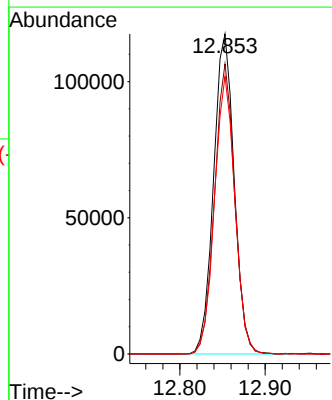
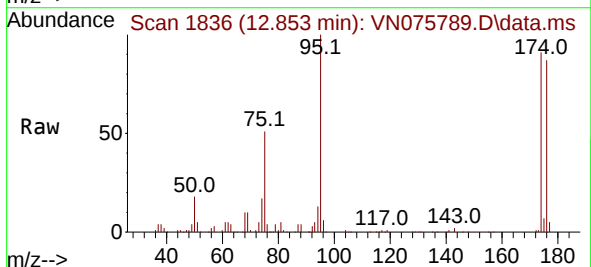
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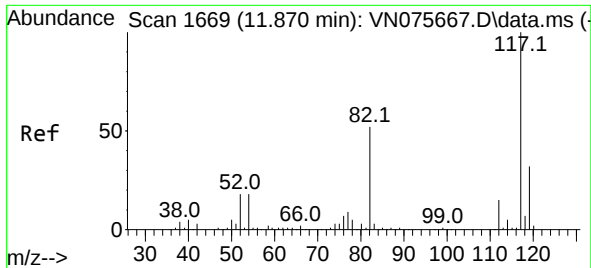
Tgt Ion: 98 Resp: 639000
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.577 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075789.D
Acq: 15 Dec 2022 00:52

Tgt Ion: 95 Resp: 197459
Ion Ratio Lower Upper
95 100
174 88.5 0.0 171.6
176 85.8 0.0 169.2

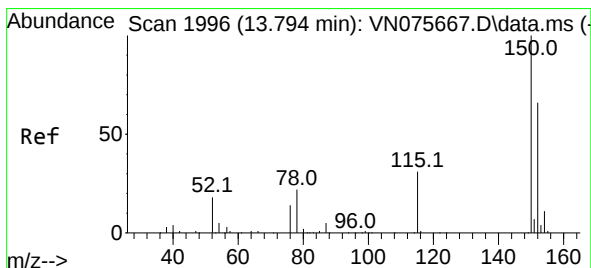
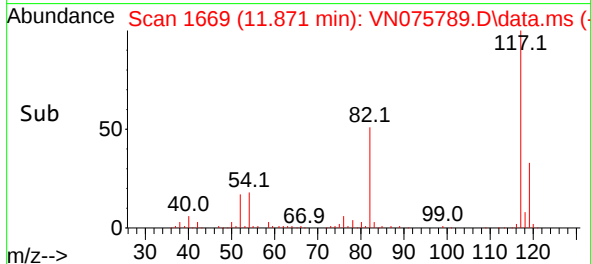
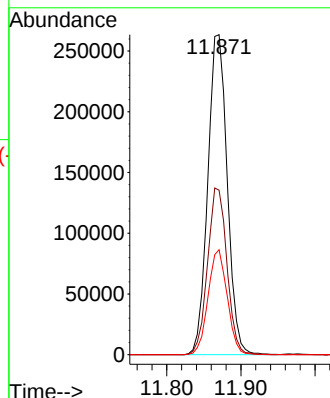
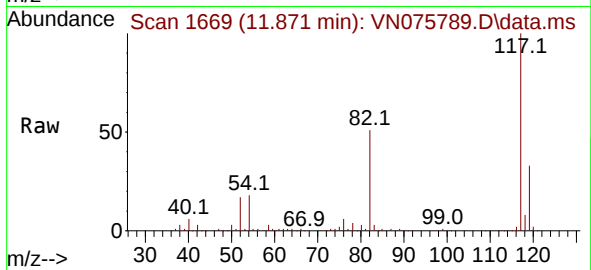




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VN075789.D
Acq: 15 Dec 2022 00:52

Instrument :
MSVOA_N
ClientSampleId :
TB120922

Tgt Ion:117 Resp: 481048
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.8 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: VN075789.D
Acq: 15 Dec 2022 00:52

Tgt Ion:152 Resp: 200560
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 156.7 0.0 347.0

