

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075424.D
 Acq On : 25 Nov 2022 16:30
 Operator : JC\MD
 Sample : N5756-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117

Quant Time: Nov 28 03:37:04 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)

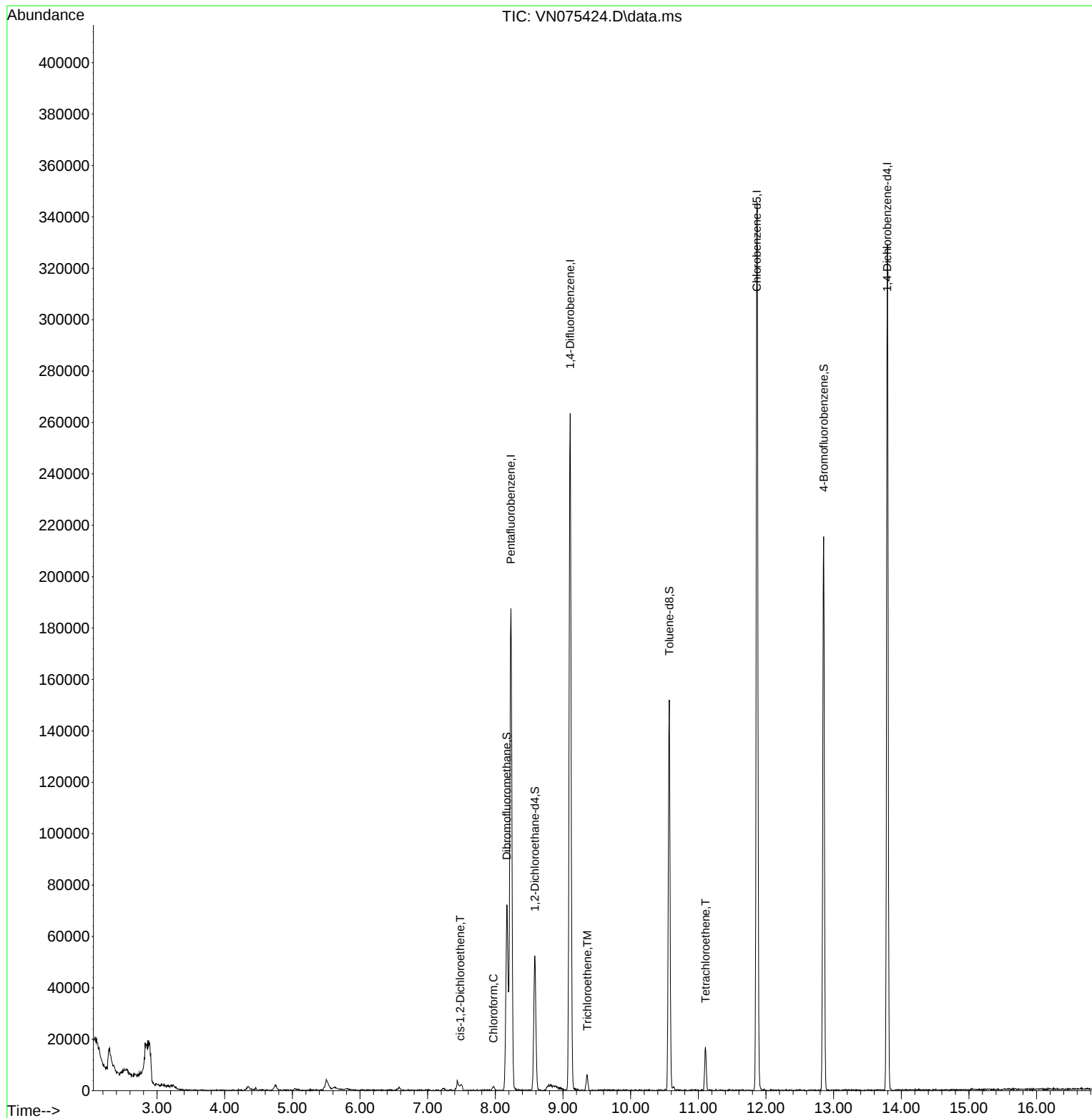
Internal Standards						
1) Pentafluorobenzene	8.230	168	144692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41993	54.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.140%	
35) Dibromofluoromethane	8.171	113	51327	52.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.840%	
50) Toluene-d8	10.571	98	107609	48.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	12.853	95	74660	45.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.740%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.483	96	1458	0.844	ug/l	87
30) Chloroform	7.971	83	1602	0.549	ug/l	85
44) Trichloroethene	9.359	130	2517	1.407	ug/l	94
64) Tetrachloroethene	11.106	164	3898	2.356	ug/l #	87

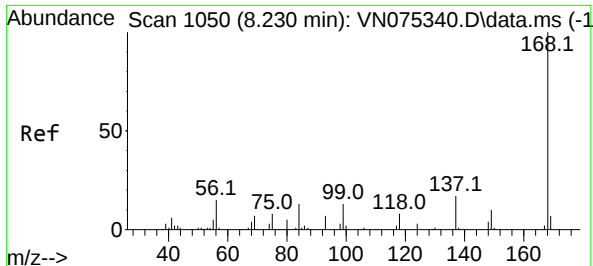
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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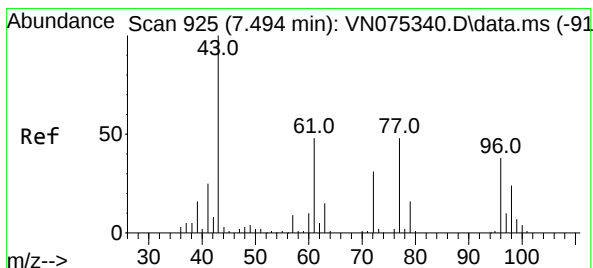
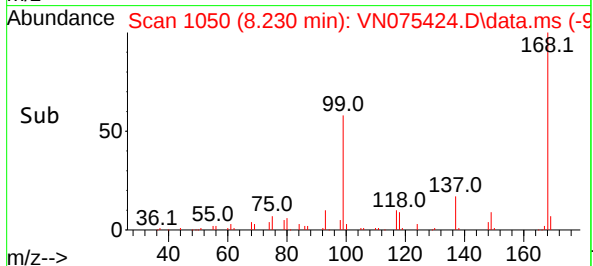
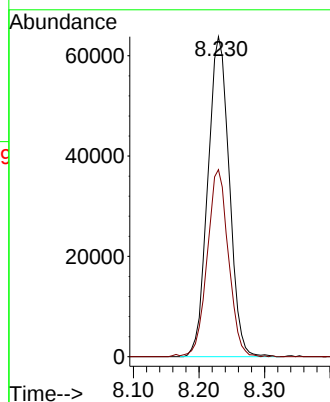
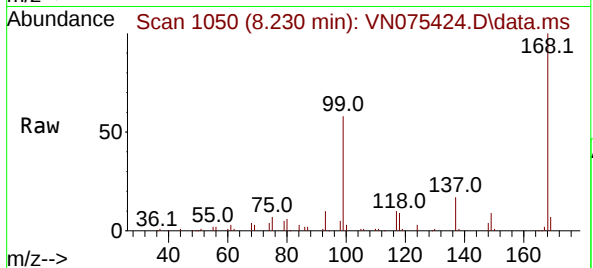




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

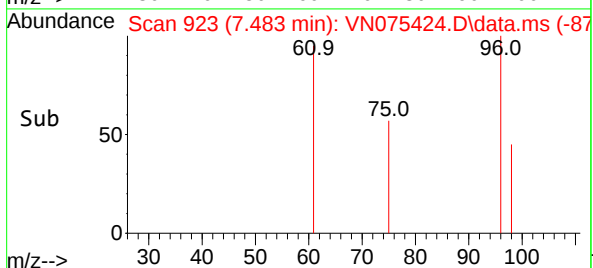
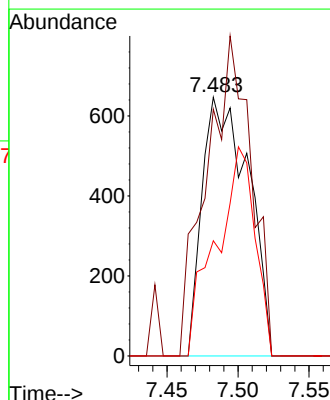
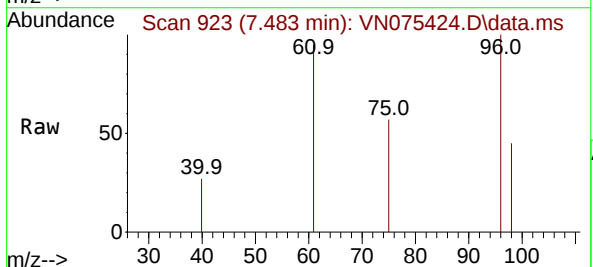
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117

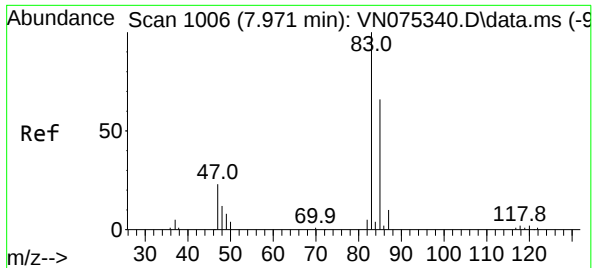
Tgt Ion:168 Resp: 144692
Ion Ratio Lower Upper
168 100
99 58.5 51.6 77.4



#27
cis-1,2-Dichloroethene
Concen: 0.844 ug/l
RT: 7.483 min Scan# 923
Delta R.T. -0.011 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

Tgt Ion: 96 Resp: 1458
Ion Ratio Lower Upper
96 100
61 119.7 0.0 278.8
98 68.7 0.0 128.4





#30

Chloroform

Concen: 0.549 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075424.D

Acq: 25 Nov 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

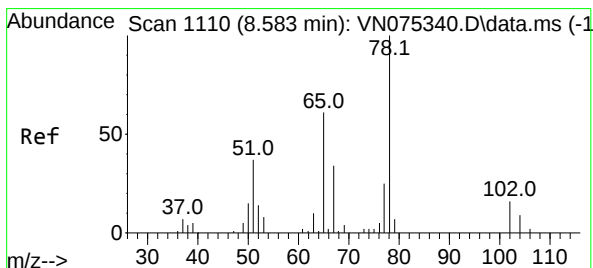
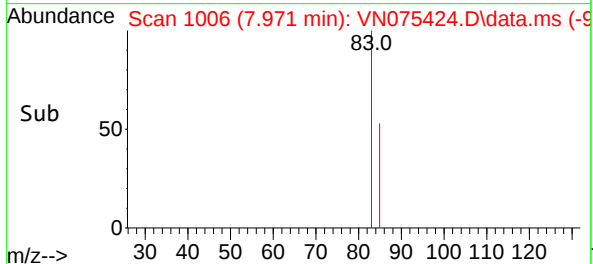
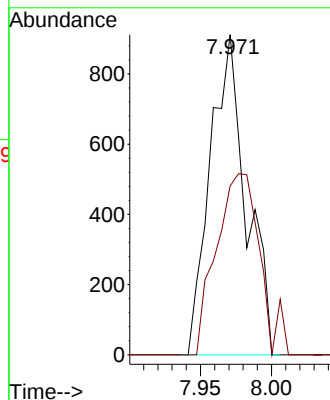
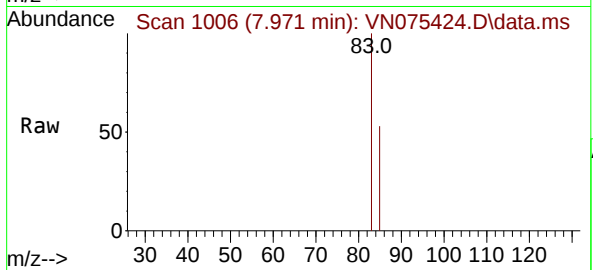
MW181S-20221117

Tgt Ion: 83 Resp: 1602

Ion Ratio Lower Upper

83 100

85 52.7 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 54.067 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075424.D

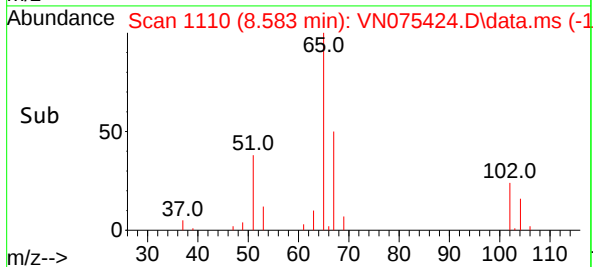
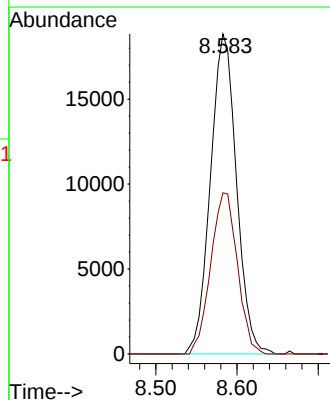
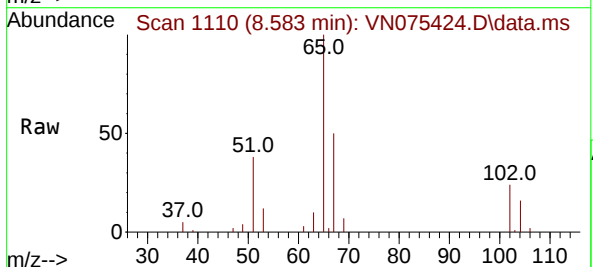
Acq: 25 Nov 2022 16:30

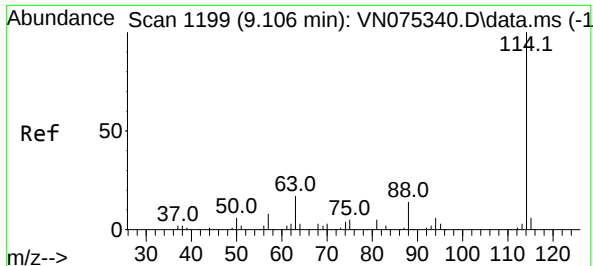
Tgt Ion: 65 Resp: 41993

Ion Ratio Lower Upper

65 100

67 51.5 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: VN075424.D

Acq: 25 Nov 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117

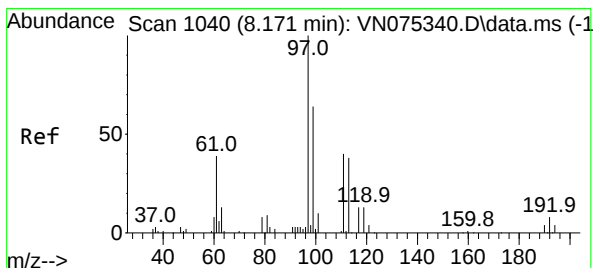
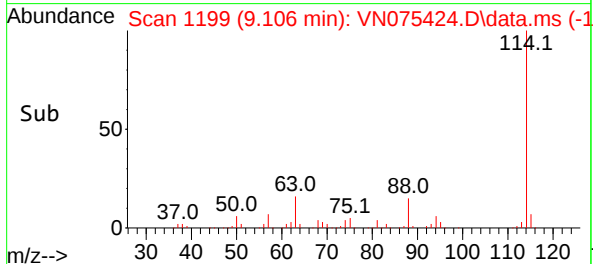
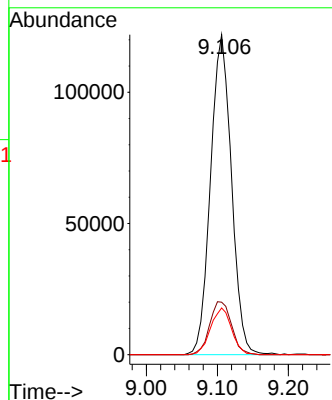
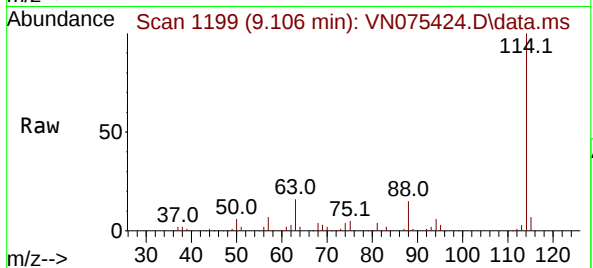
Tgt Ion:114 Resp: 249247

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.421 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075424.D

Acq: 25 Nov 2022 16:30

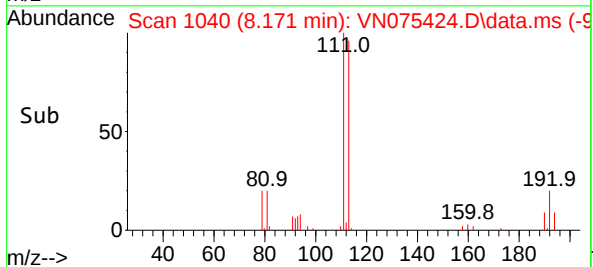
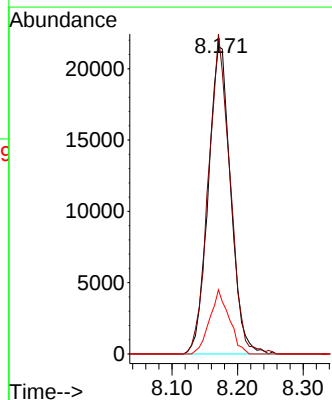
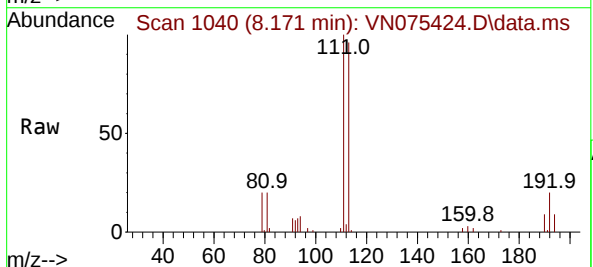
Tgt Ion:113 Resp: 51327

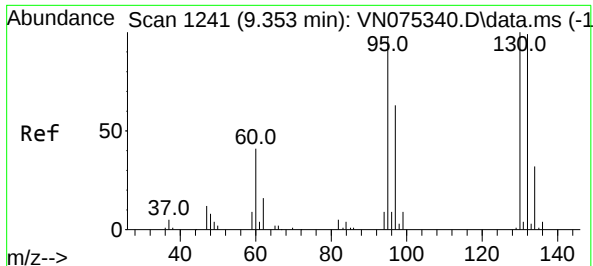
Ion Ratio Lower Upper

113 100

111 100.2 80.5 120.7

192 18.1 13.2 19.8

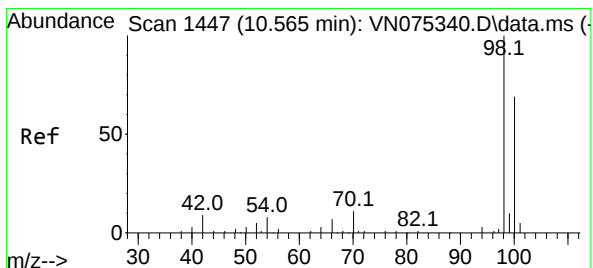
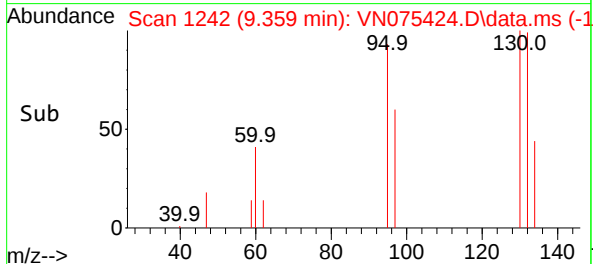
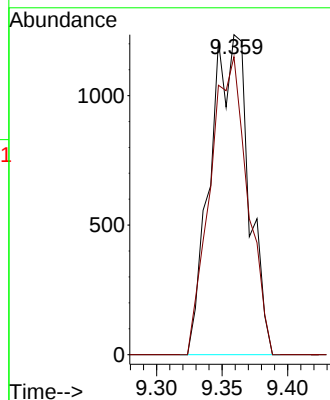
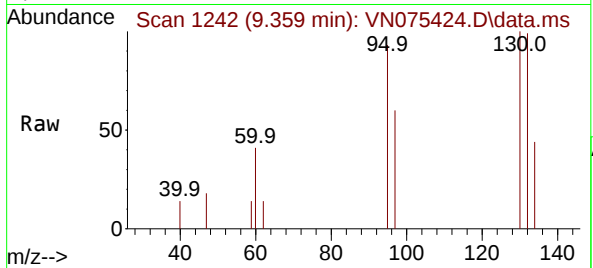




#44
Trichloroethene
Concen: 1.407 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

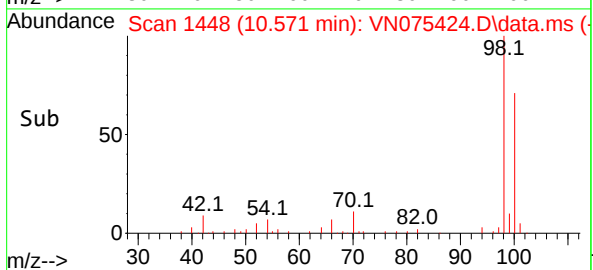
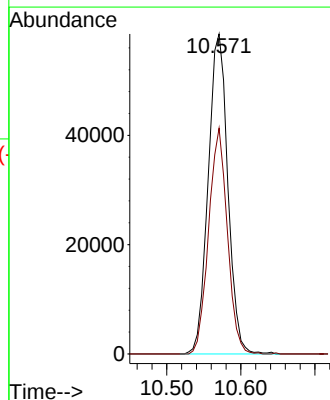
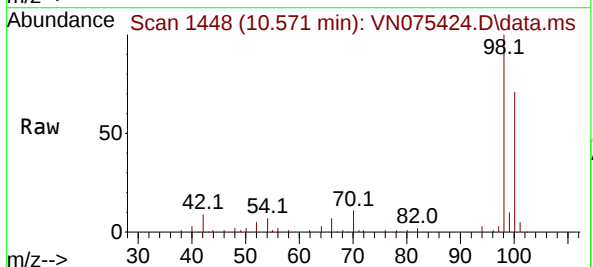
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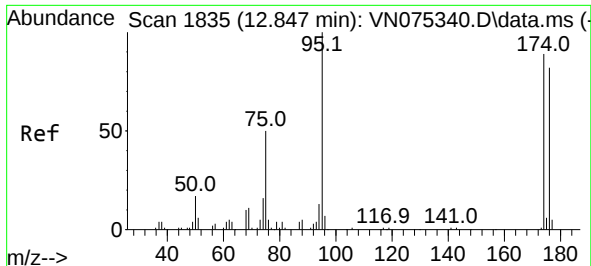
Tgt Ion:130 Resp: 2517
Ion Ratio Lower Upper
130 100
95 93.1 0.0 198.4



#50
Toluene-d8
Concen: 48.796 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

Tgt Ion: 98 Resp: 107609
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 45.868 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075424.D

Acq: 25 Nov 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117

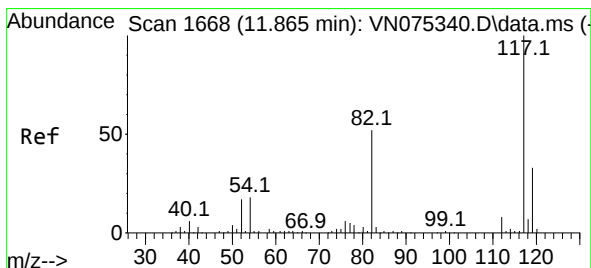
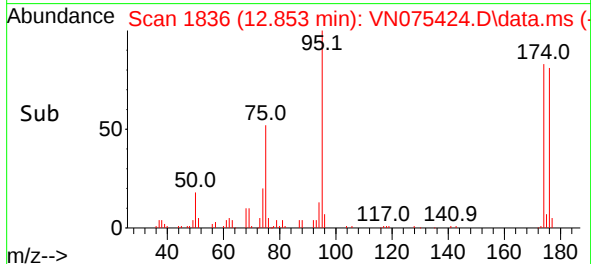
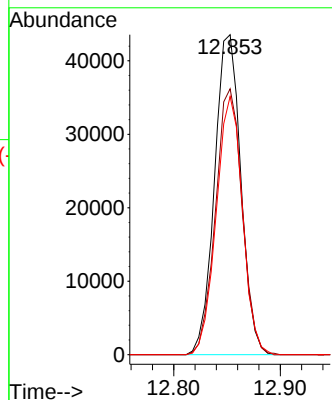
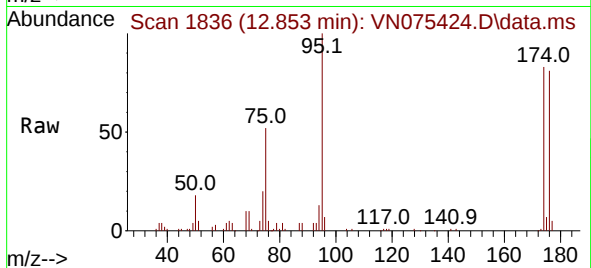
Tgt Ion: 95 Resp: 74660

Ion Ratio Lower Upper

95 100

174 84.2 0.0 147.4

176 80.3 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075424.D

Acq: 25 Nov 2022 16:30

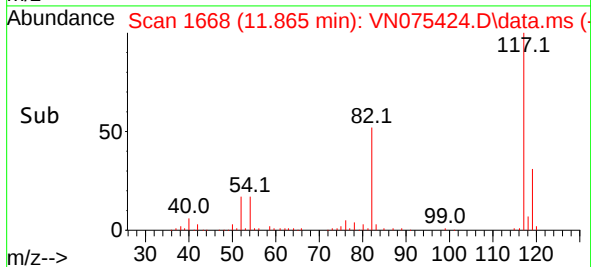
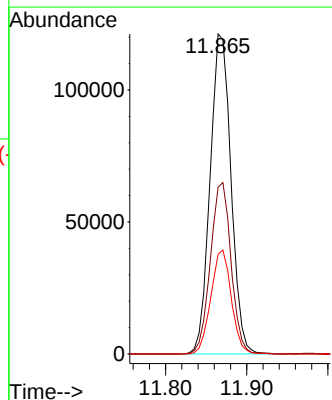
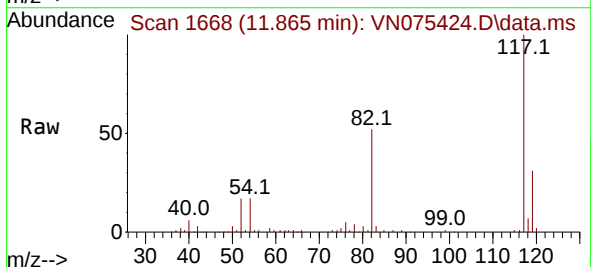
Tgt Ion: 117 Resp: 216626

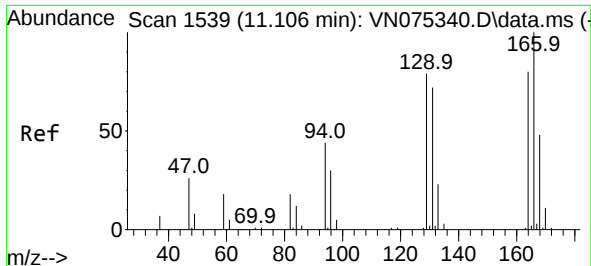
Ion Ratio Lower Upper

117 100

82 52.2 43.1 64.7

119 31.2 25.5 38.3

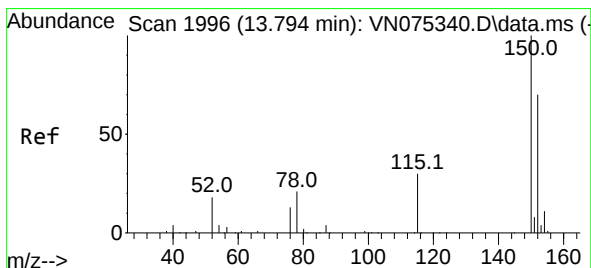
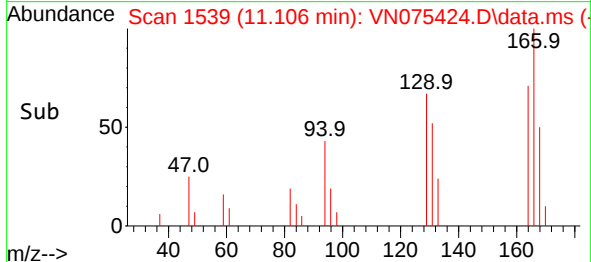
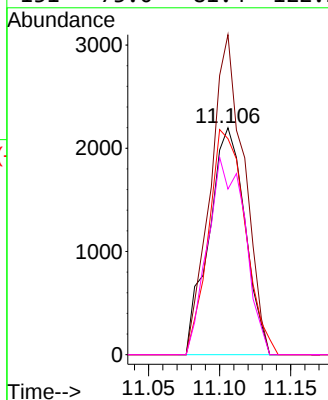
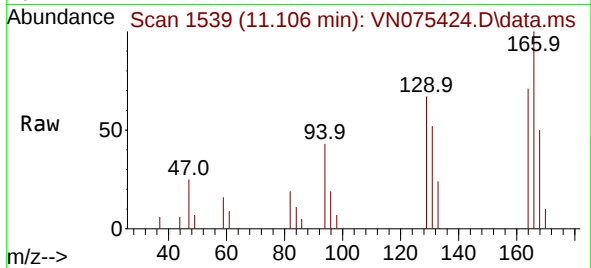




#64
Tetrachloroethene
Concen: 2.356 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

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Tgt Ion:164 Resp: 3898
Ion Ratio Lower Upper
164 100
166 141.1 106.5 159.7
129 95.2 81.9 122.9
131 73.0 81.4 122.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075424.D
Acq: 25 Nov 2022 16:30

Tgt Ion:152 Resp: 91631
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 158.1 0.0 348.4

