

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075756.D
 Acq On : 13 Dec 2022 11:15
 Operator : JC\MD
 Sample : N6027-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-121222

Quant Time: Dec 13 13:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	235687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	372677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137964	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120776	48.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	8.171	113	112835	49.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	10.570	98	432252	50.621	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.853	95	134883	46.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%

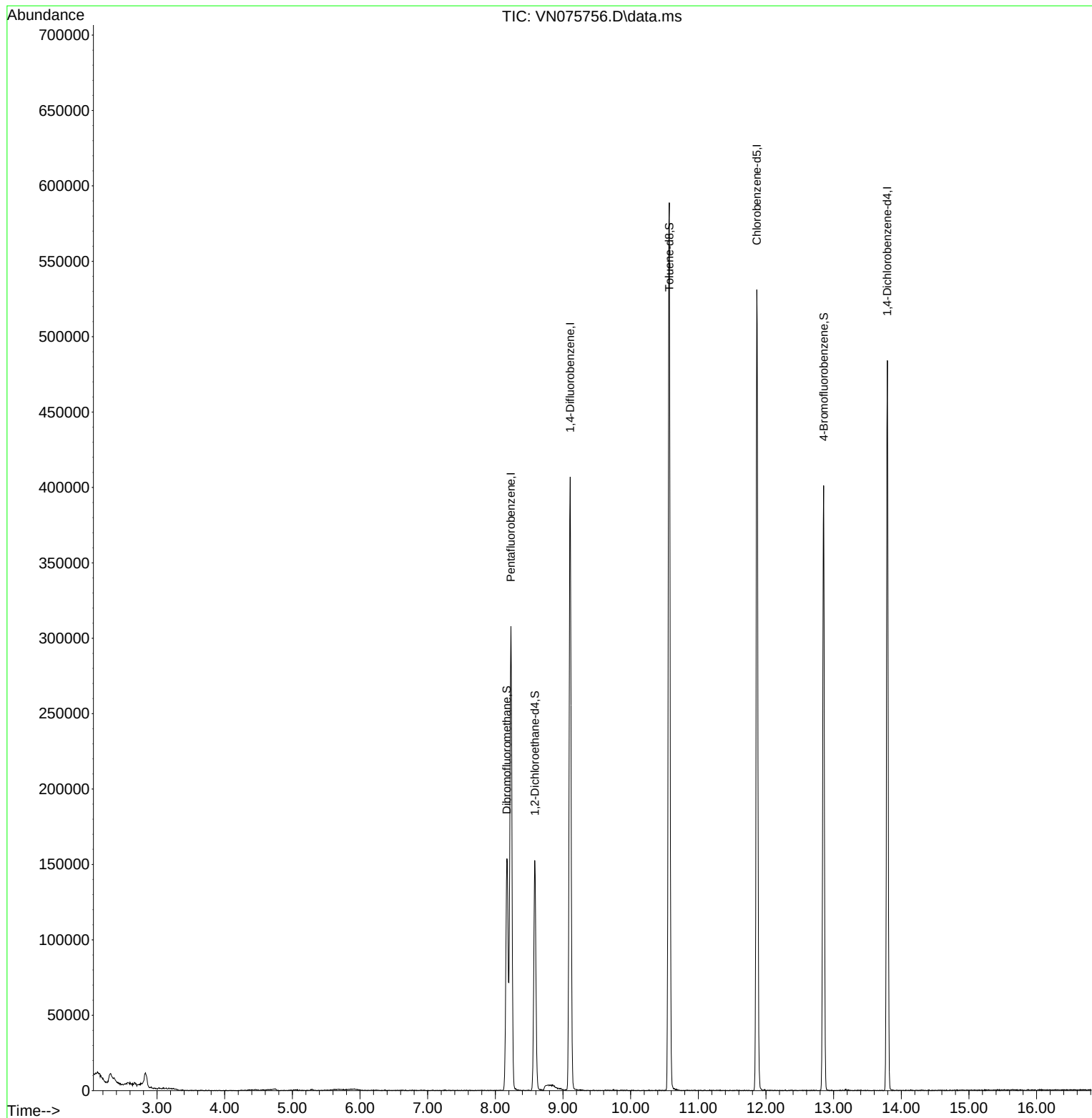
Target Compounds	Qvalue

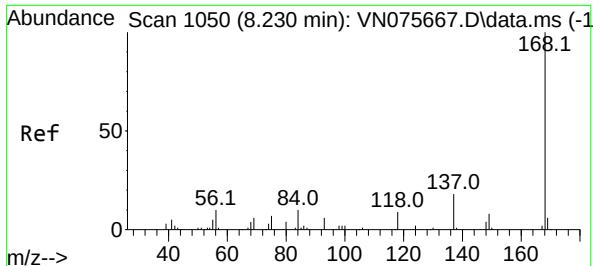
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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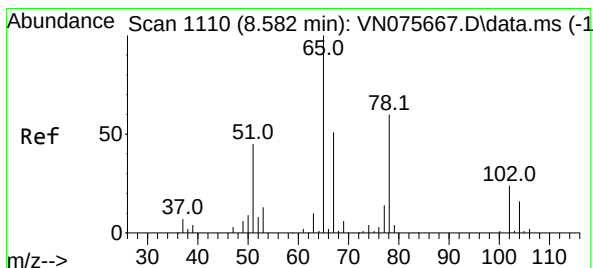
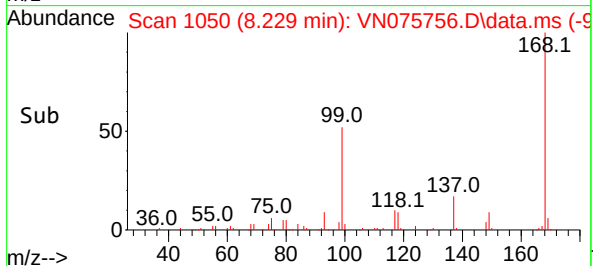
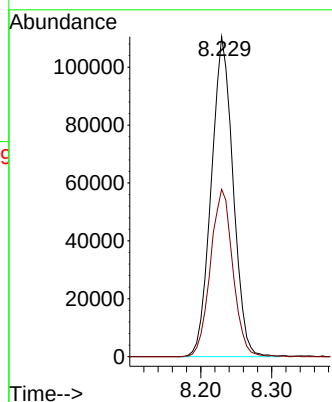
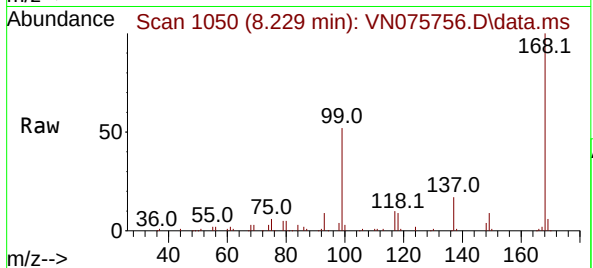




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

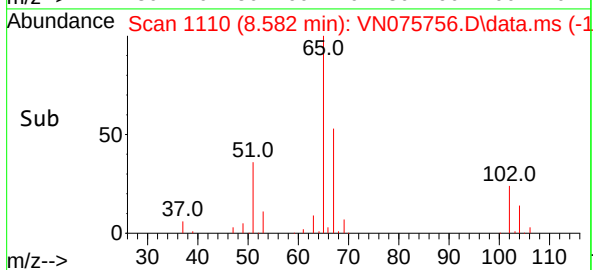
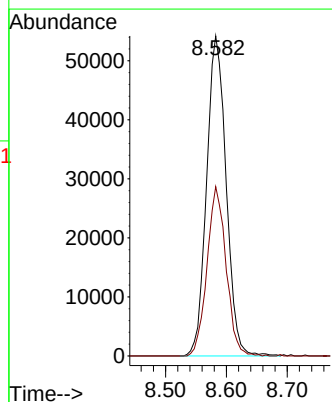
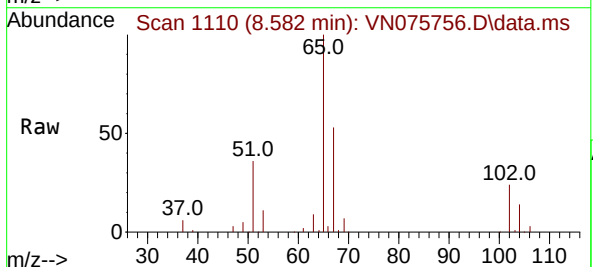
Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

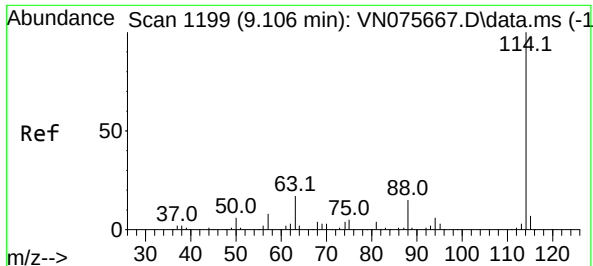
Tgt Ion:168 Resp: 235687
Ion Ratio Lower Upper
168 100
99 52.3 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 48.297 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion: 65 Resp: 120776
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075756.D

Acq: 13 Dec 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-121222

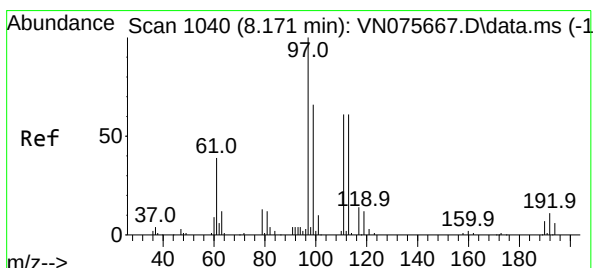
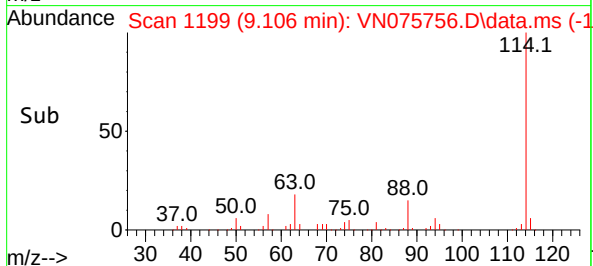
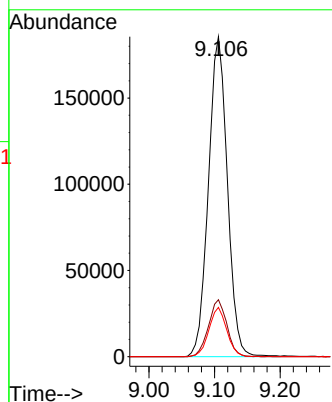
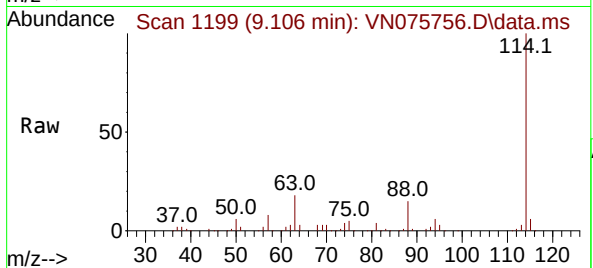
Tgt Ion:114 Resp: 372677

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.625 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075756.D

Acq: 13 Dec 2022 11:15

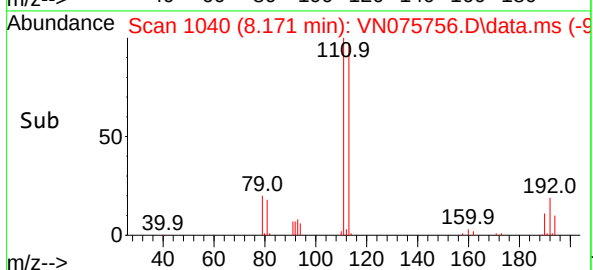
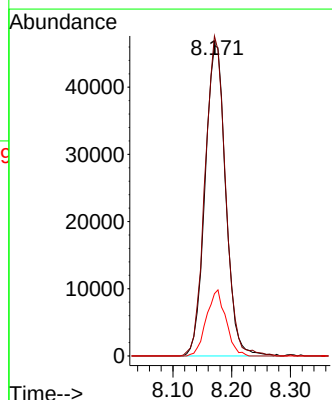
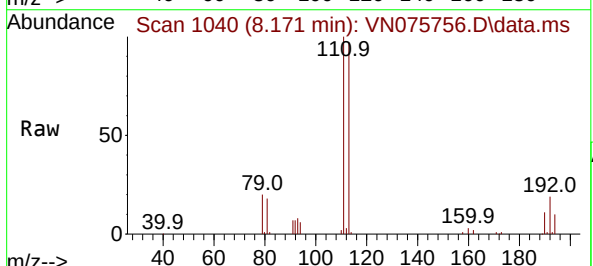
Tgt Ion:113 Resp: 112835

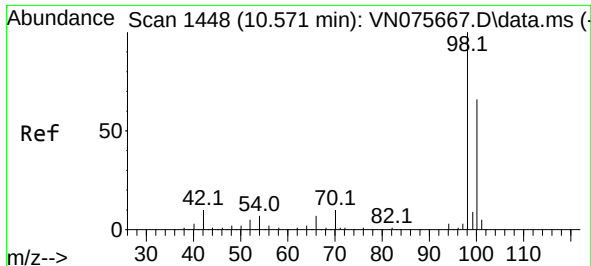
Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.6

192 20.0 16.2 24.2

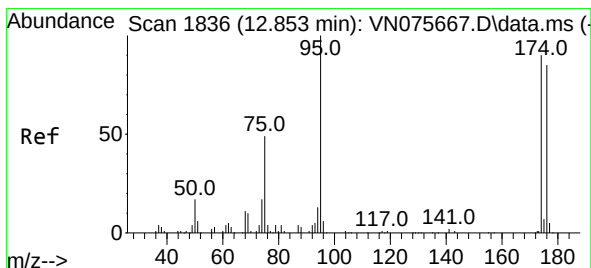
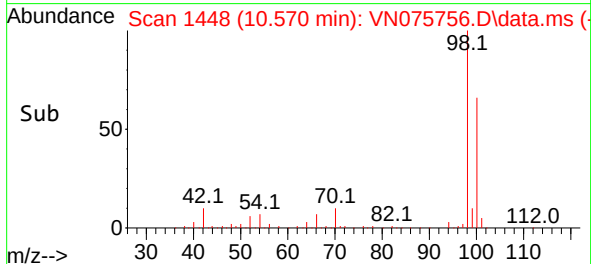
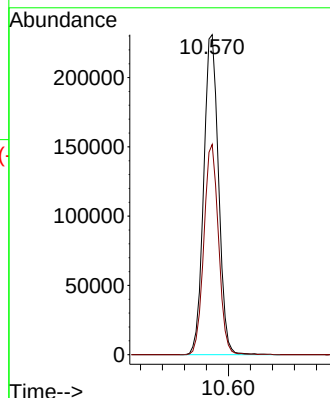
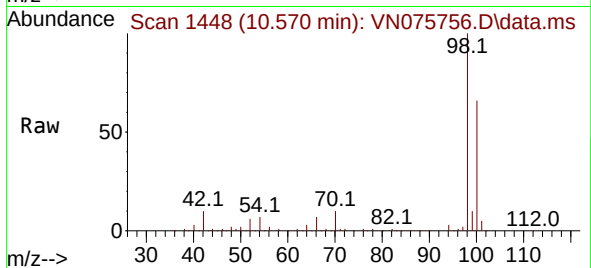




#50
Toluene-d8
Concen: 50.621 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

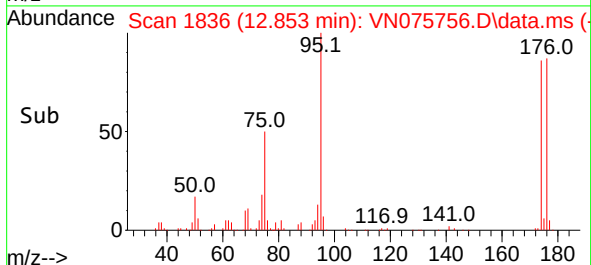
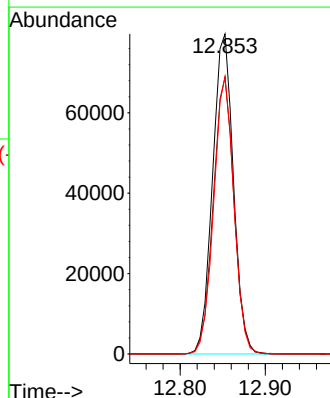
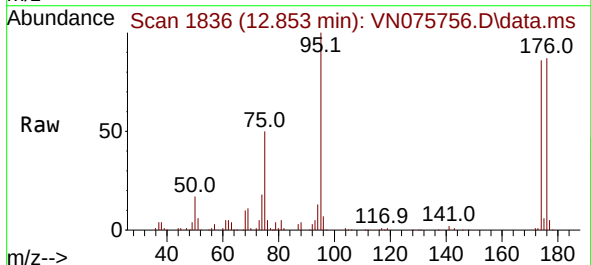
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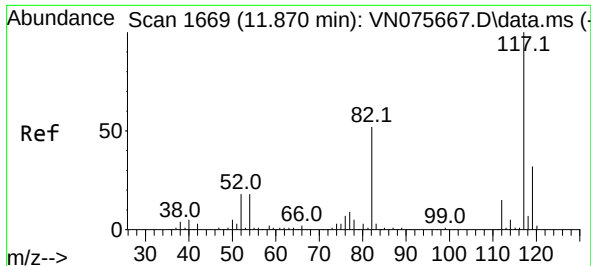
Tgt Ion: 98 Resp: 432252
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion: 95 Resp: 134883
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.6
176 84.2 0.0 170.8

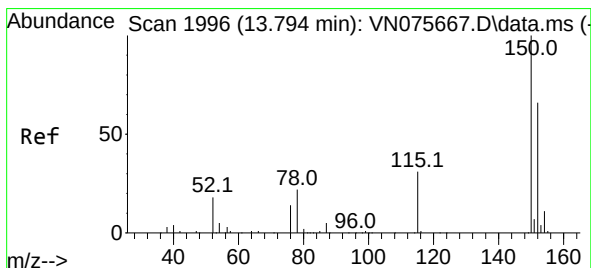
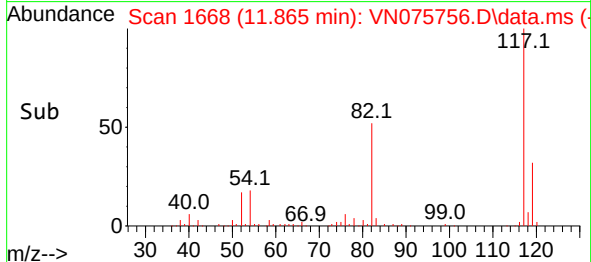
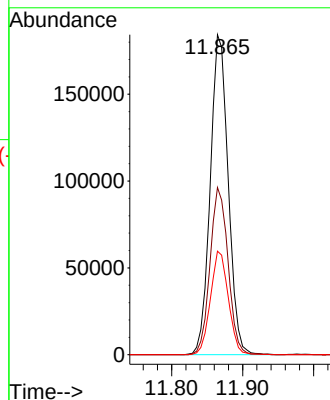
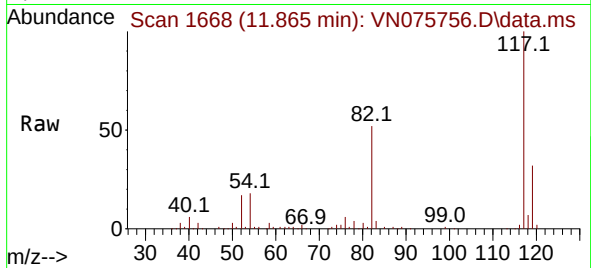




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
TB-01-121222

Tgt Ion:117 Resp: 323158
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075756.D
Acq: 13 Dec 2022 11:15

Tgt Ion:152 Resp: 137964
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 157.3 0.0 347.6

