

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074962.D
 Acq On : 21 Oct 2022 15:23
 Operator : JC\MD
 Sample : N5222-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Oct 22 02:53:49 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)

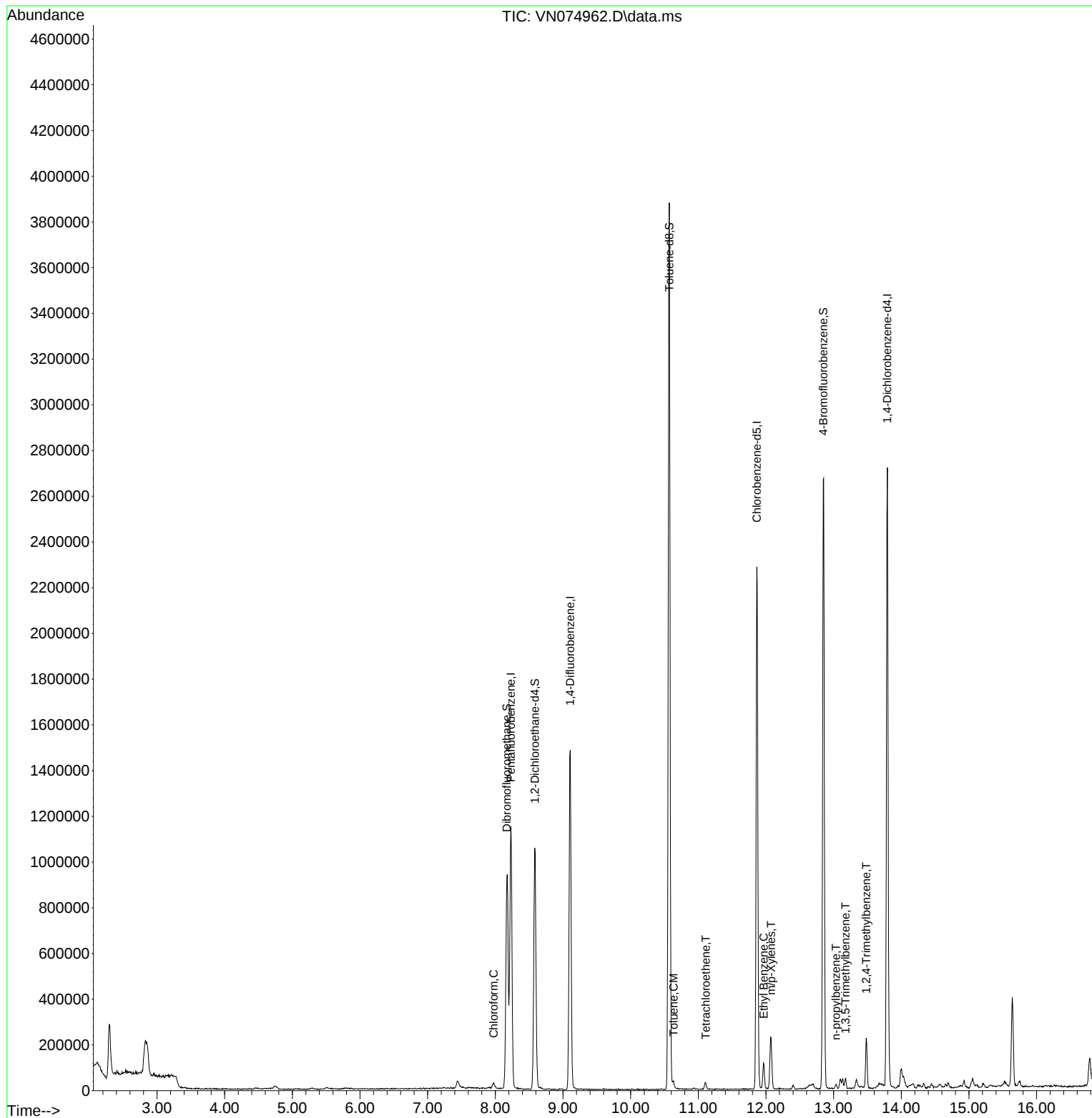
Internal Standards						
1) Pentafluorobenzene	8.230	168	800874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1322077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1301280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	701006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	860292	40.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.860%
35) Dibromofluoromethane	8.171	113	675975	42.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.920%
50) Toluene-d8	10.571	98	2738189	45.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.847	95	939712	44.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.240%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	21109	0.678	ug/l	88
52) Toluene	10.635	92	11205	0.281	ug/l	97
64) Tetrachloroethene	11.112	164	6016	0.565	ug/l #	89
67) Ethyl Benzene	11.965	91	80564	1.153	ug/l	97
68) m/p-Xylenes	12.076	106	79173	2.907	ug/l	98
78) n-propylbenzene	13.035	91	16115	0.240	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	18137	0.367	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	132186	2.646	ug/l	96

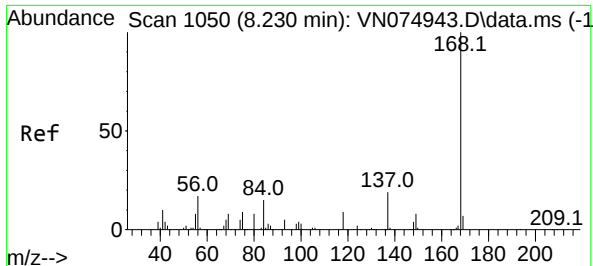
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
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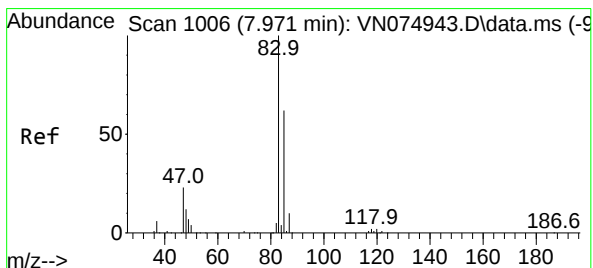
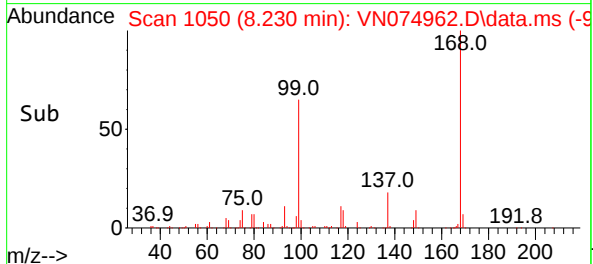
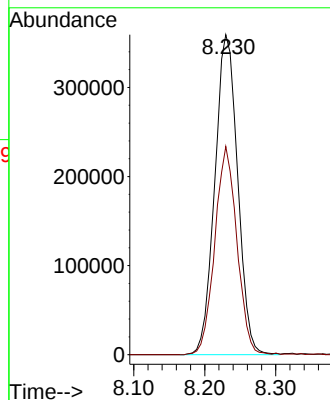
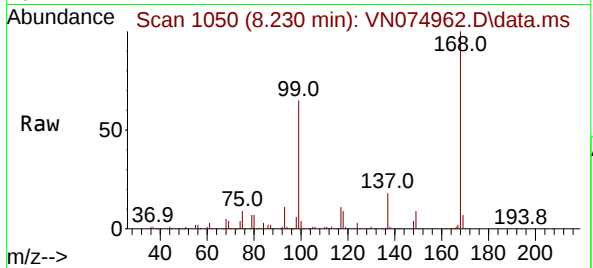




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

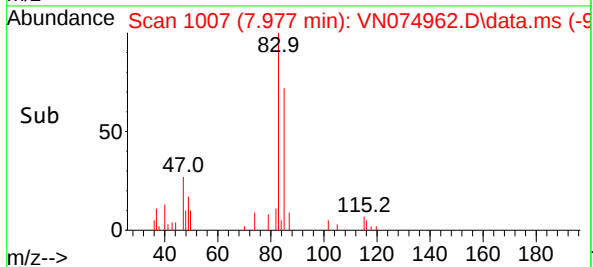
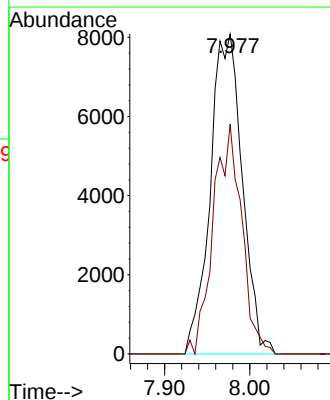
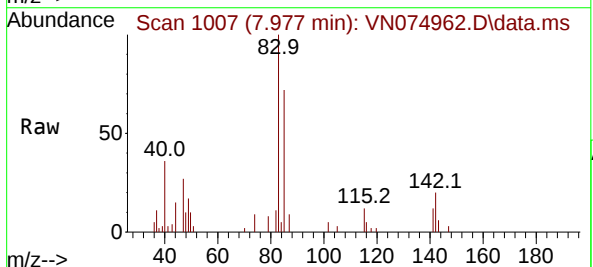
Instrument :
MSVOA_N
ClientSampleId :
MW-4

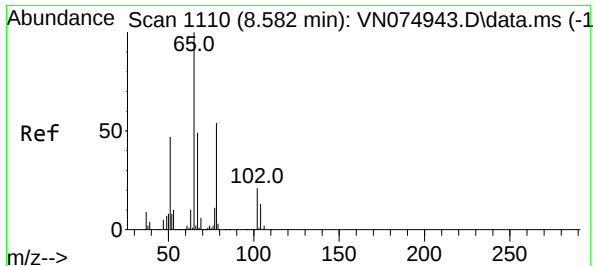
Tgt Ion:168 Resp: 800874
Ion Ratio Lower Upper
168 100
99 65.0 52.2 78.4



#30
Chloroform
Concen: 0.678 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

Tgt Ion: 83 Resp: 21109
Ion Ratio Lower Upper
83 100
85 71.8 49.9 74.9





#33

1,2-Dichloroethane-d4

Concen: 40.430 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074962.D

Acq: 21 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

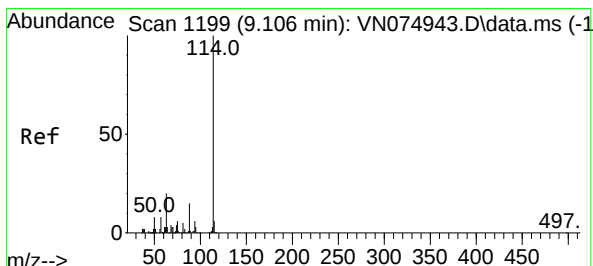
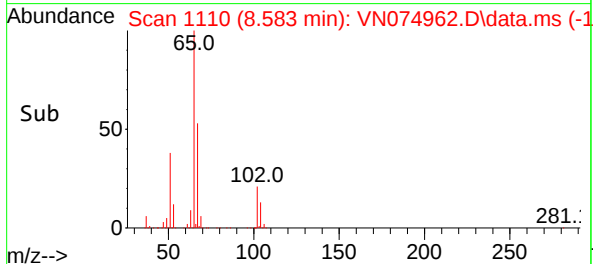
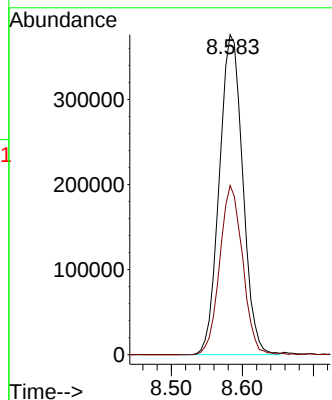
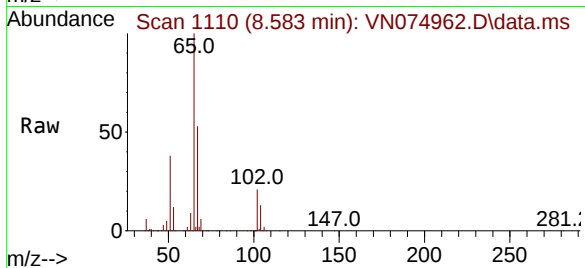
MW-4

Tgt Ion: 65 Resp: 860292

Ion Ratio Lower Upper

65 100

67 51.8 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: VN074962.D

Acq: 21 Oct 2022 15:23

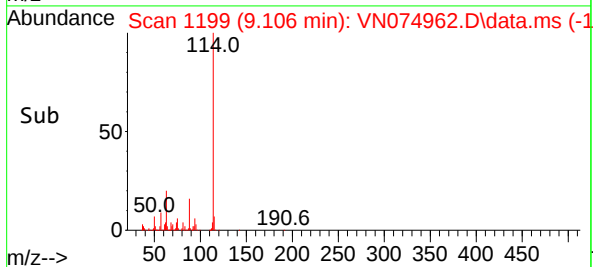
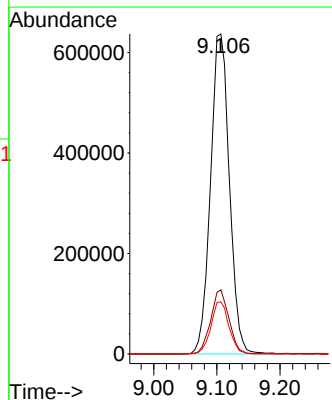
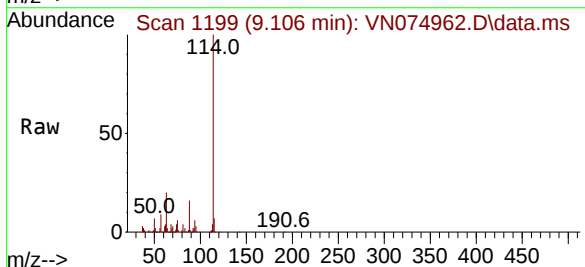
Tgt Ion: 114 Resp: 1322077

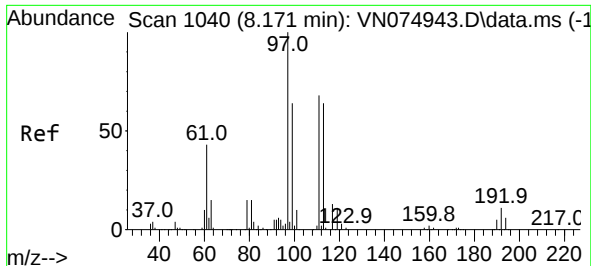
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 16.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 42.957 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074962.D

Acq: 21 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

MW-4

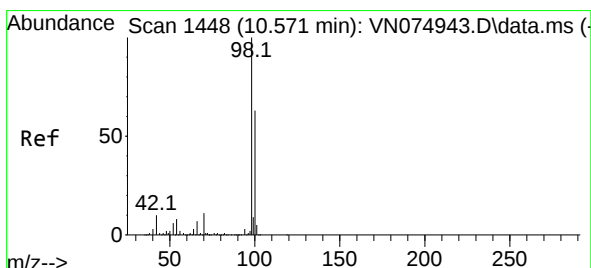
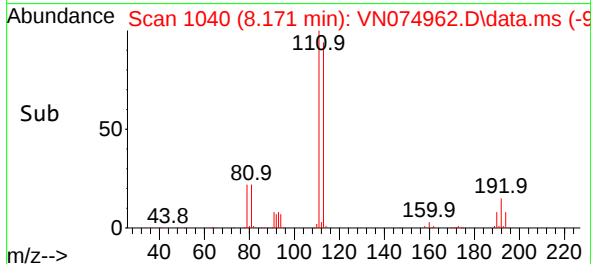
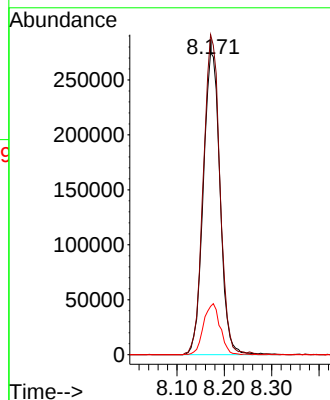
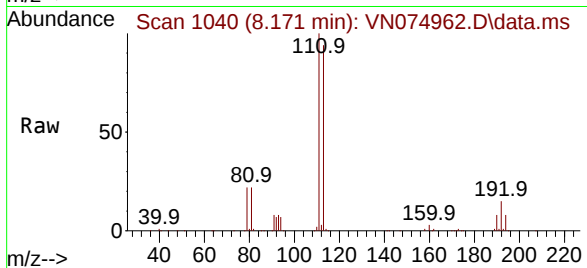
Tgt Ion:113 Resp: 675975

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 16.7 13.3 19.9



#50

Toluene-d8

Concen: 45.353 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074962.D

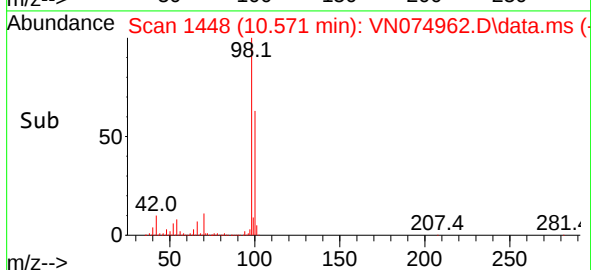
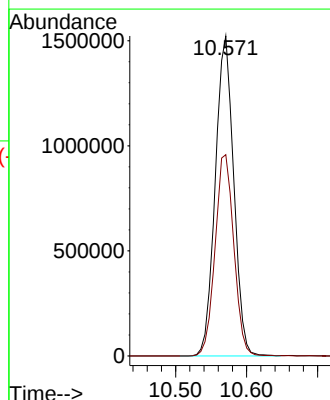
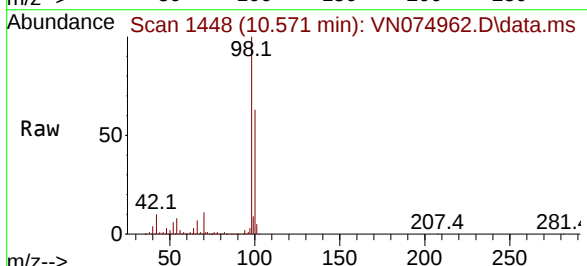
Acq: 21 Oct 2022 15:23

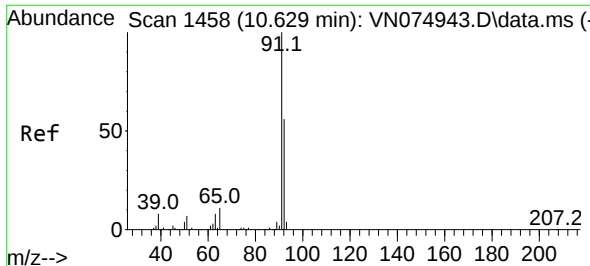
Tgt Ion: 98 Resp: 2738189

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2

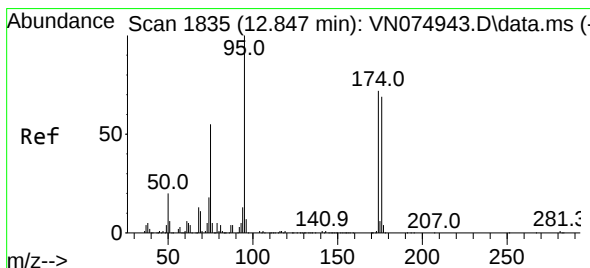
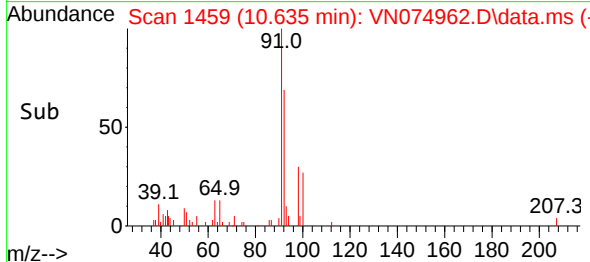
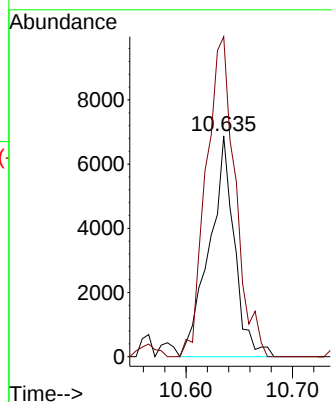
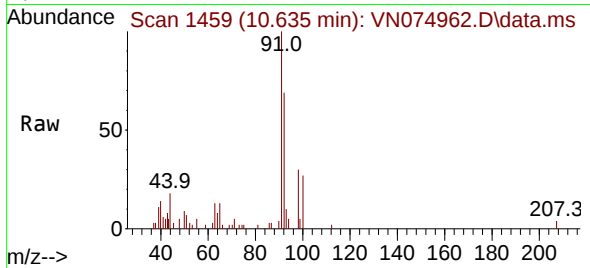




#52
Toluene
Concen: 0.281 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

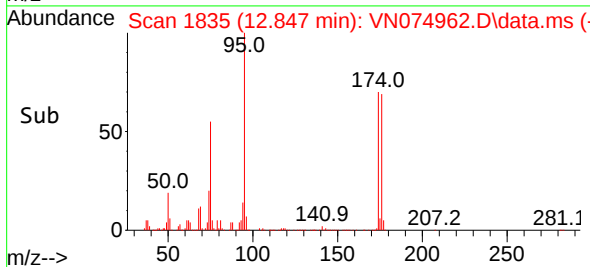
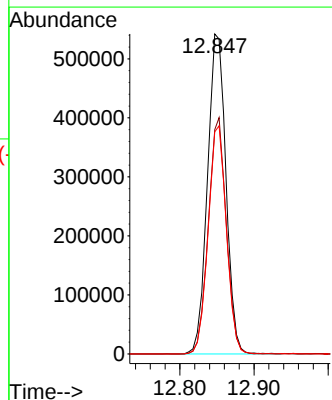
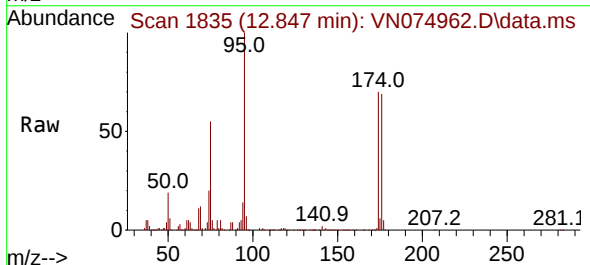
Instrument :
MSVOA_N
ClientSampleId :
MW-4

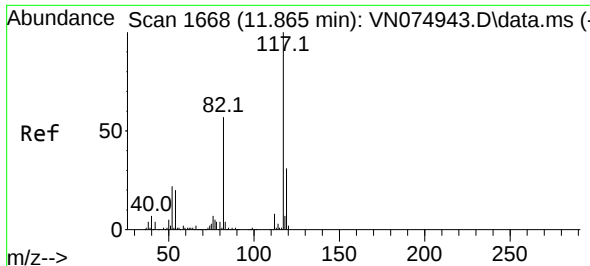
Tgt Ion: 92 Resp: 11205
Ion Ratio Lower Upper
92 100
91 169.3 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 44.124 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

Tgt Ion: 95 Resp: 939712
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.0
176 70.1 0.0 138.2

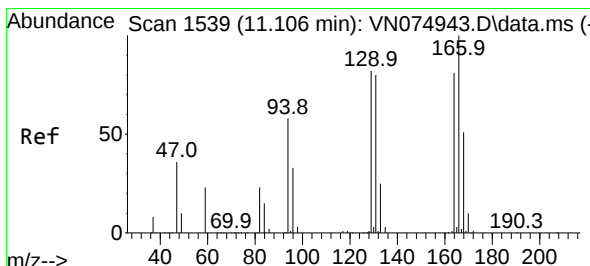
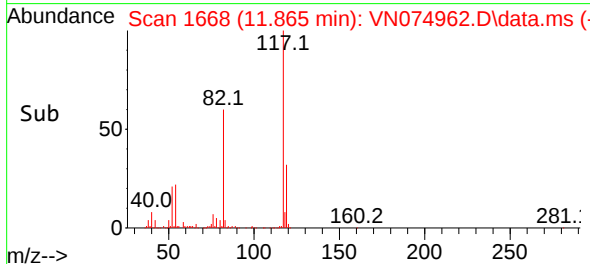
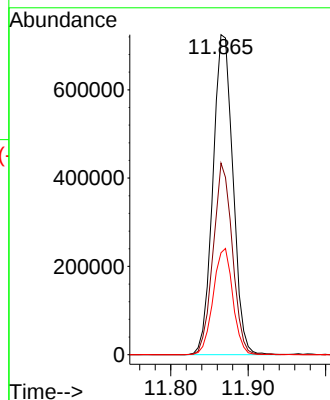
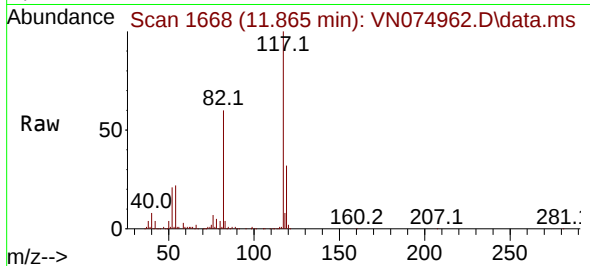




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

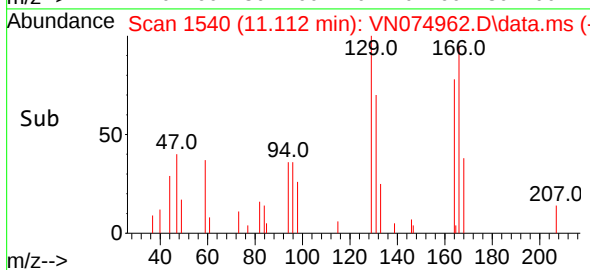
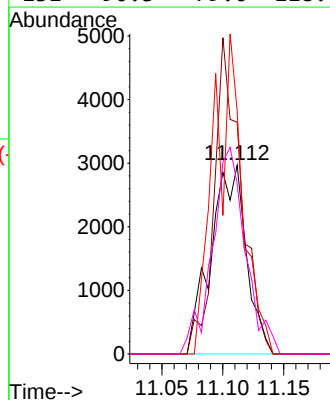
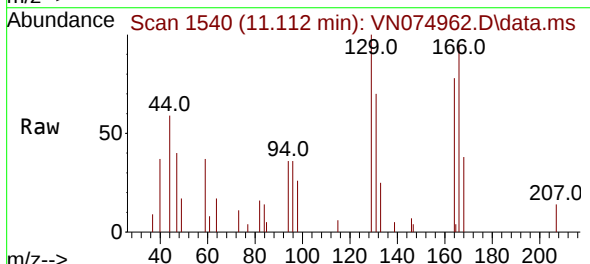
Instrument :
MSVOA_N
ClientSampleId :
MW-4

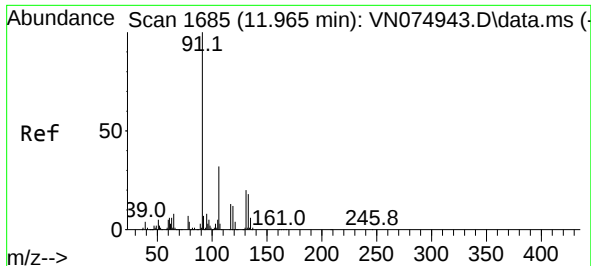
Tgt Ion:117 Resp: 1301280
Ion Ratio Lower Upper
117 100
82 59.8 45.6 68.4
119 31.8 25.1 37.7



#64
Tetrachloroethene
Concen: 0.565 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

Tgt Ion:164 Resp: 6016
Ion Ratio Lower Upper
164 100
166 122.9 98.6 148.0
129 128.8 81.2 121.8#
131 90.3 79.0 118.6

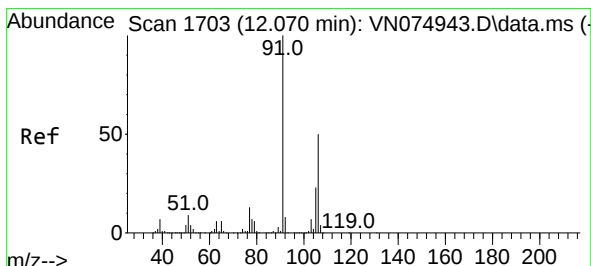
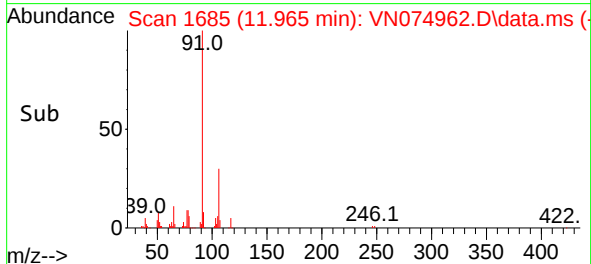
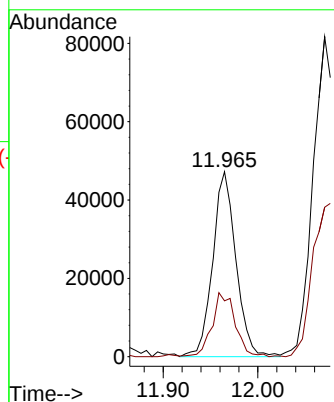
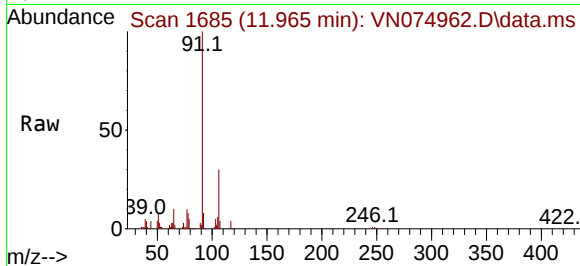




#67
Ethyl Benzene
Concen: 1.153 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

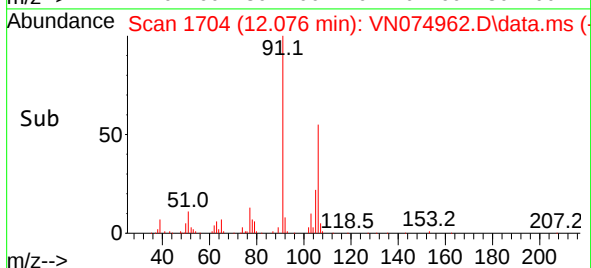
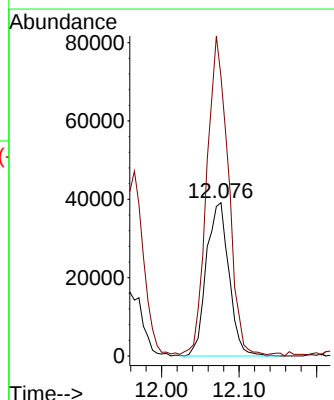
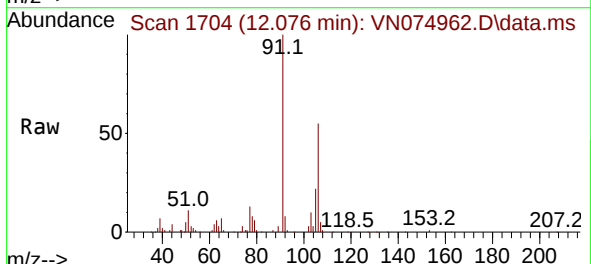
Instrument :
MSVOA_N
ClientSampleId :
MW-4

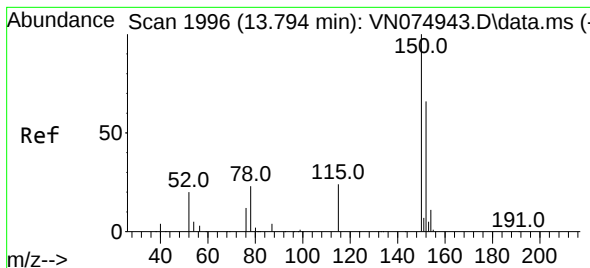
Tgt Ion: 91 Resp: 80564
Ion Ratio Lower Upper
91 100
106 29.9 25.4 38.2



#68
m/p-Xylenes
Concen: 2.907 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN074962.D
Acq: 21 Oct 2022 15:23

Tgt Ion: 106 Resp: 79173
Ion Ratio Lower Upper
106 100
91 196.8 159.7 239.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074962.D

Acq: 21 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

MW-4

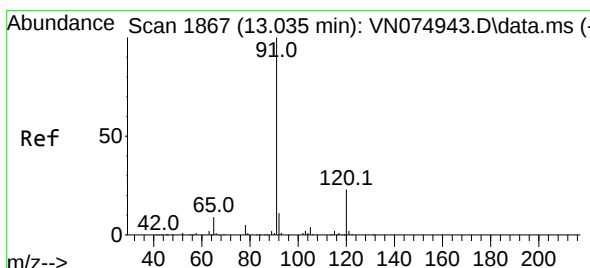
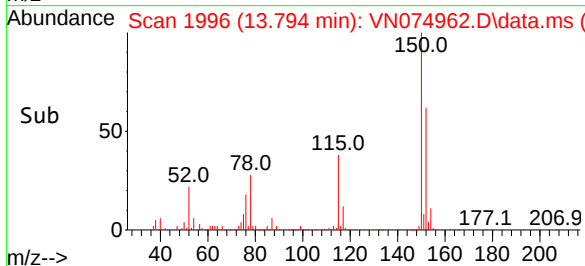
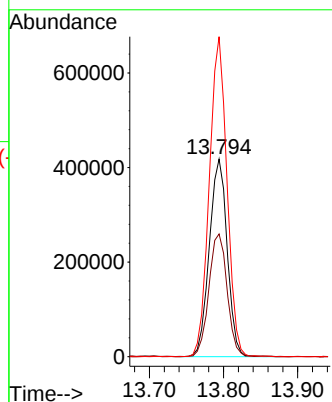
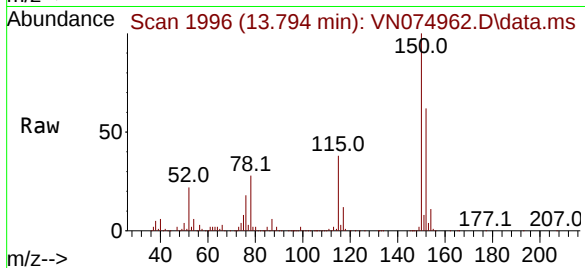
Tgt Ion:152 Resp: 701006

Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.8

150 159.5 0.0 349.6



#78

n-propylbenzene

Concen: 0.240 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN074962.D

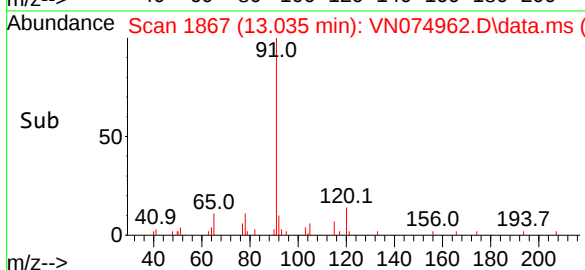
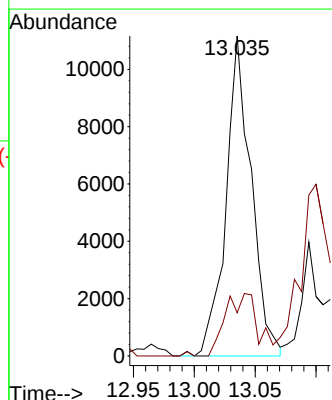
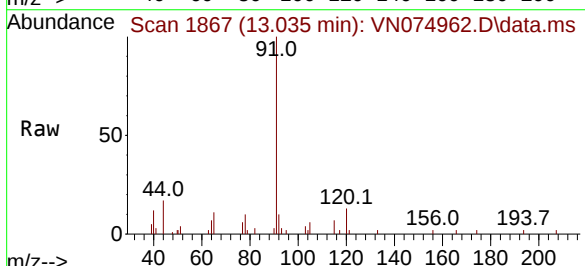
Acq: 21 Oct 2022 15:23

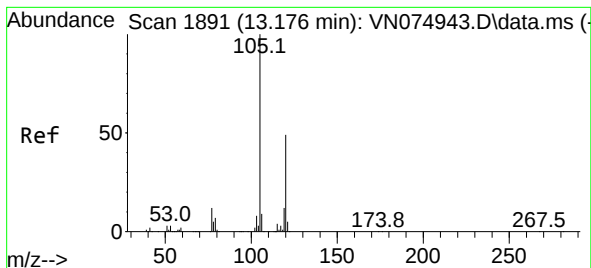
Tgt Ion: 91 Resp: 16115

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.367 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN074962.D

Acq: 21 Oct 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

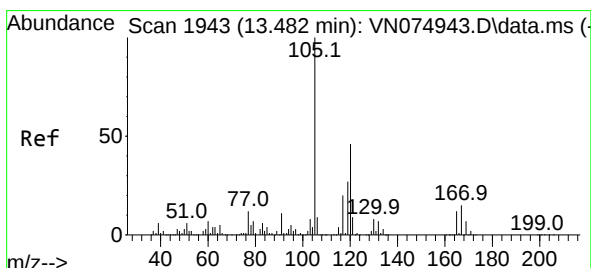
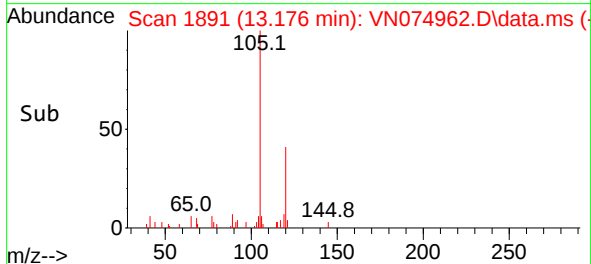
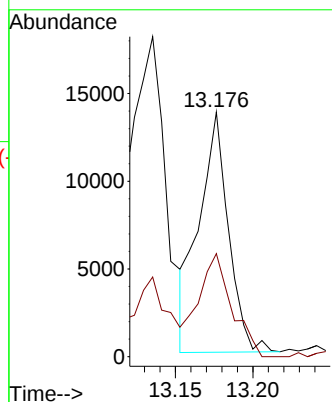
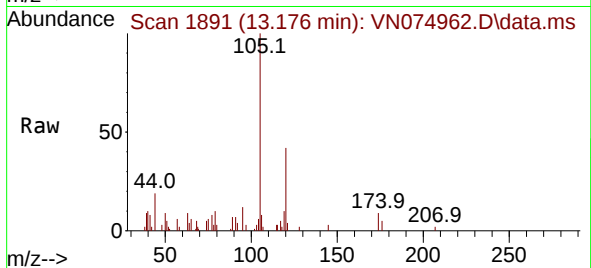
MW-4

Tgt Ion:105 Resp: 18137

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 2.646 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN074962.D

Acq: 21 Oct 2022 15:23

Tgt Ion:105 Resp: 132186

Ion Ratio Lower Upper

105 100

120 42.7 22.9 68.5

