

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075646.D
 Acq On : 08 Dec 2022 14:32
 Operator : JC\MD
 Sample : N5944-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

Quant Time: Dec 09 02:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

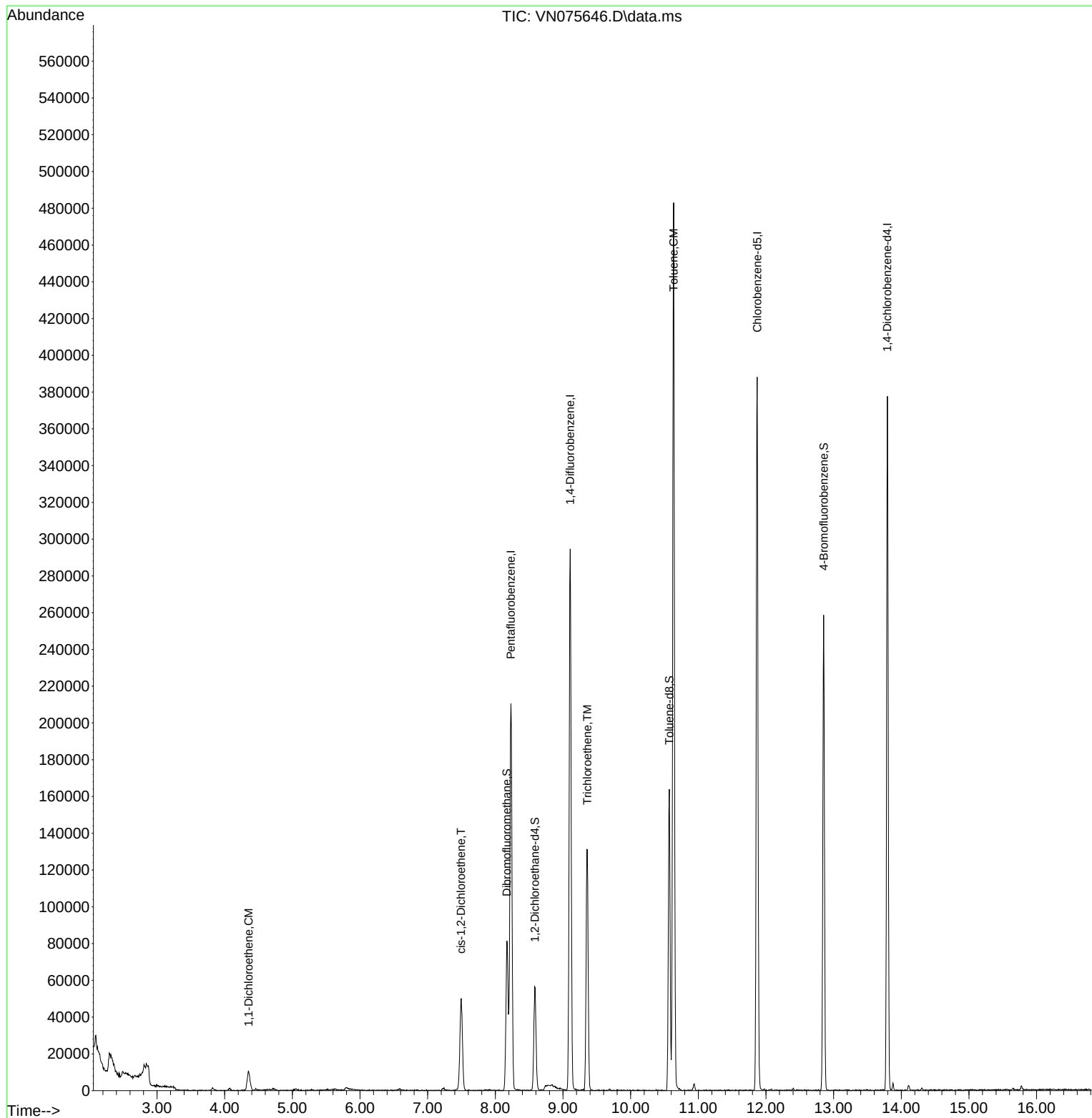
Internal Standards						
1) Pentafluorobenzene	8.229	168	165847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	240482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45865	51.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.040%	
35) Dibromofluoromethane	8.171	113	57663	53.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.320%	
50) Toluene-d8	10.570	98	117523	48.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.853	95	84467	46.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.700%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.353	96	6645	4.327	ug/l #	78
27) cis-1,2-Dichloroethene	7.494	96	32331	16.336	ug/l	84
44) Trichloroethene	9.359	130	51179	25.828	ug/l	92
52) Toluene	10.635	92	220225	47.190	ug/l	99

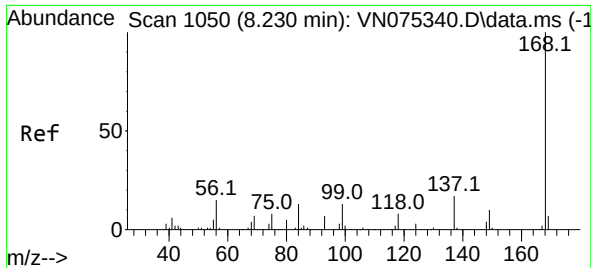
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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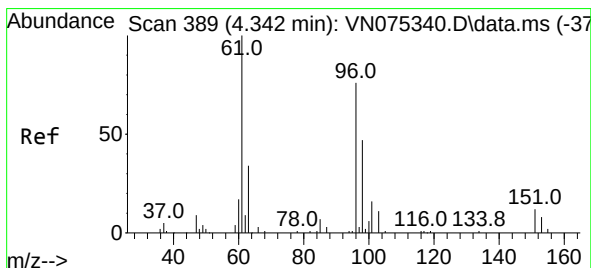
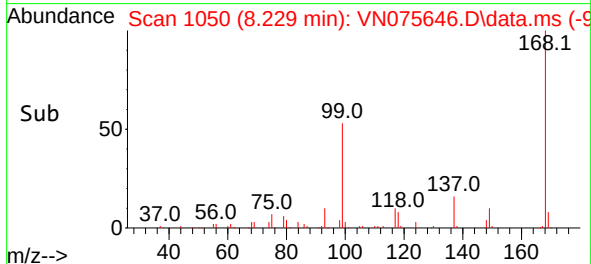
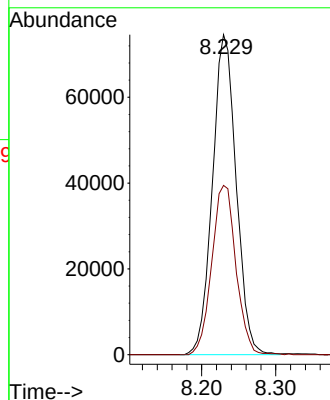
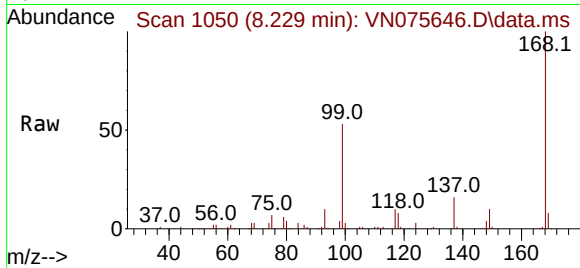




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

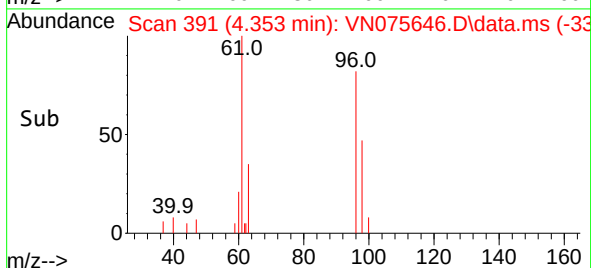
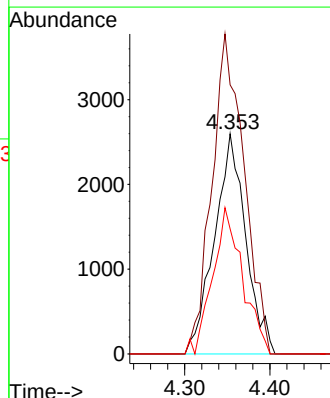
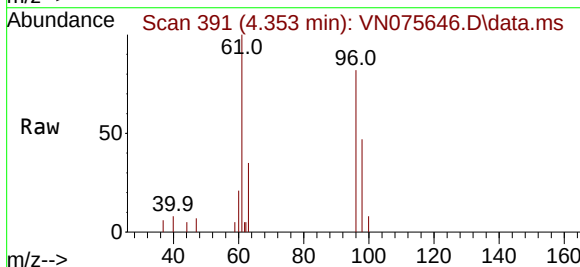
Instrument : MSVOA_N
ClientSampleId : GW-BR-04-100-114-120722

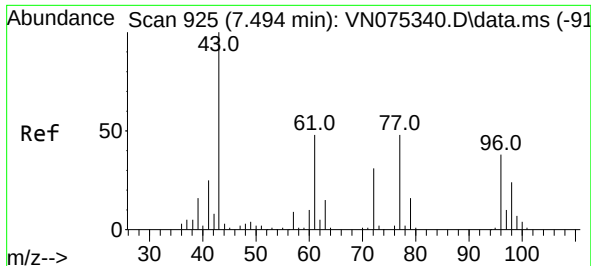
Tgt Ion:168 Resp: 165847
Ion Ratio Lower Upper
168 100
99 52.9 51.6 77.4



#12
1,1-Dichloroethene
Concen: 4.327 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

Tgt Ion: 96 Resp: 6645
Ion Ratio Lower Upper
96 100
61 122.3 126.2 189.4#
98 56.9 51.5 77.3

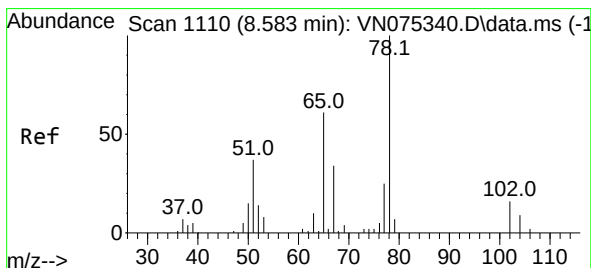
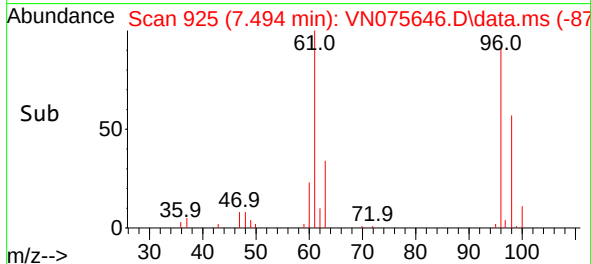
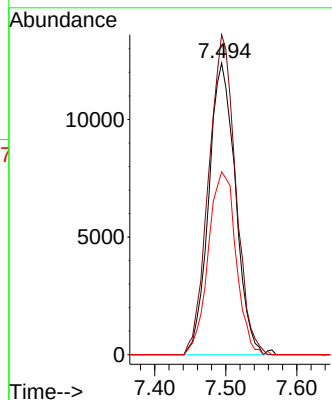
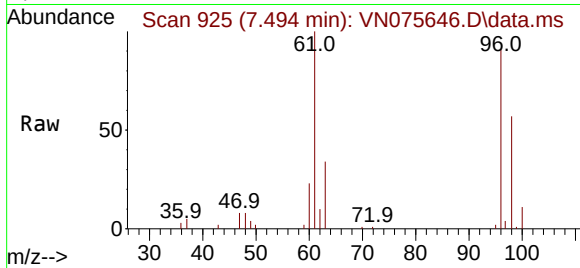




#27
 cis-1,2-Dichloroethene
 Concen: 16.336 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075646.D
 Acq: 08 Dec 2022 14:32

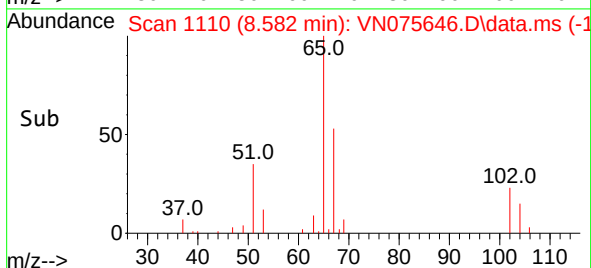
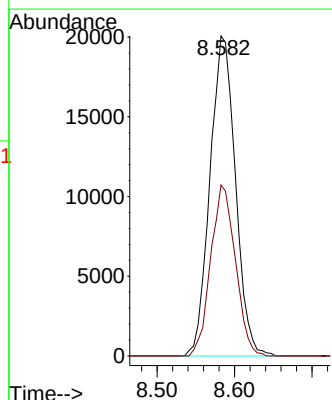
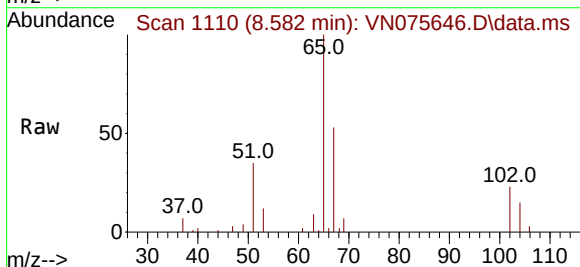
Instrument :
 MSVOA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

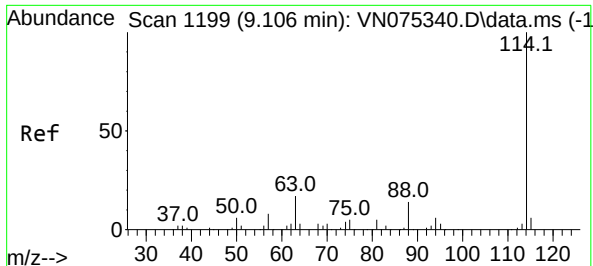
Tgt Ion: 96 Resp: 32331
 Ion Ratio Lower Upper
 96 100
 61 111.1 0.0 278.8
 98 65.1 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 51.520 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.001 min
 Lab File: VN075646.D
 Acq: 08 Dec 2022 14:32

Tgt Ion: 65 Resp: 45865
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0

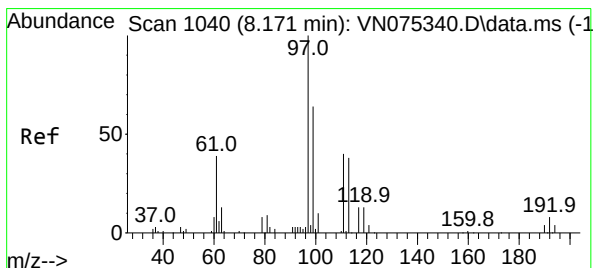
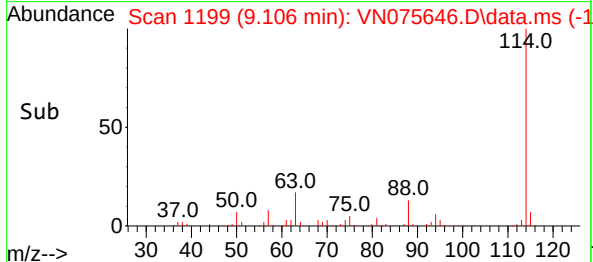
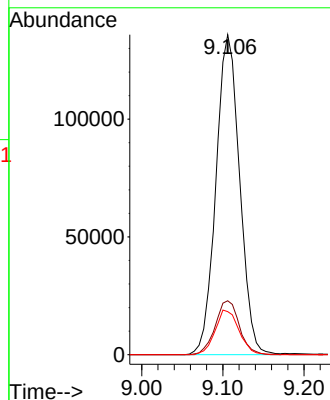
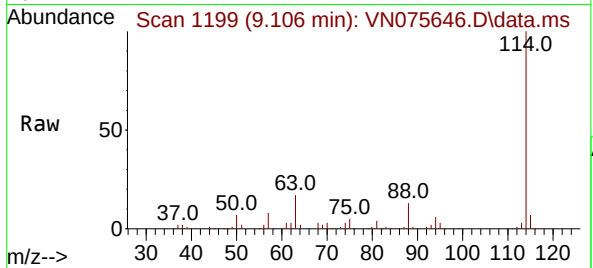




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

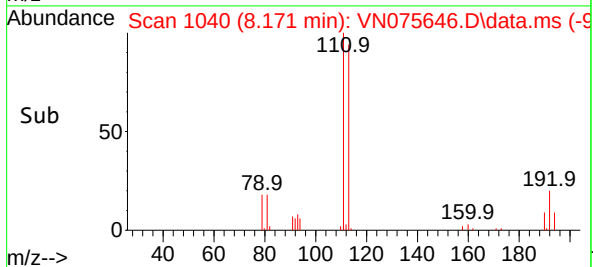
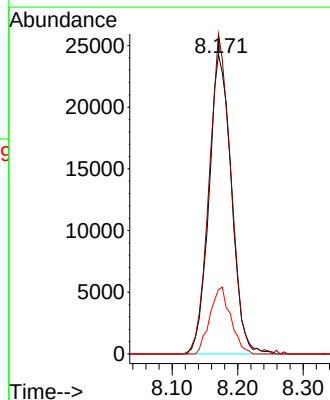
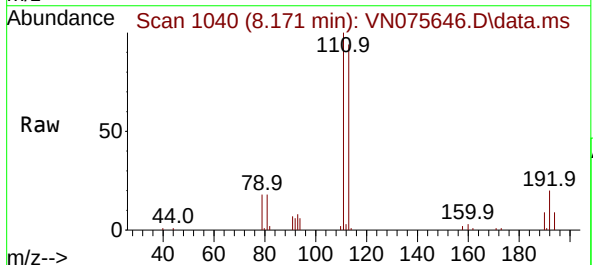
Instrument :
MSVOA_N
ClientSampleId :
GW-BR-04-100-114-120722

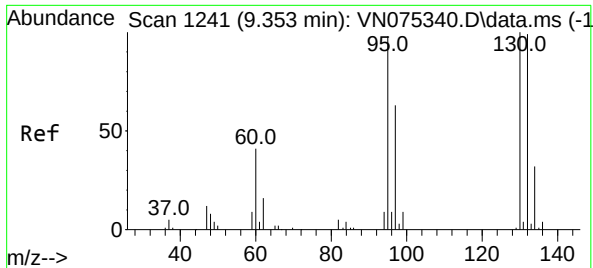
Tgt Ion:114 Resp: 276104
Ion Ratio Lower Upper
114 100
63 16.9 0.0 39.6
88 13.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.164 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

Tgt Ion:113 Resp: 57663
Ion Ratio Lower Upper
113 100
111 103.8 80.5 120.7
192 20.7 13.2 19.8#

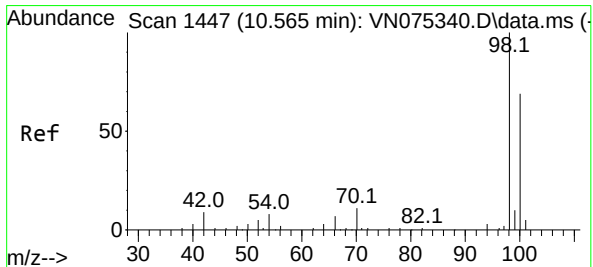
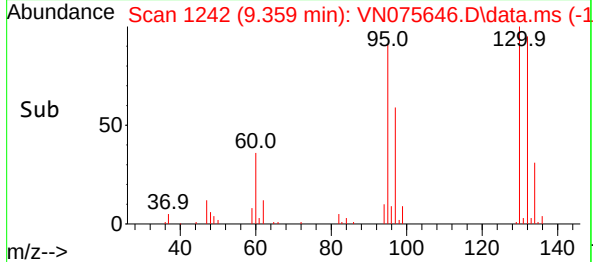
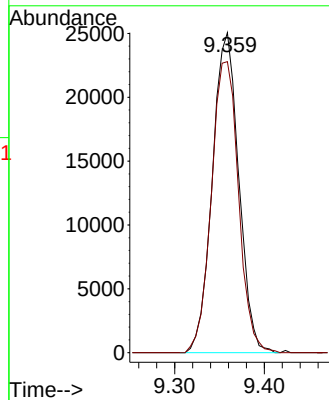
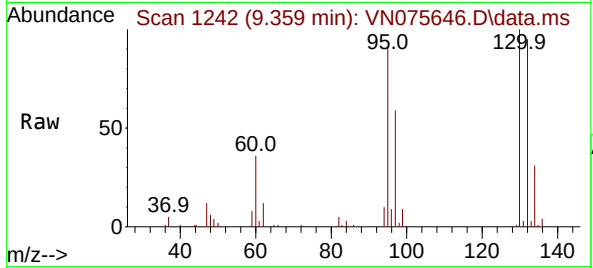




#44
Trichloroethene
Concen: 25.828 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

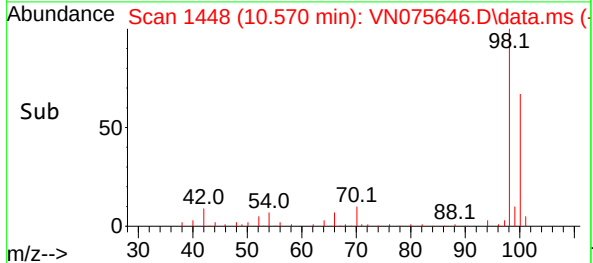
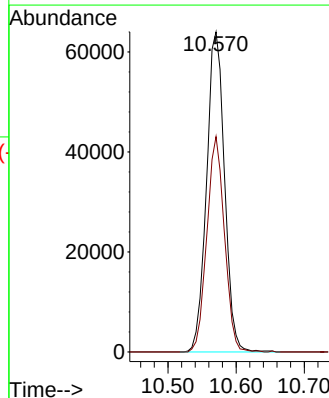
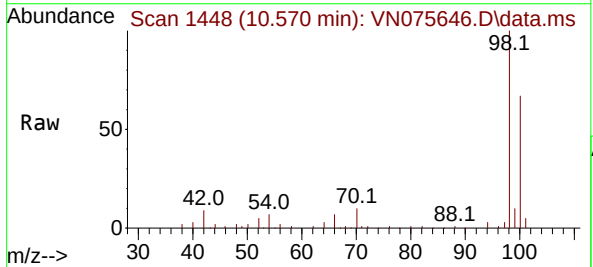
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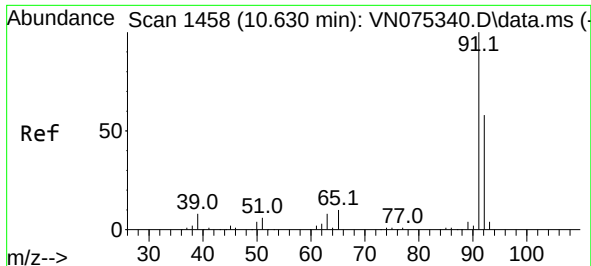
Tgt Ion:130 Resp: 51179
Ion Ratio Lower Upper
130 100
95 91.0 0.0 198.4



#50
Toluene-d8
Concen: 48.108 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

Tgt Ion: 98 Resp: 117523
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

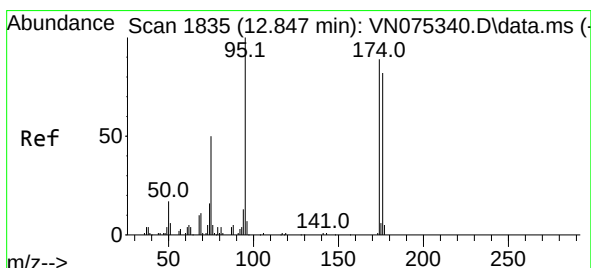
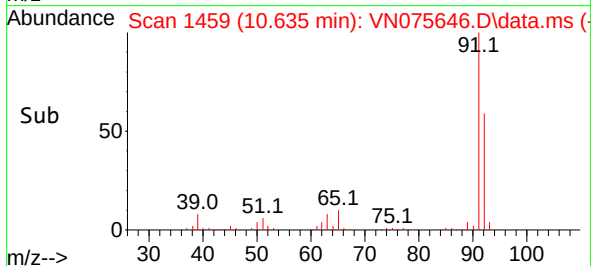
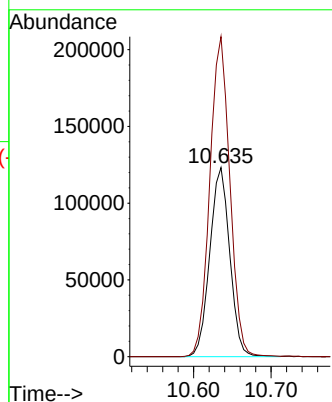
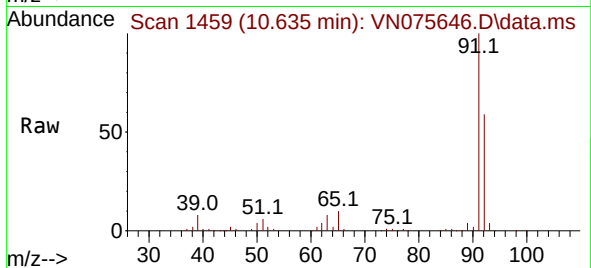




#52
Toluene
Concen: 47.190 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

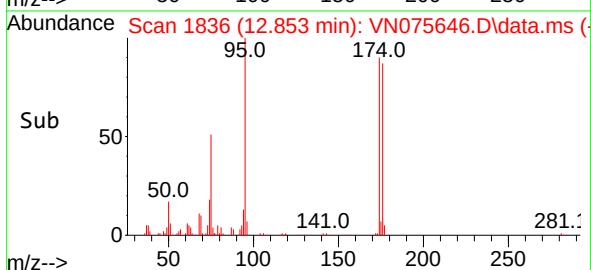
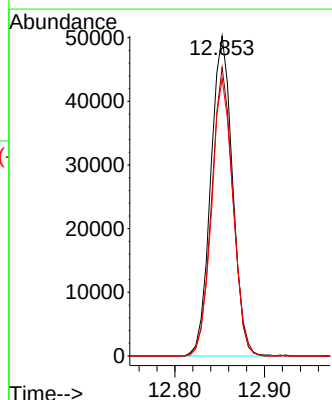
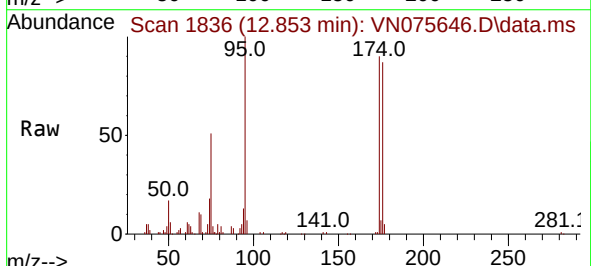
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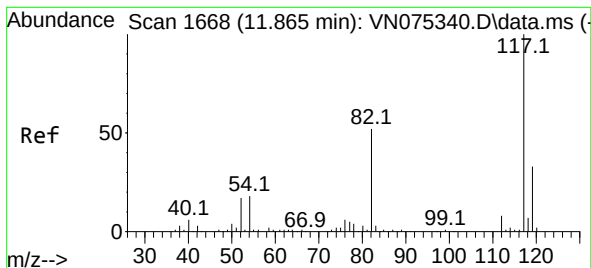
Tgt Ion: 92 Resp: 220225
Ion Ratio Lower Upper
92 100
91 170.0 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 46.845 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075646.D
Acq: 08 Dec 2022 14:32

Tgt Ion: 95 Resp: 84467
Ion Ratio Lower Upper
95 100
174 88.1 0.0 147.4
176 85.4 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN075646.D

Acq: 08 Dec 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

GW-BR-04-100-114-120722

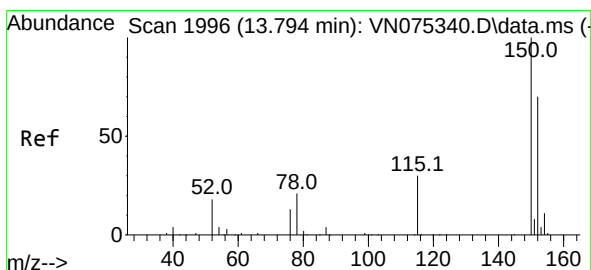
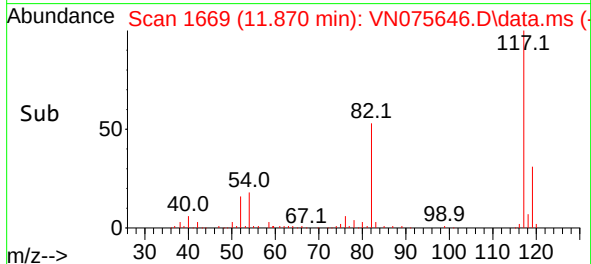
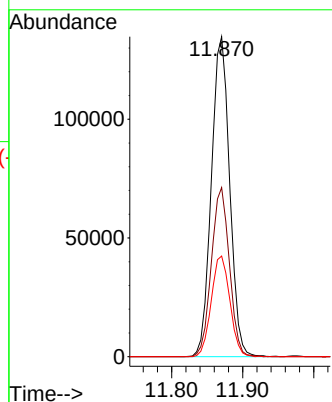
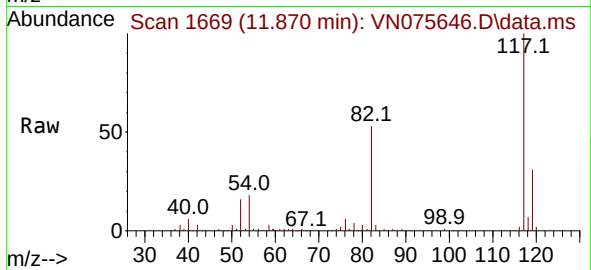
Tgt Ion:117 Resp: 240482

Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075646.D

Acq: 08 Dec 2022 14:32

Tgt Ion:152 Resp: 107318

Ion Ratio Lower Upper

152 100

115 58.0 30.2 90.6

150 156.9 0.0 348.4

