

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075848.D
 Acq On : 16 Dec 2022 15:26
 Operator : JC\MD
 Sample : N6095-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-270-289-121522

Quant Time: Dec 17 08:40:30 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)

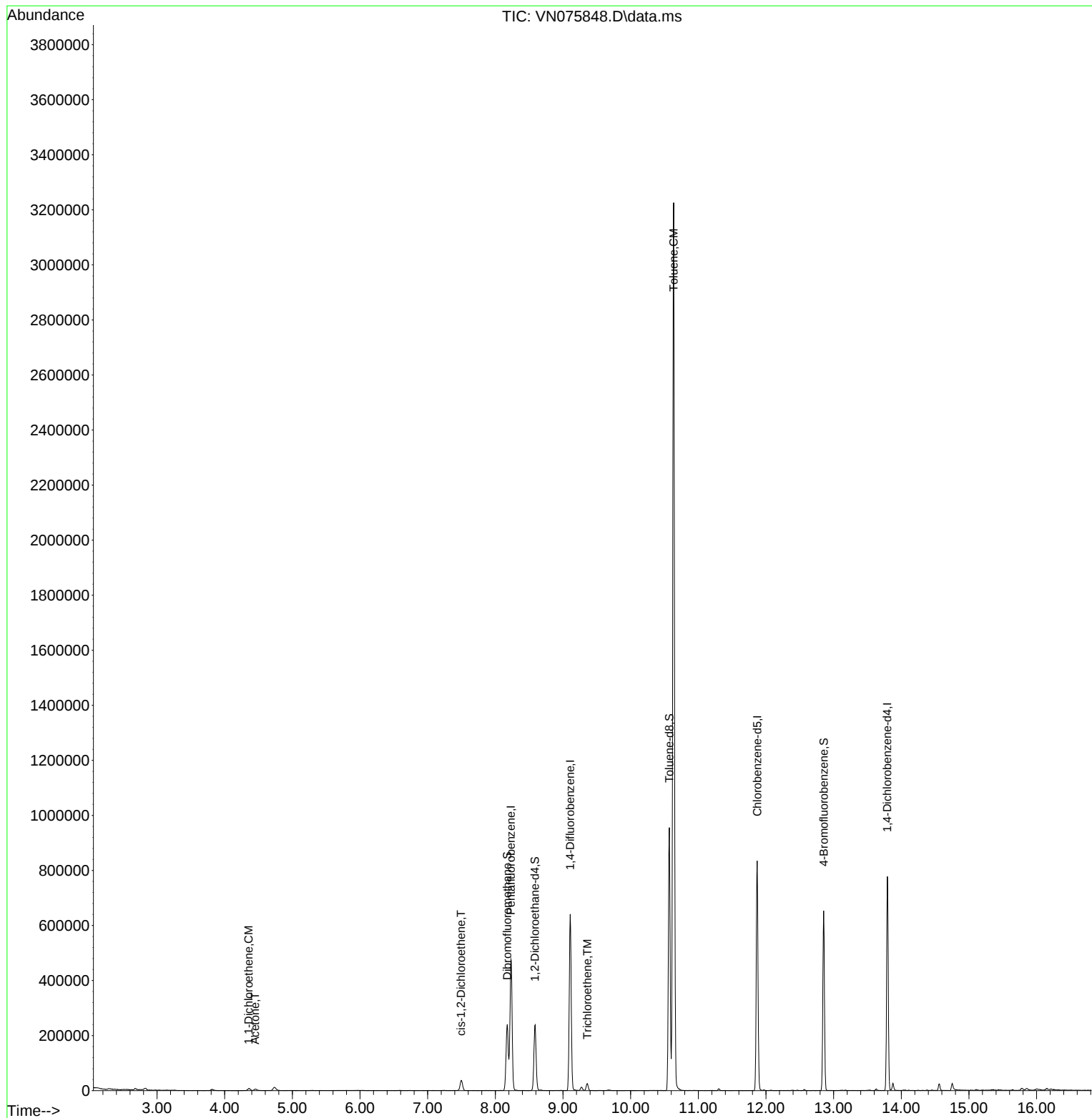
Internal Standards						
1) Pentafluorobenzene	8.230	168	373590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	192773	47.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.860%
35) Dibromofluoromethane	8.177	113	171267	46.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.940%
50) Toluene-d8	10.571	98	674676	49.488	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.853	95	217601	48.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.380%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.353	96	5505	1.663	ug/l	86
16) Acetone	4.447	43	10859	7.751	ug/l #	87
27) cis-1,2-Dichloroethene	7.494	96	22885	5.277	ug/l	94
44) Trichloroethene	9.359	130	10001	2.375	ug/l	91
52) Toluene	10.635	92	1477205	151.773	ug/l	100

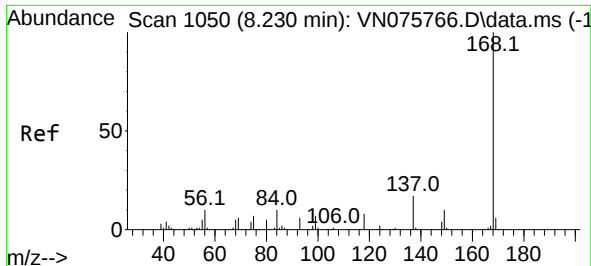
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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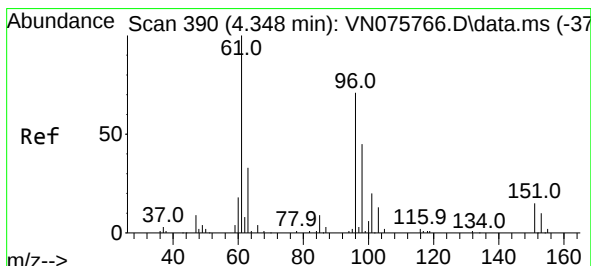
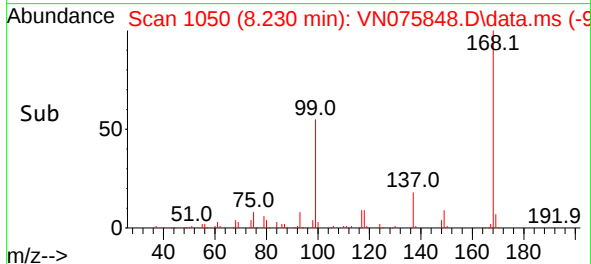
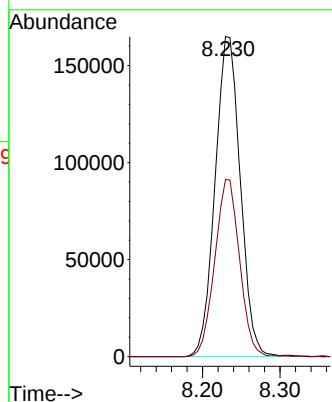
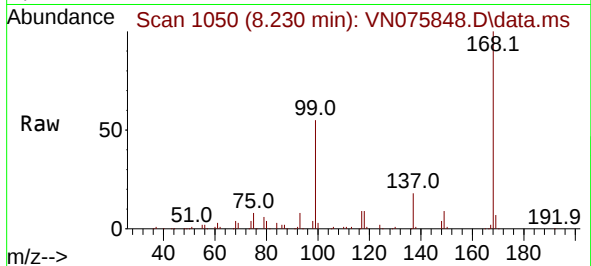




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

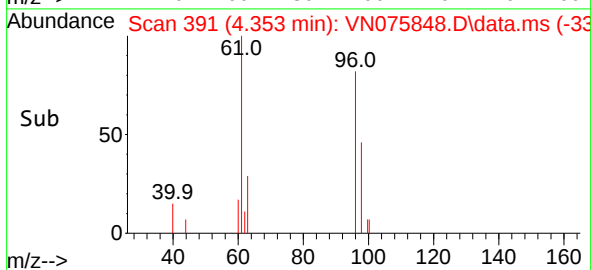
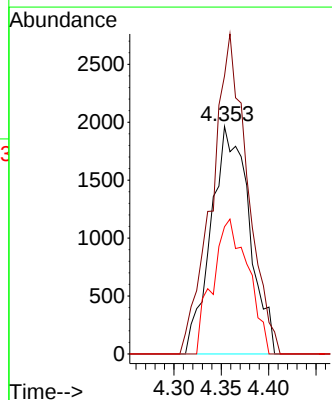
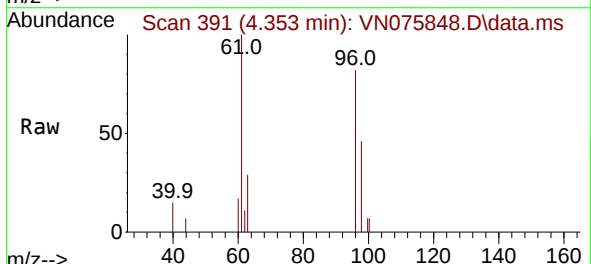
Instrument : MSVOA_N
ClientSampleId : GW-BR-04-270-289-121522

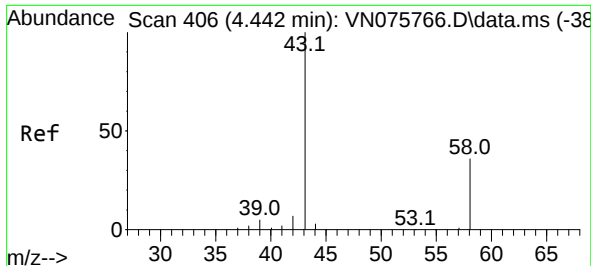
Tgt Ion:168 Resp: 373590
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#12
1,1-Dichloroethene
Concen: 1.663 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

Tgt Ion: 96 Resp: 5505
Ion Ratio Lower Upper
96 100
61 122.2 113.3 169.9
98 55.9 50.9 76.3





#16

Acetone

Concen: 7.751 ug/l

RT: 4.447 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN075848.D

Acq: 16 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

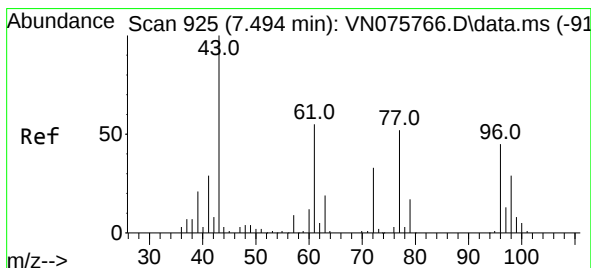
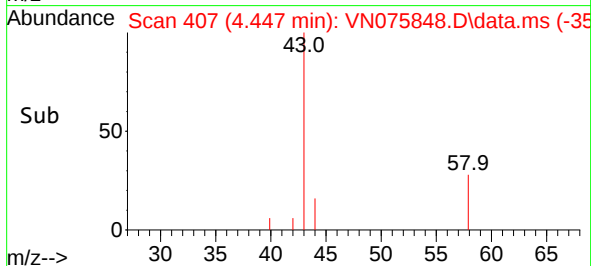
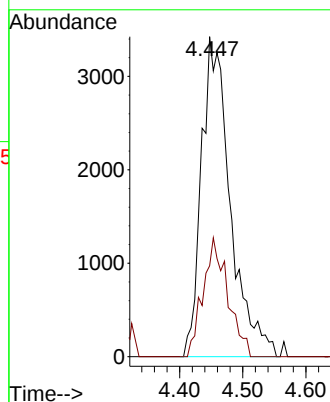
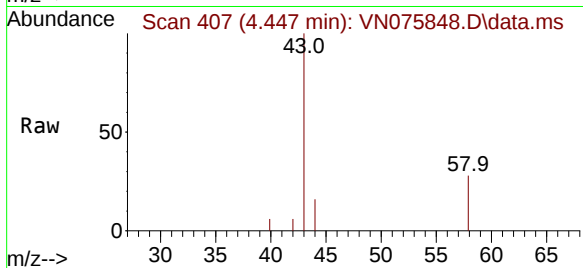
GW-BR-04-270-289-121522

Tgt Ion: 43 Resp: 10859

Ion Ratio Lower Upper

43 100

58 28.4 28.6 43.0#



#27

cis-1,2-Dichloroethene

Concen: 5.277 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075848.D

Acq: 16 Dec 2022 15:26

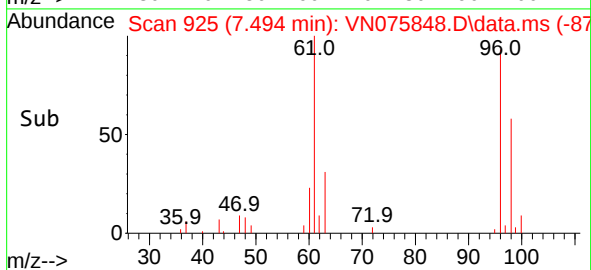
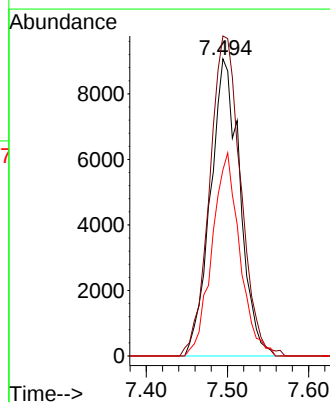
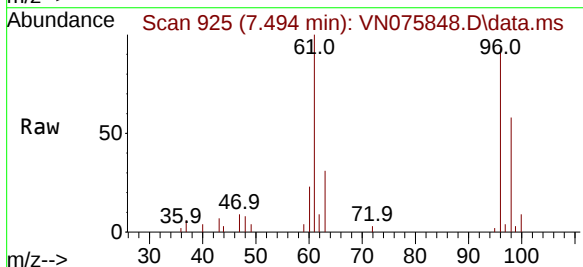
Tgt Ion: 96 Resp: 22885

Ion Ratio Lower Upper

96 100

61 113.4 0.0 247.8

98 64.3 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 47.431 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075848.D

Acq: 16 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

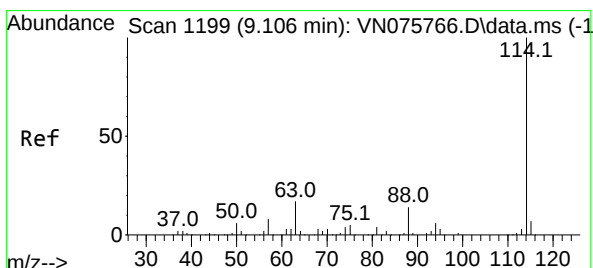
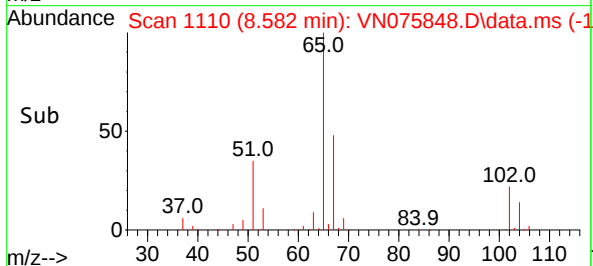
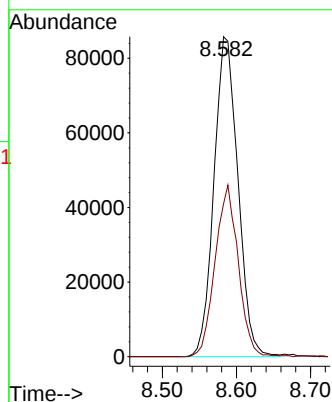
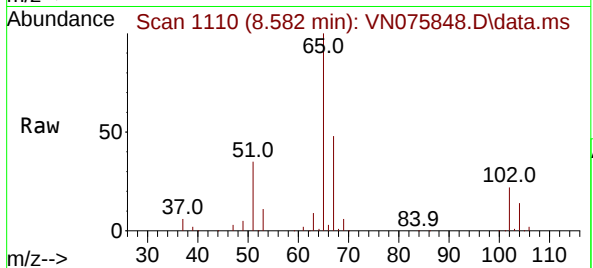
GW-BR-04-270-289-121522

Tgt Ion: 65 Resp: 192773

Ion Ratio Lower Upper

65 100

67 51.8 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: VN075848.D

Acq: 16 Dec 2022 15:26

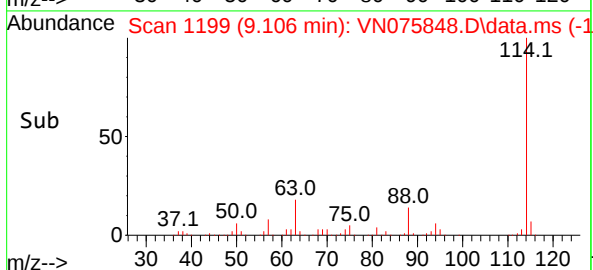
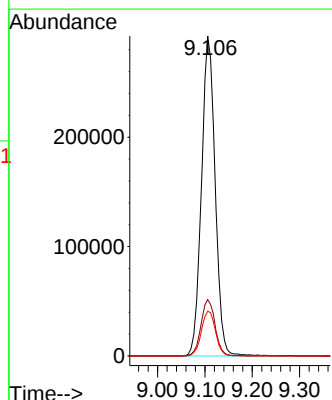
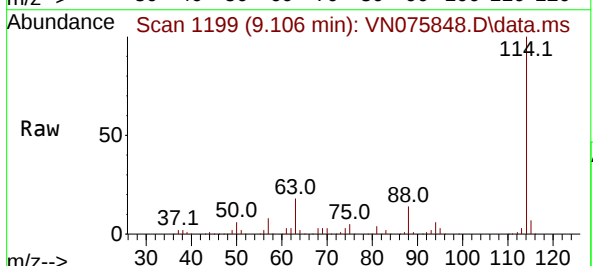
Tgt Ion: 114 Resp: 588787

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.970 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075848.D

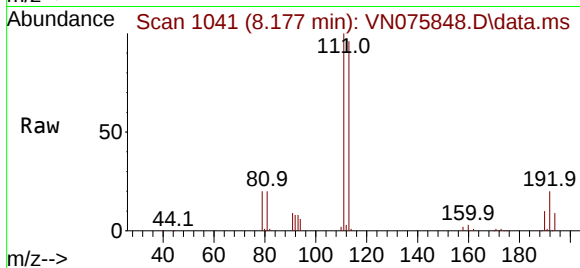
Acq: 16 Dec 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

GW-BR-04-270-289-121522



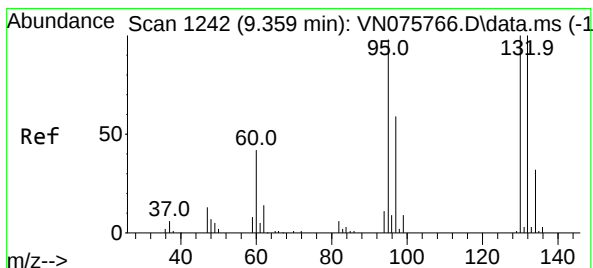
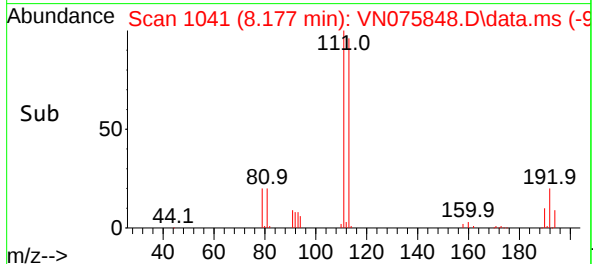
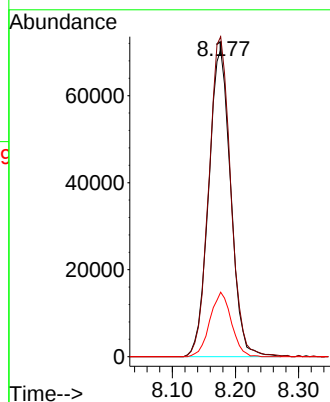
Tgt Ion:113 Resp: 171267

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 20.4 16.1 24.1



#44

Trichloroethene

Concen: 2.375 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075848.D

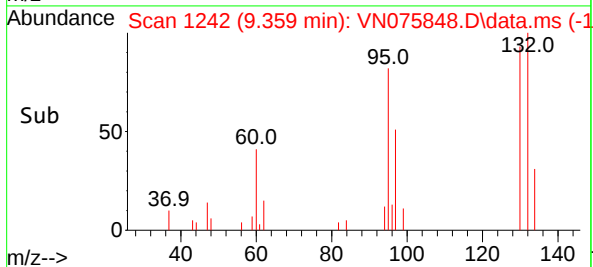
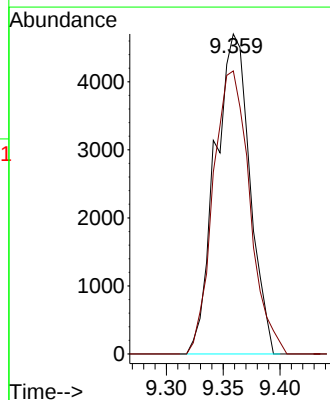
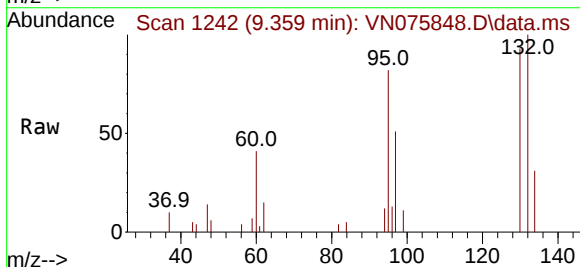
Acq: 16 Dec 2022 15:26

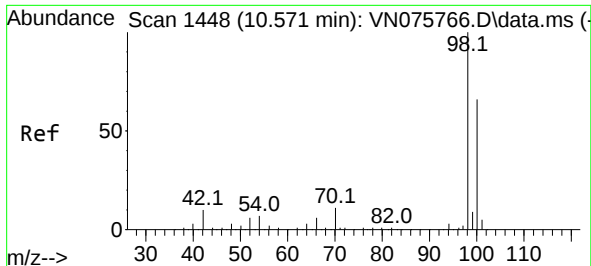
Tgt Ion:130 Resp: 10001

Ion Ratio Lower Upper

130 100

95 88.5 0.0 195.4

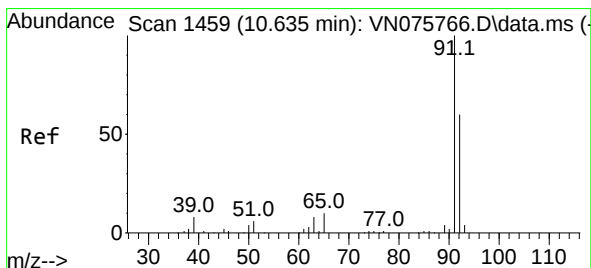
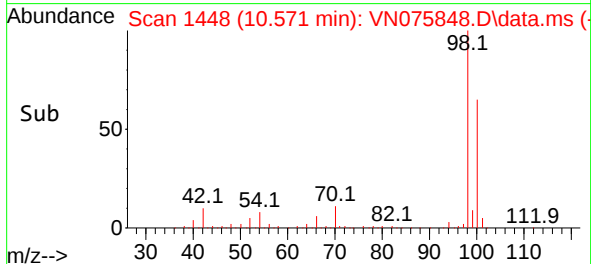
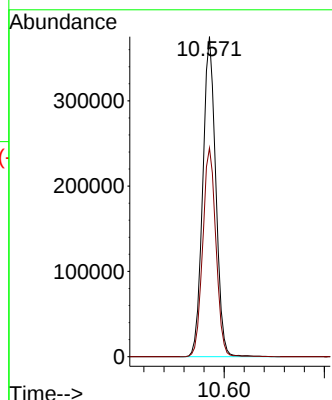
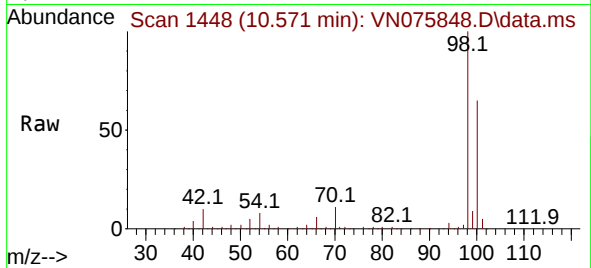




#50
Toluene-d8
Concen: 49.488 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

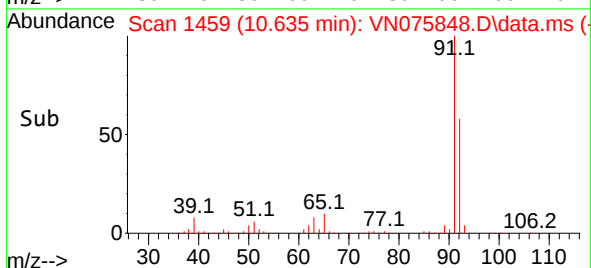
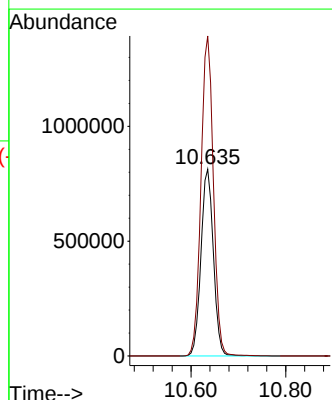
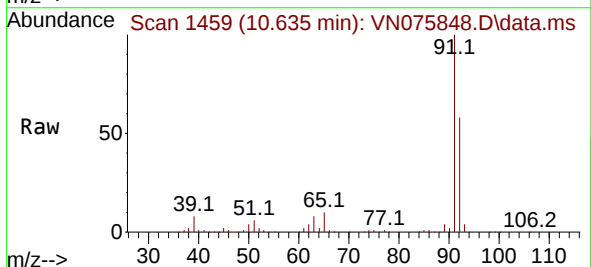
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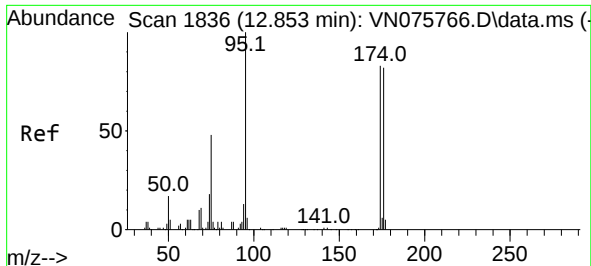
Tgt Ion: 98 Resp: 674676
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#52
Toluene
Concen: 151.773 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

Tgt Ion: 92 Resp: 1477205
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9

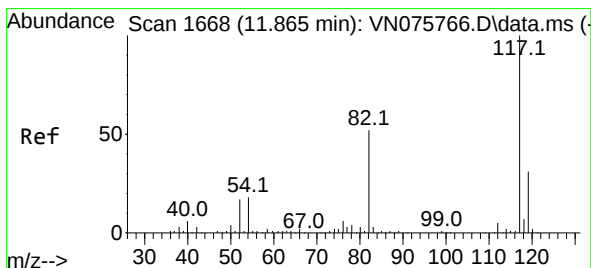
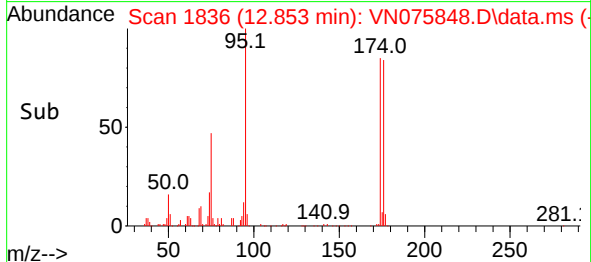
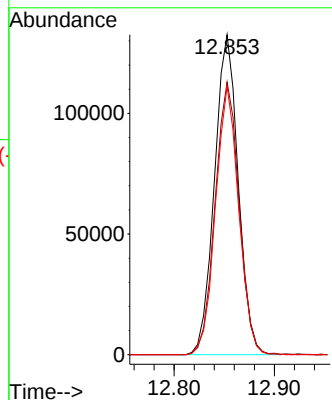
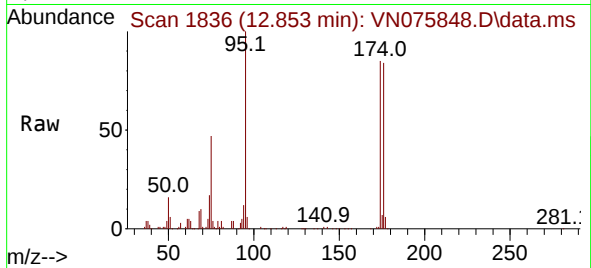




#62
4-Bromofluorobenzene
Concen: 48.191 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

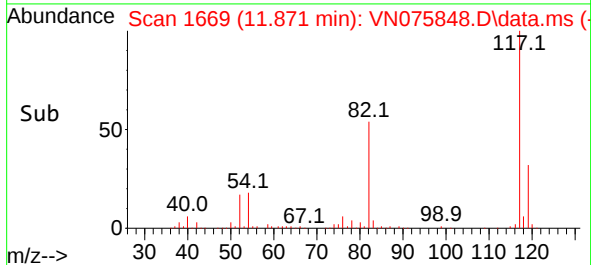
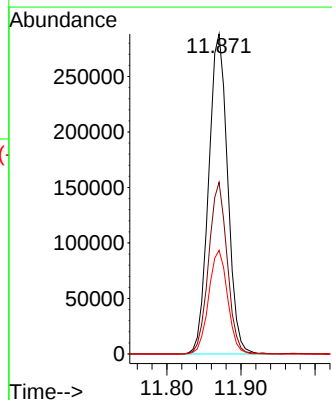
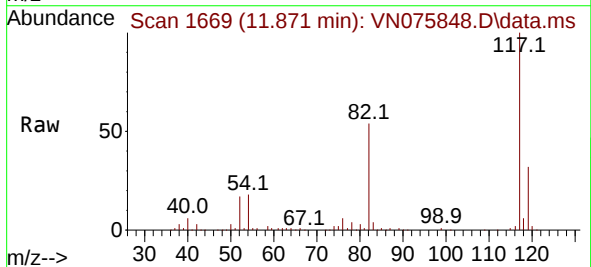
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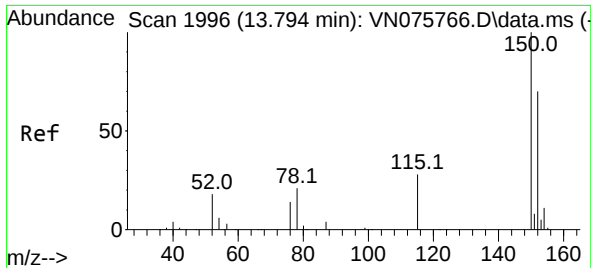
Tgt Ion: 95 Resp: 217601
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 82.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075848.D
Acq: 16 Dec 2022 15:26

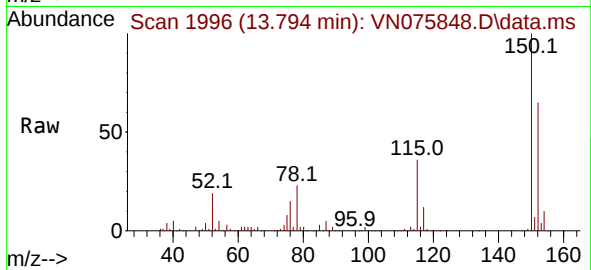
Tgt Ion: 117 Resp: 513133
Ion Ratio Lower Upper
117 100
82 53.7 41.3 61.9
119 32.4 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075848.D
 Acq: 16 Dec 2022 15:26

Instrument : MSVOA_N
 ClientSampleId : GW-BR-04-270-289-121522



Tgt Ion:152 Resp: 225025
 Ion Ratio Lower Upper
 152 100
 115 56.2 29.1 87.4
 150 154.9 0.0 347.0

