

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074987.D
 Acq On : 24 Oct 2022 16:37
 Operator : JC\MD
 Sample : N5222-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4RE

Quant Time: Oct 25 06:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

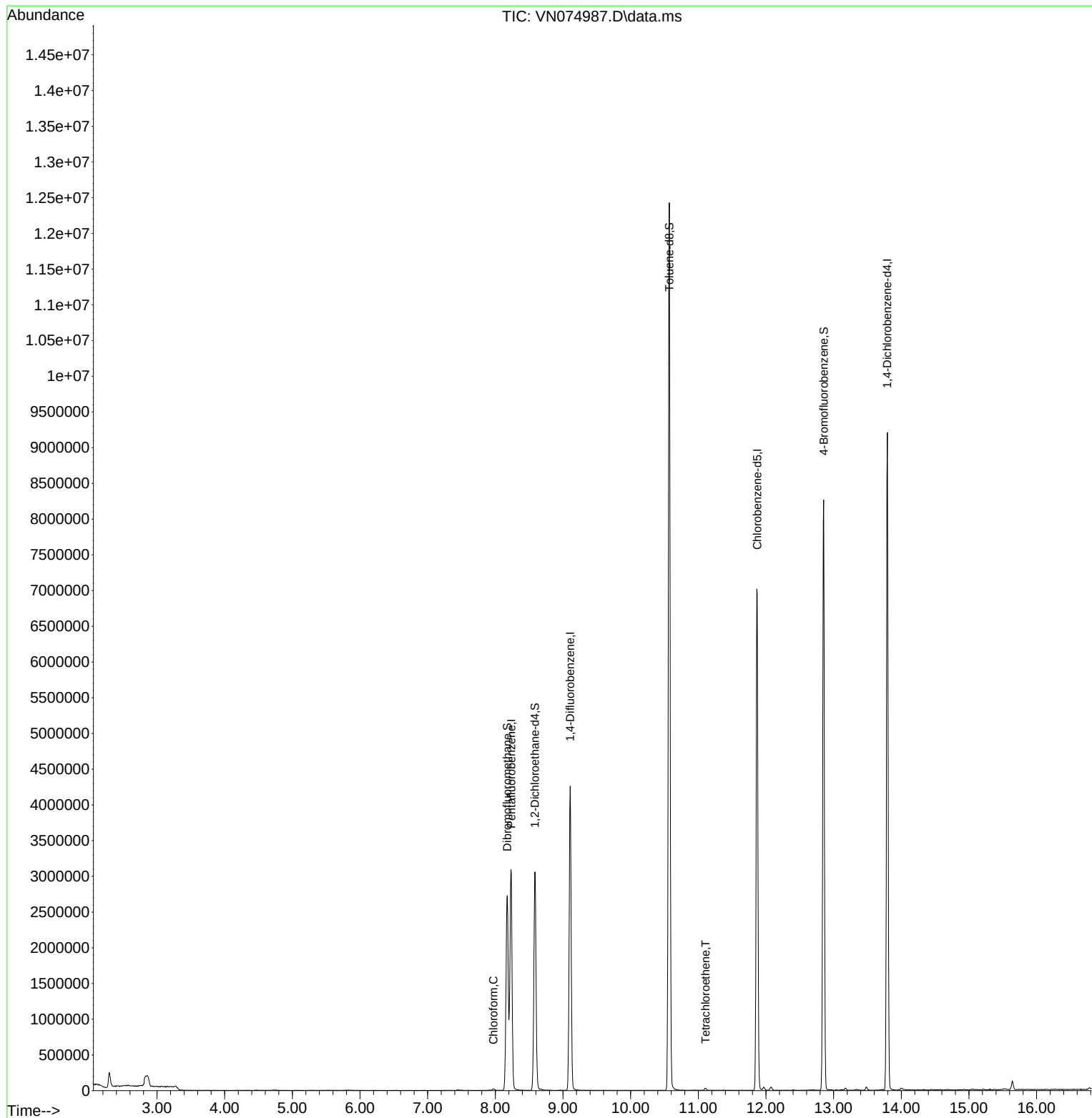
Internal Standards						
1) Pentafluorobenzene	8.236	168	2143447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	3703351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	4046370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	2368883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	2488363	43.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.380%
35) Dibromofluoromethane	8.177	113	1898251	43.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.120%
50) Toluene-d8	10.571	98	8516177	50.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.853	95	2796919	46.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	18481	0.222	ug/l	100
64) Tetrachloroethene	11.106	164	6666	0.201	ug/l #	85

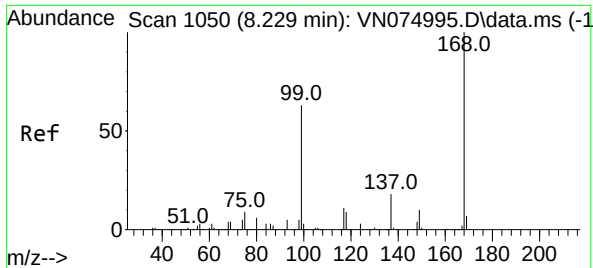
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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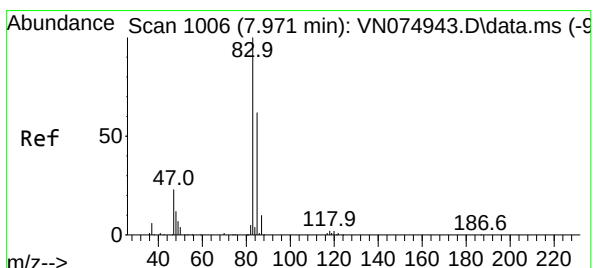
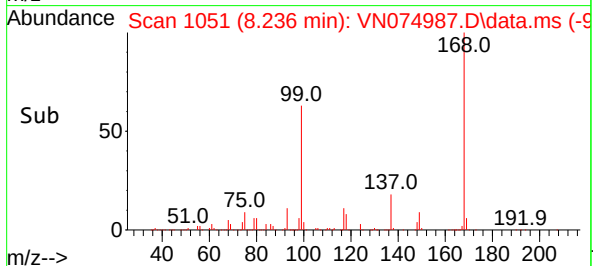
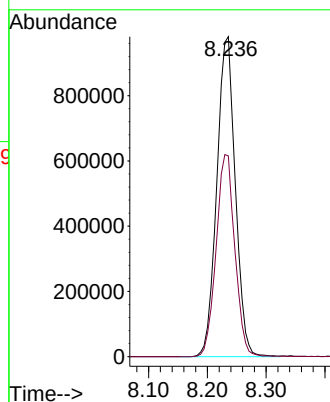
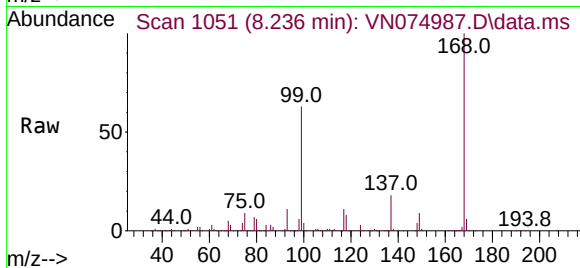




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

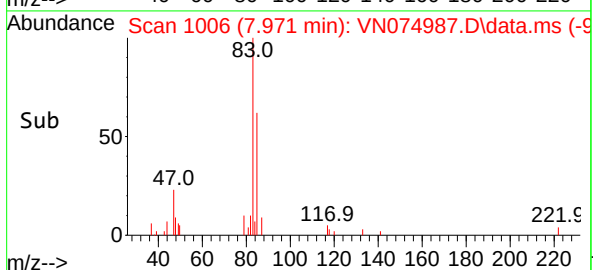
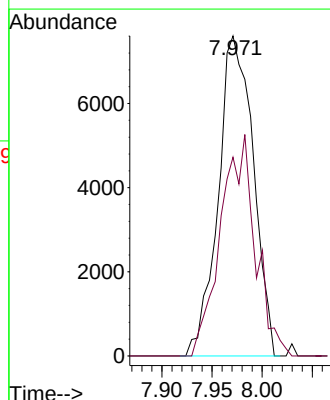
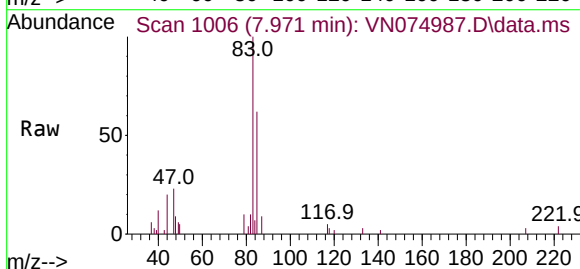
Instrument :
MSVOA_N
ClientSampleId :
MW-4RE

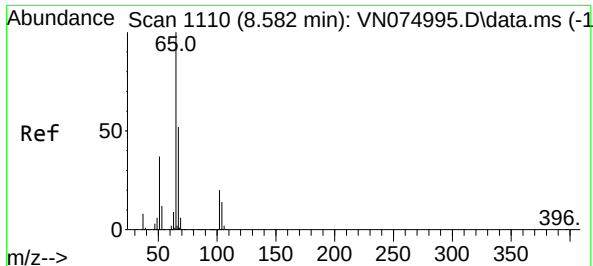
Tgt Ion:168 Resp: 2143447
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.4



#30
Chloroform
Concen: 0.222 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

Tgt Ion: 83 Resp: 18481
Ion Ratio Lower Upper
83 100
85 62.1 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 43.694 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074987.D

Acq: 24 Oct 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

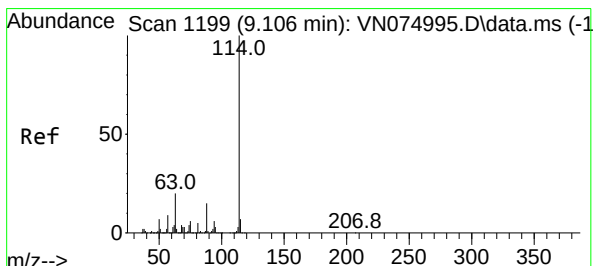
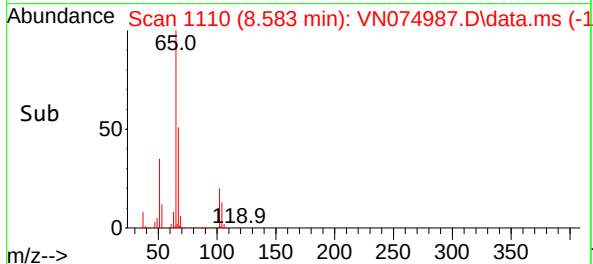
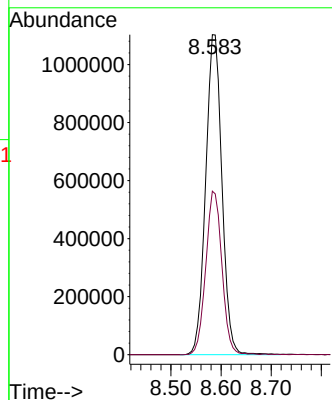
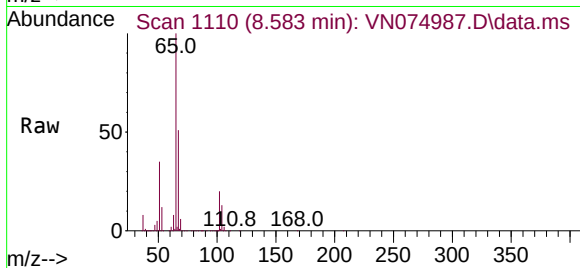
MW-4RE

Tgt Ion: 65 Resp: 2488363

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074987.D

Acq: 24 Oct 2022 16:37

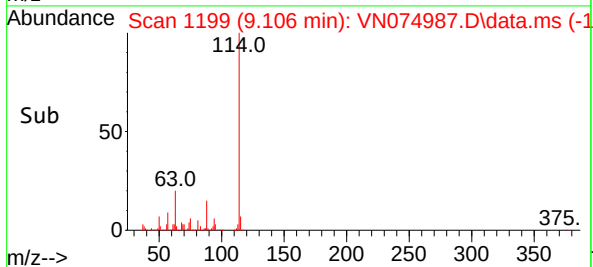
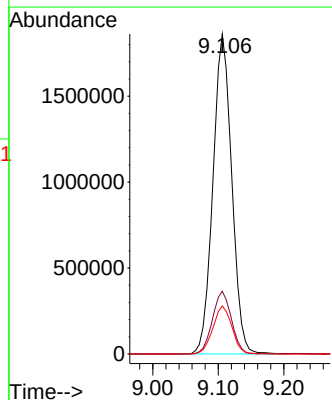
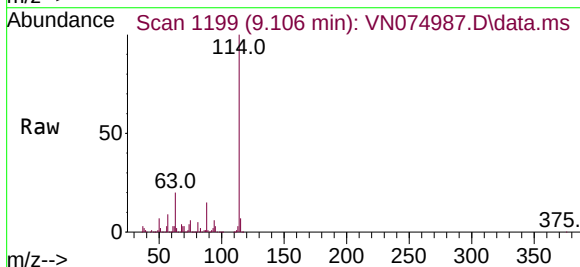
Tgt Ion: 114 Resp: 3703351

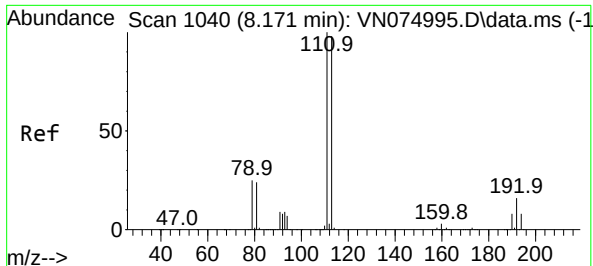
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 15.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.064 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074987.D

Acq: 24 Oct 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

MW-4RE

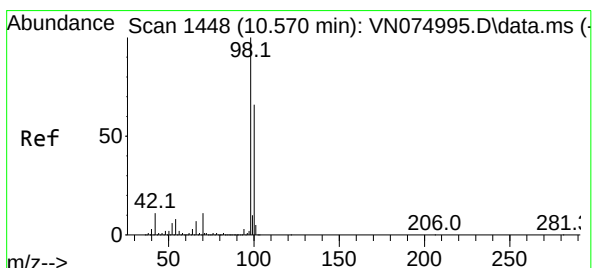
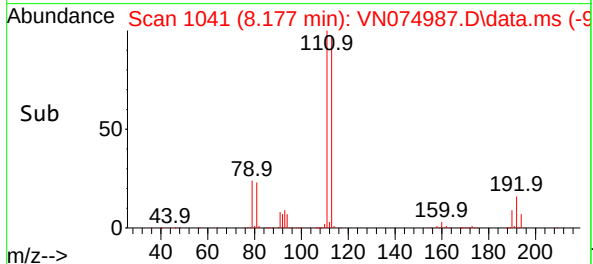
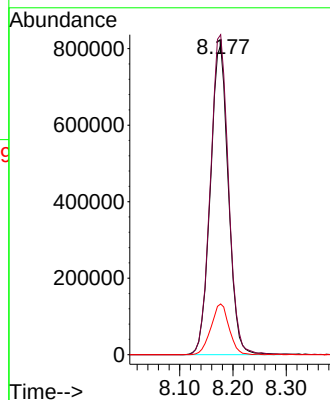
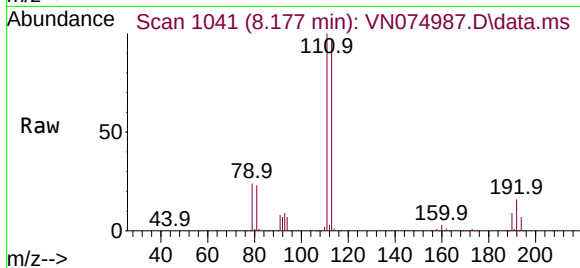
Tgt Ion:113 Resp: 1898251

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 16.5 13.3 19.9



#50

Toluene-d8

Concen: 50.355 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074987.D

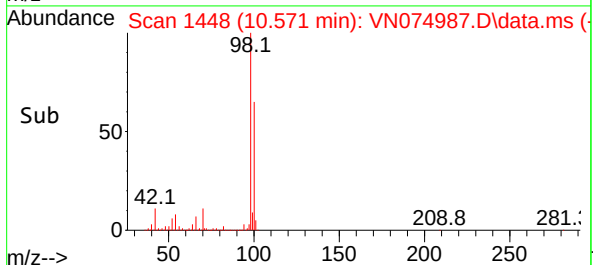
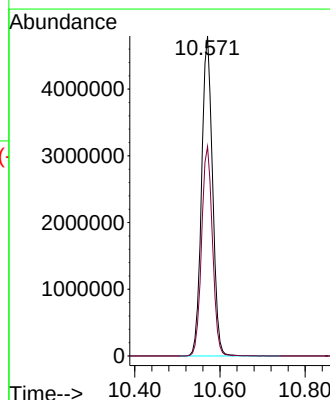
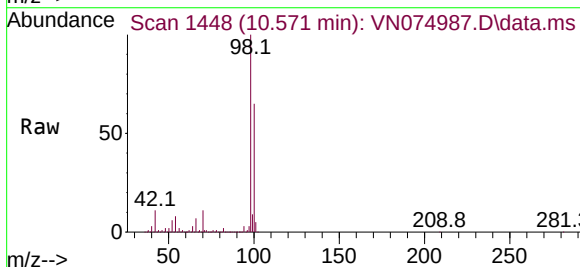
Acq: 24 Oct 2022 16:37

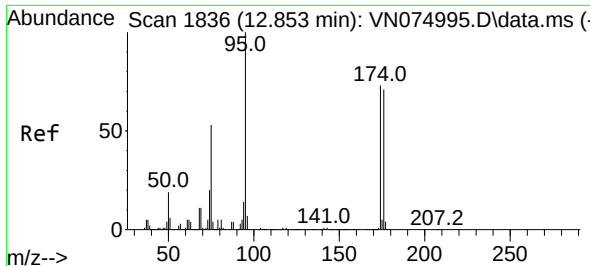
Tgt Ion: 98 Resp: 8516177

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.2

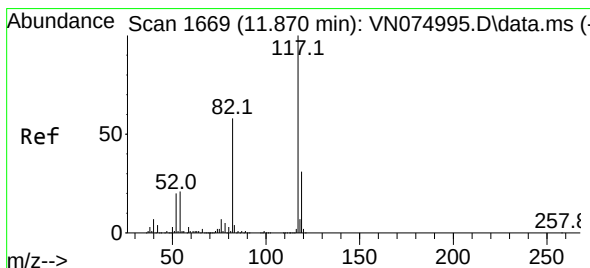
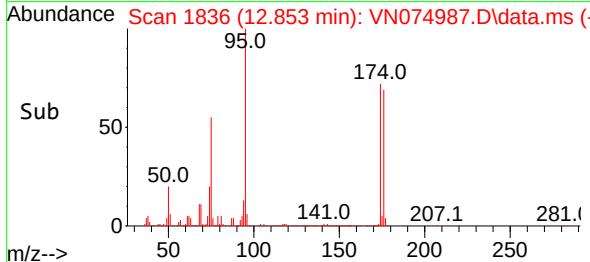
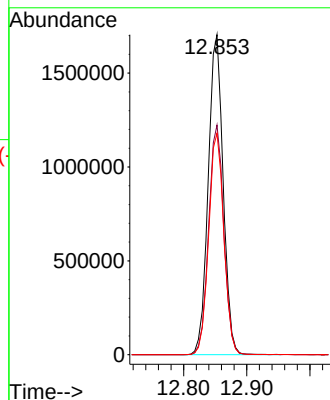
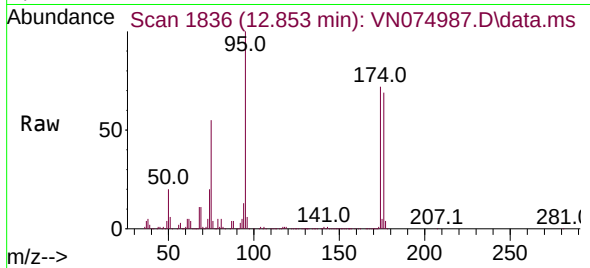




#62
4-Bromofluorobenzene
Concen: 46.884 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

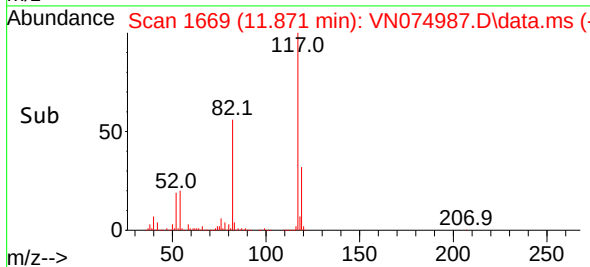
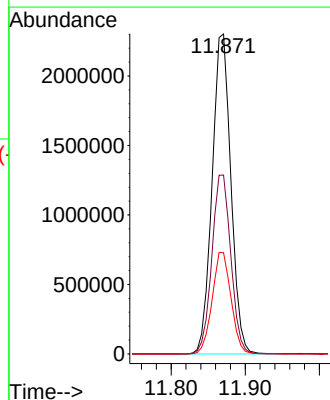
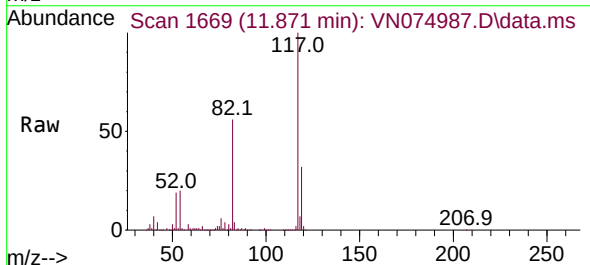
Instrument :
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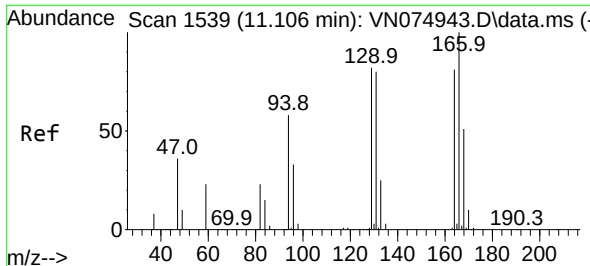
Tgt Ion: 95 Resp: 2796919
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.0
176 70.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

Tgt Ion: 117 Resp: 4046370
Ion Ratio Lower Upper
117 100
82 55.9 45.6 68.4
119 31.6 25.1 37.7

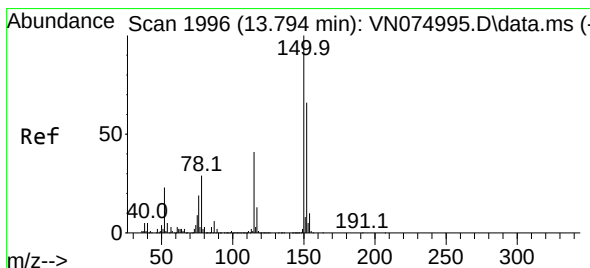
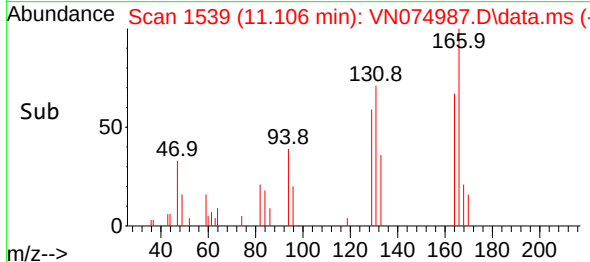
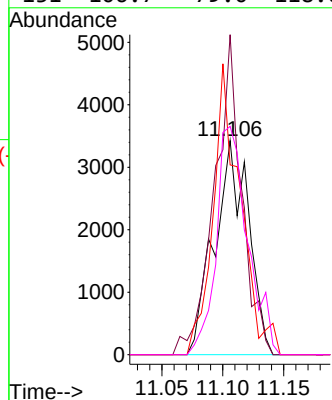
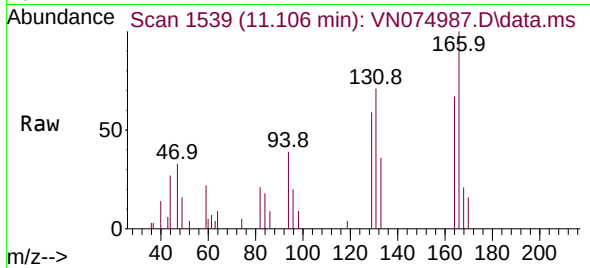




#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

Instrument :
MSVOA_N
ClientSampleId :
MW-4RE

Tgt Ion:164 Resp: 6666
Ion Ratio Lower Upper
164 100
166 149.5 98.6 148.0#
129 88.6 81.2 121.8
131 106.7 79.0 118.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074987.D
Acq: 24 Oct 2022 16:37

Tgt Ion:152 Resp: 2368883
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.8
150 156.5 0.0 349.6

