

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075757.D
 Acq On : 13 Dec 2022 11:39
 Operator : JC\MD
 Sample : N6027-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-148-162-121222

Quant Time: Dec 13 13:05:56 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)

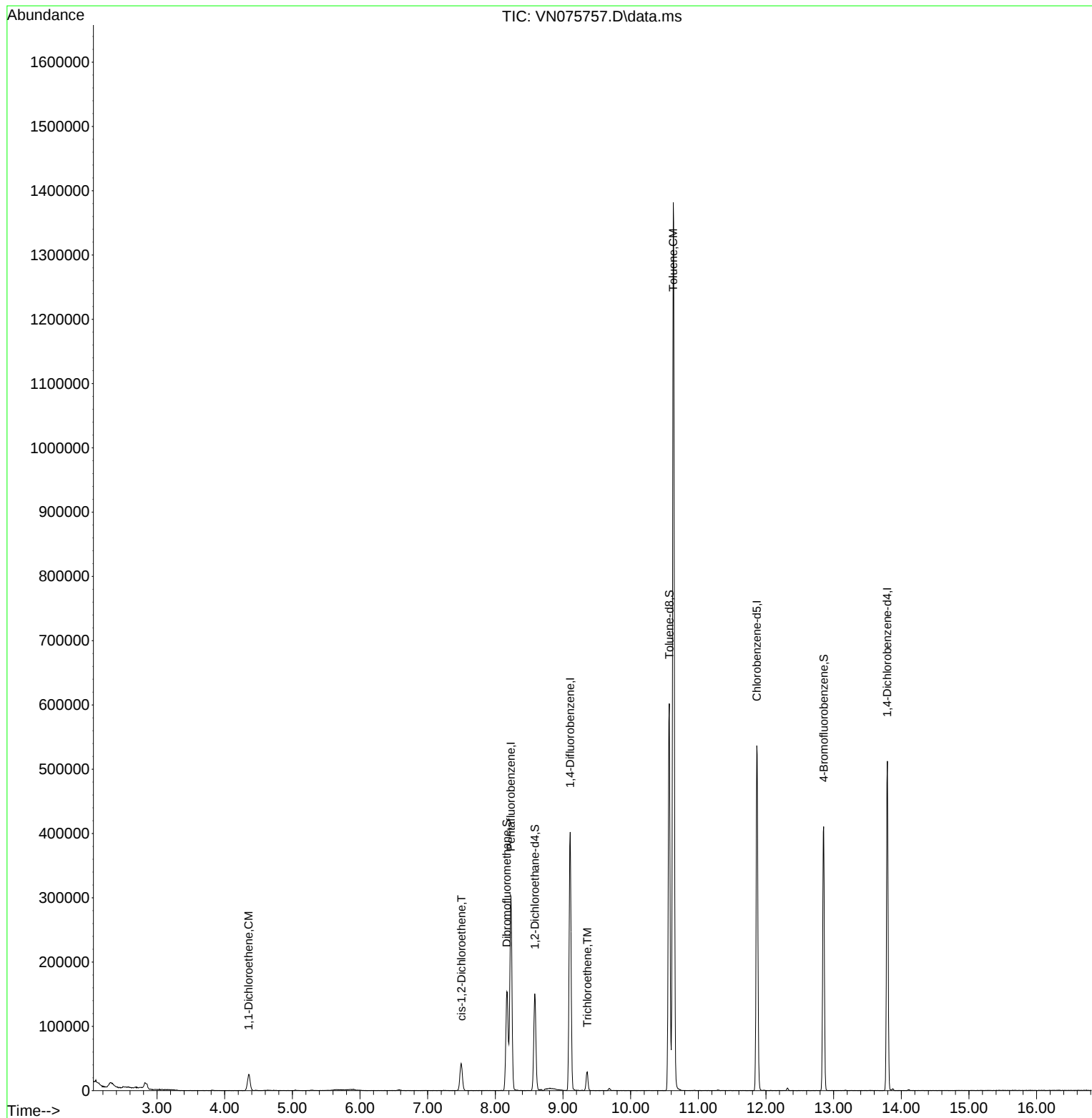
Internal Standards						
1) Pentafluorobenzene	8.230	168	236412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	372930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120074	47.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	8.171	113	113066	49.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.571	98	433069	50.682	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.853	95	139607	47.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.353	96	16561	8.177	ug/l	92
27) cis-1,2-Dichloroethene	7.500	96	28031	10.202	ug/l	89
44) Trichloroethene	9.359	130	11301	4.320	ug/l	98
52) Toluene	10.630	92	646841	105.546	ug/l	98

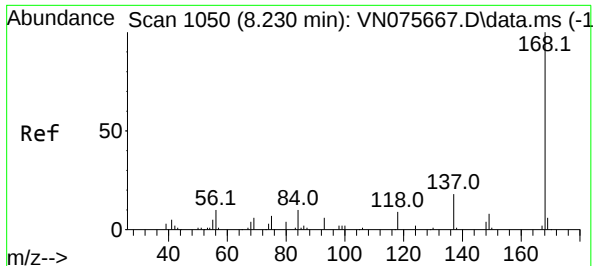
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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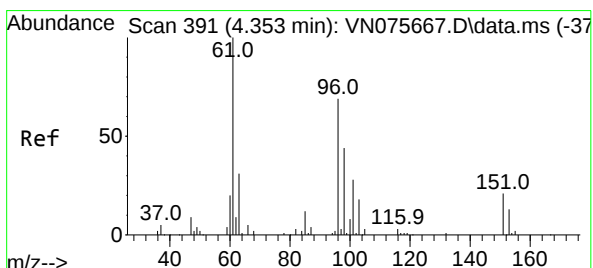
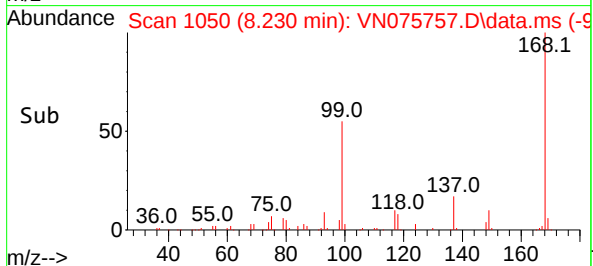
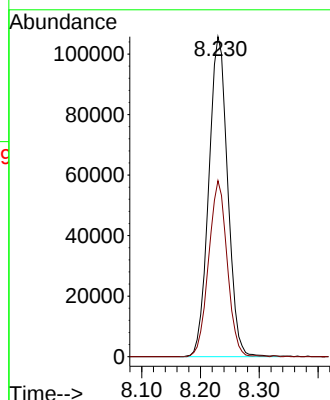
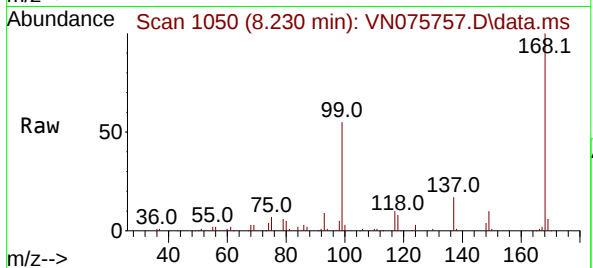




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

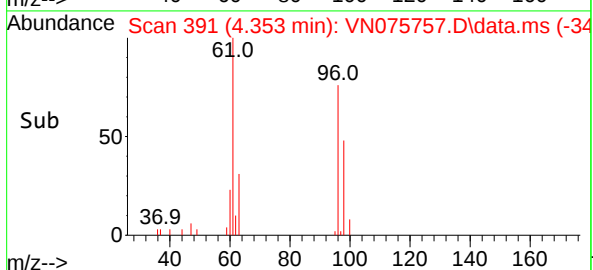
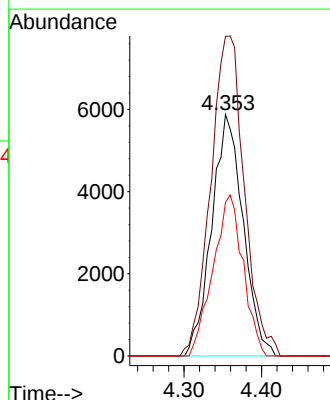
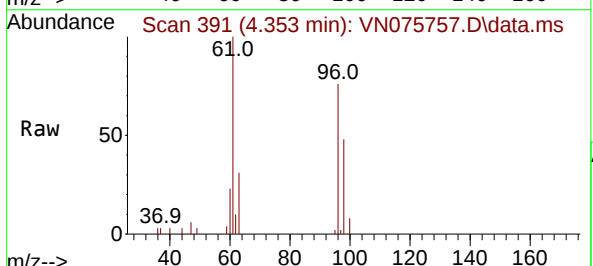
Instrument :
MSVOA_N
ClientSampleId :
GW-BR-04-148-162-121222

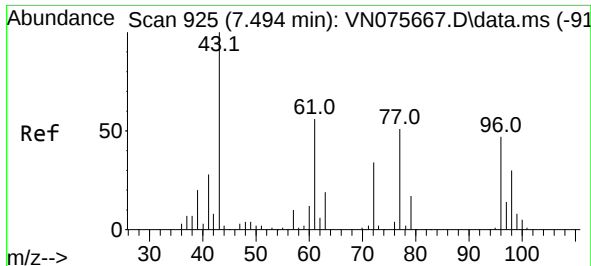
Tgt Ion:168 Resp: 236412
Ion Ratio Lower Upper
168 100
99 55.0 41.2 61.8



#12
1,1-Dichloroethene
Concen: 8.177 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

Tgt Ion: 96 Resp: 16561
Ion Ratio Lower Upper
96 100
61 132.4 116.8 175.2
98 63.5 51.6 77.4

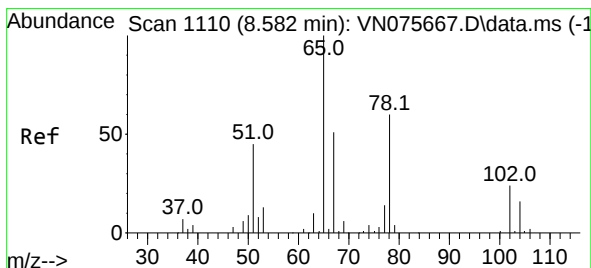
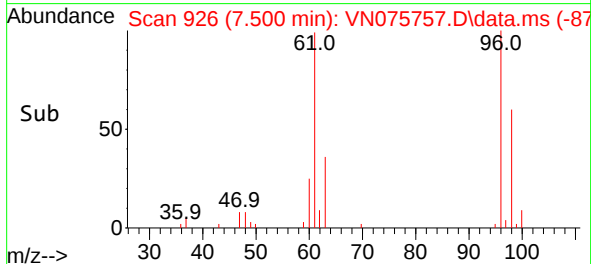
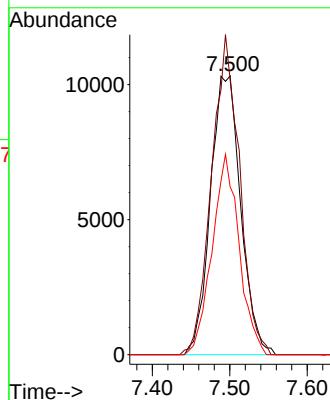
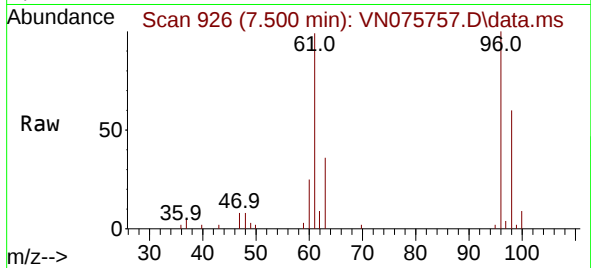




#27
 cis-1,2-Dichloroethene
 Concen: 10.202 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN075757.D
 Acq: 13 Dec 2022 11:39

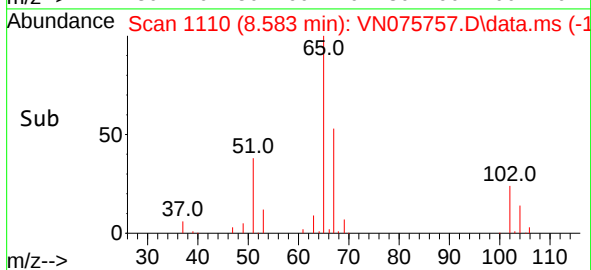
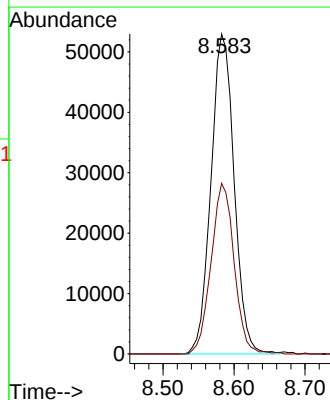
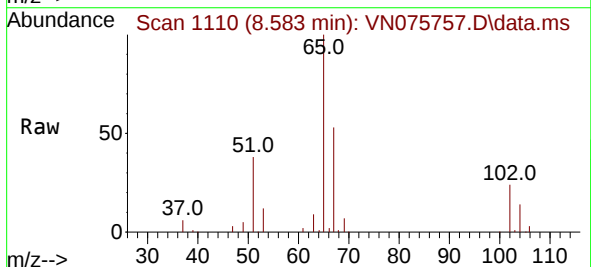
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-148-162-121222

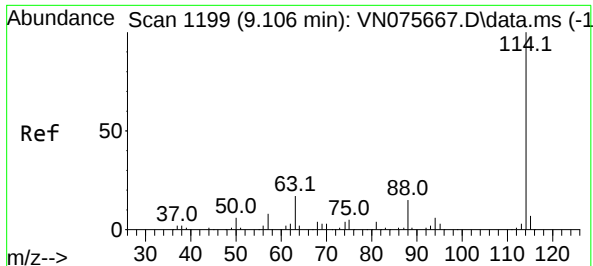
Tgt Ion: 96 Resp: 28031
 Ion Ratio Lower Upper
 96 100
 61 106.2 0.0 247.8
 98 64.1 0.0 126.0



#33
 1,2-Dichloroethane-d4
 Concen: 47.869 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075757.D
 Acq: 13 Dec 2022 11:39

Tgt Ion: 65 Resp: 120074
 Ion Ratio Lower Upper
 65 100
 67 53.0 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: VN075757.D

Acq: 13 Dec 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

GW-BR-04-148-162-121222

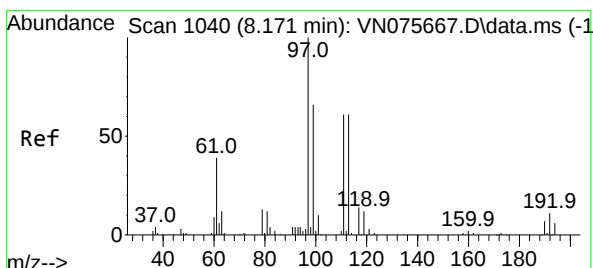
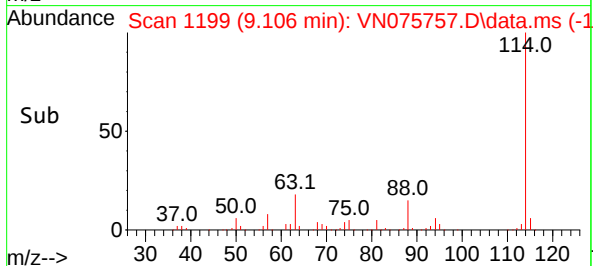
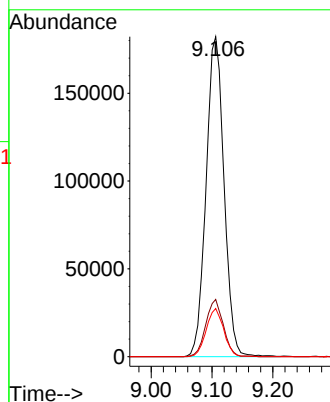
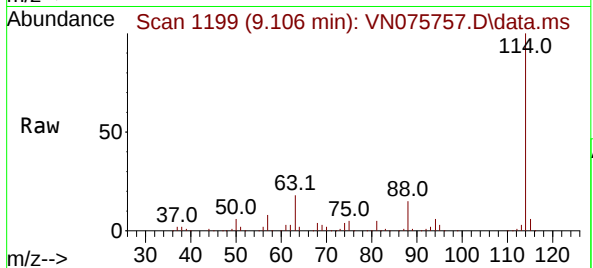
Tgt Ion:114 Resp: 372930

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.693 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075757.D

Acq: 13 Dec 2022 11:39

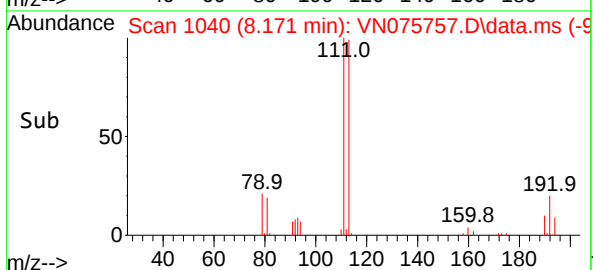
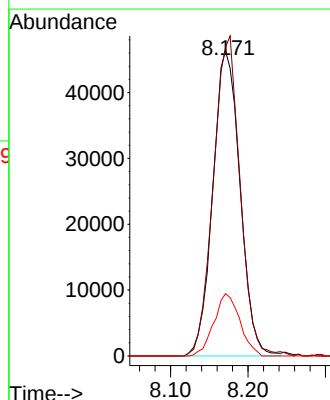
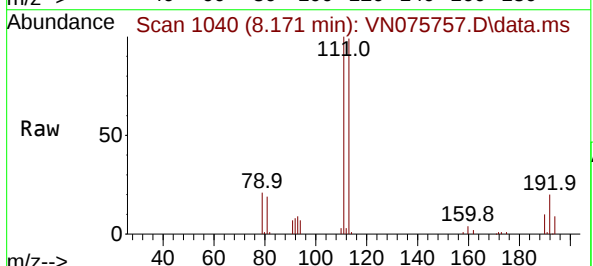
Tgt Ion:113 Resp: 113066

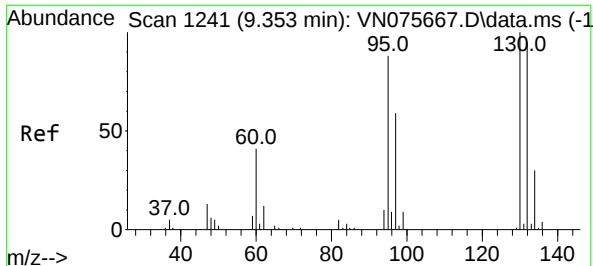
Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.6

192 19.5 16.2 24.2

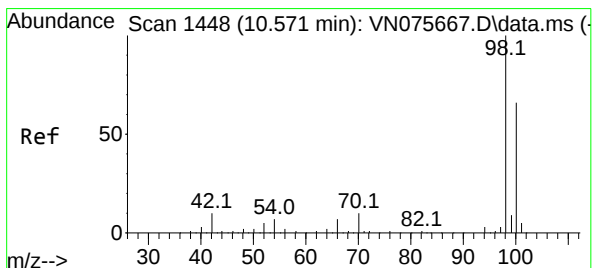
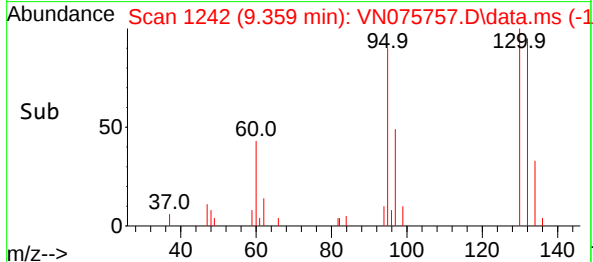
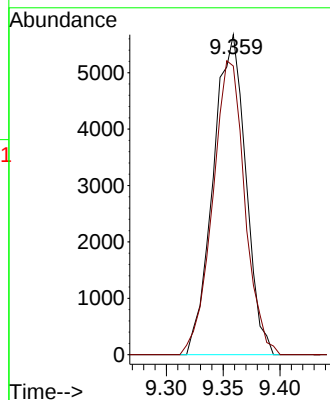
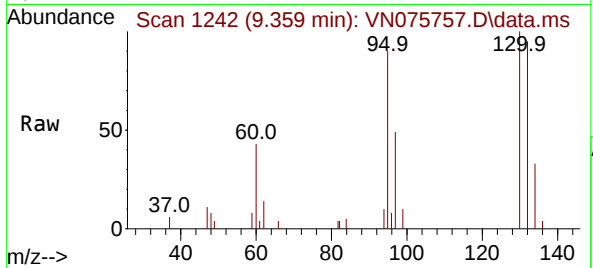




#44
Trichloroethene
Concen: 4.320 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

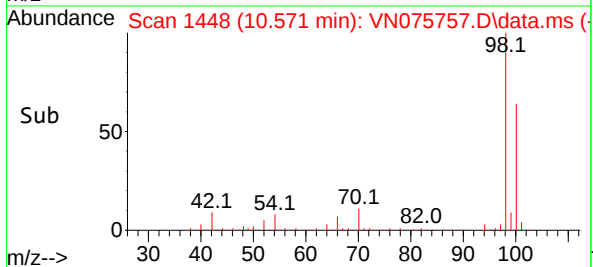
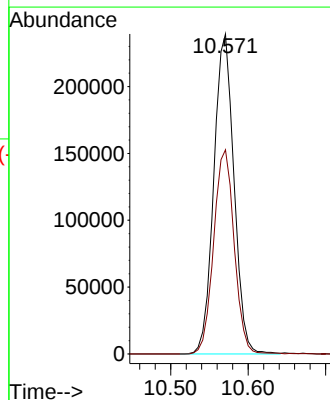
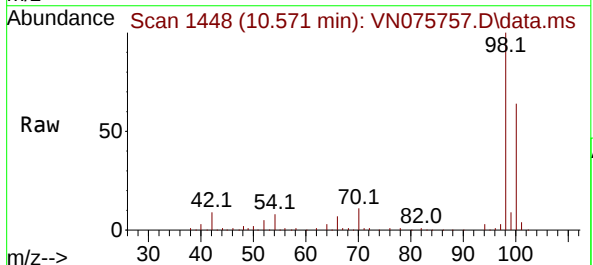
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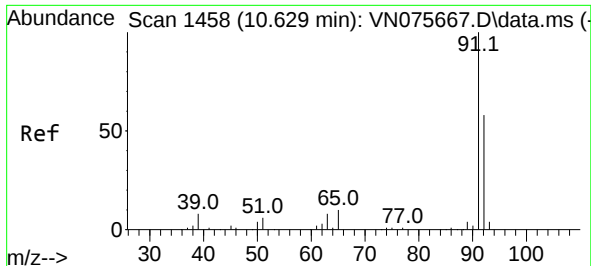
Tgt Ion:130 Resp: 11301
Ion Ratio Lower Upper
130 100
95 90.2 0.0 176.8



#50
Toluene-d8
Concen: 50.682 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

Tgt Ion: 98 Resp: 433069
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

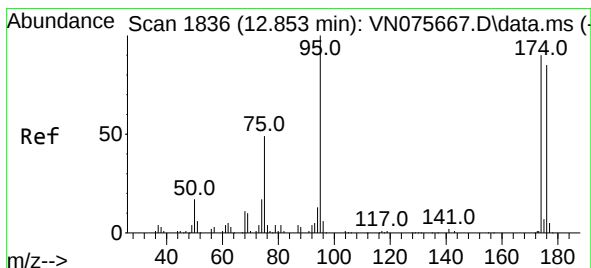
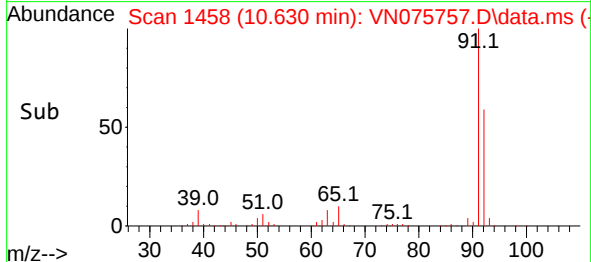
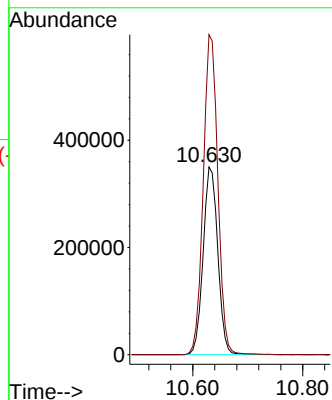
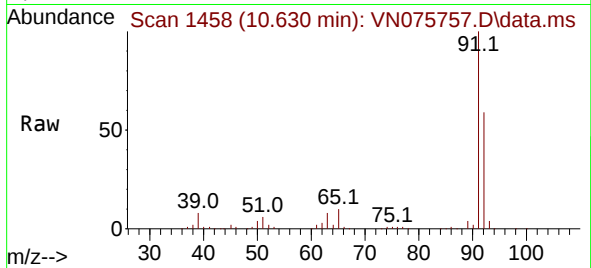




#52
Toluene
Concen: 105.546 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

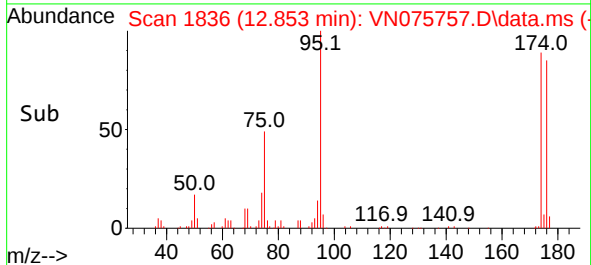
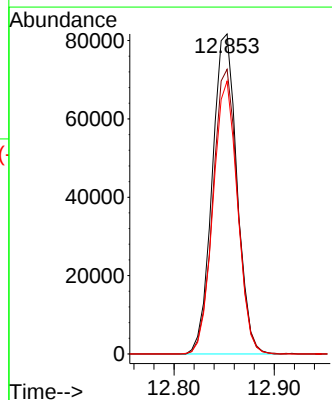
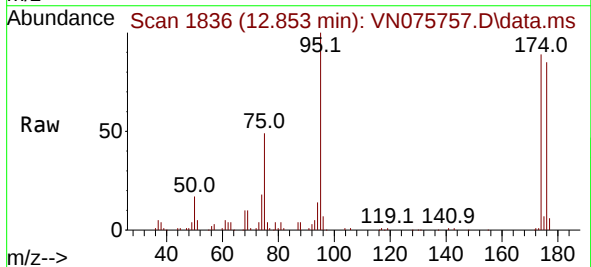
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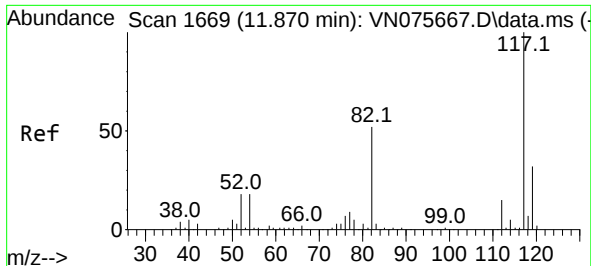
Tgt Ion: 92 Resp: 646841
Ion Ratio Lower Upper
92 100
91 169.9 137.9 206.9



#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

Tgt Ion: 95 Resp: 139607
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.6
176 84.0 0.0 170.8

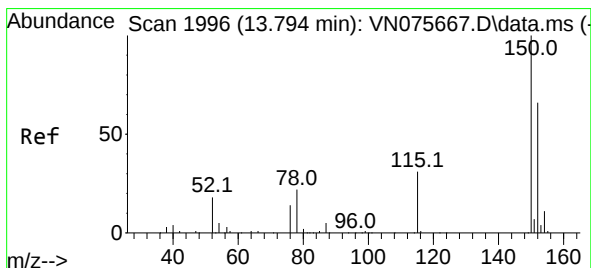
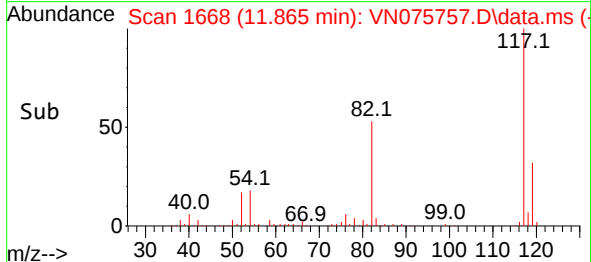
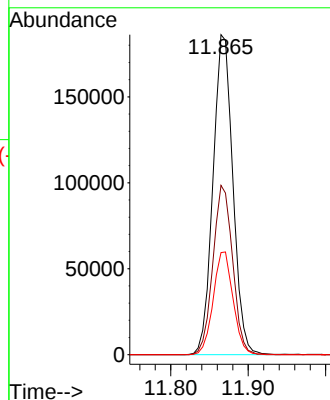
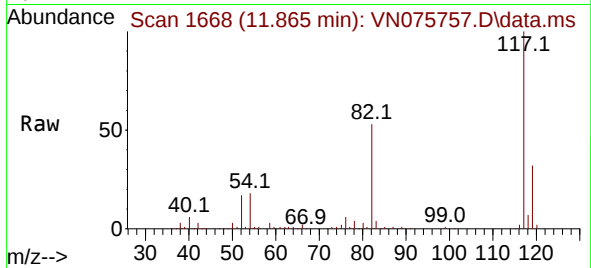




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075757.D
Acq: 13 Dec 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
GW-BR-04-148-162-121222

Tgt Ion:117 Resp: 332008
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.9 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: VN075757.D
Acq: 13 Dec 2022 11:39

Tgt Ion:152 Resp: 145673
Ion Ratio Lower Upper
152 100
115 57.4 28.4 85.2
150 157.7 0.0 347.6

