

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076009.D
 Acq On : 28 Dec 2022 18:56
 Operator : JC\MD
 Sample : N6232-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Dec 29 04:56:28 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)

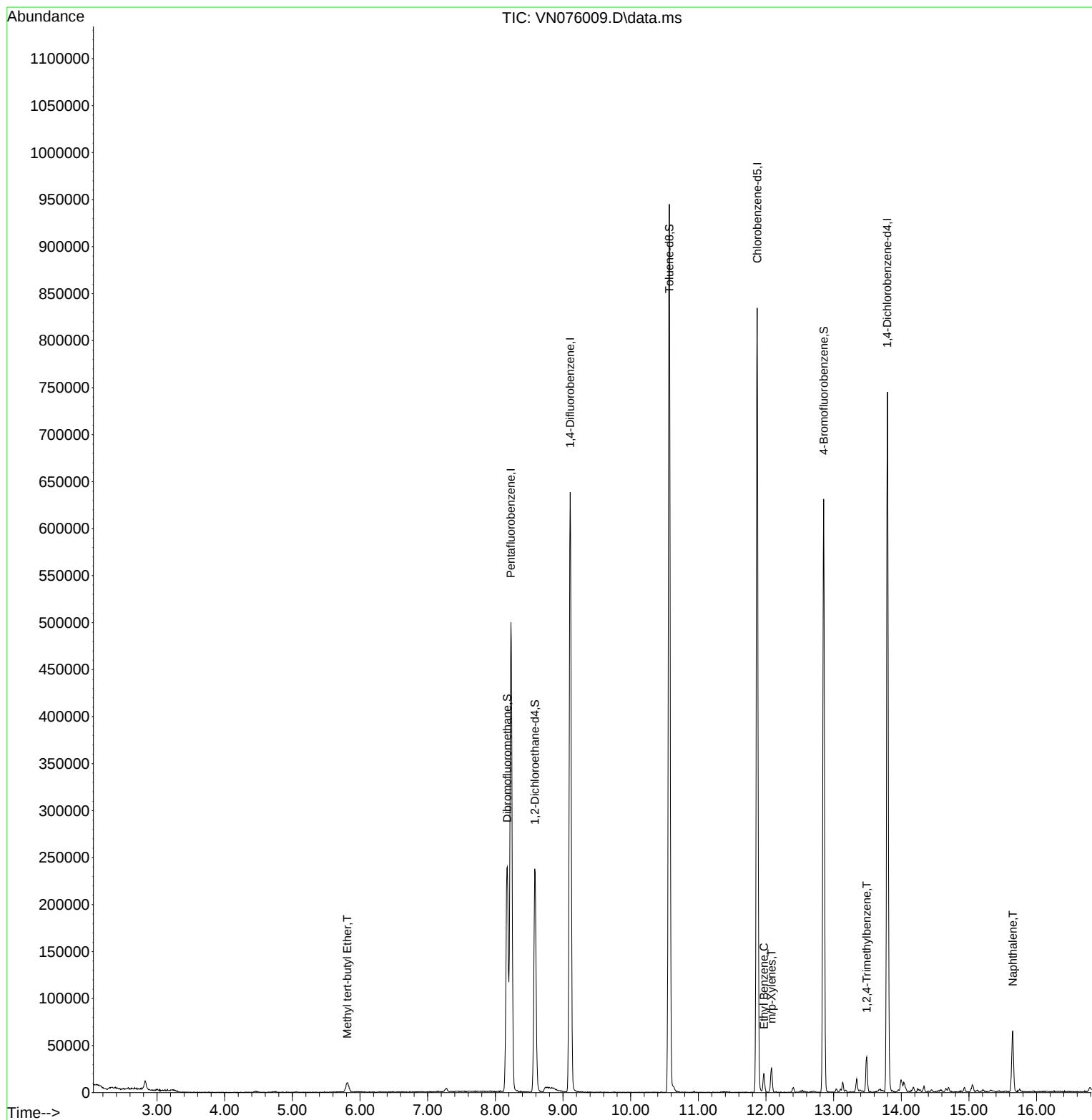
Internal Standards						
1) Pentafluorobenzene	8.230	168	389010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	602847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192442	45.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.177	113	175327	46.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	10.571	98	676409	48.458	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.853	95	210107	45.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	17111	1.507	ug/l	92
67) Ethyl Benzene	11.971	91	15028	0.849	ug/l	95
68) m/p-Xylenes	12.082	106	8566	1.223	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	23570	1.830	ug/l	100
95) Naphthalene	15.647	128	63916	7.409	ug/l	99

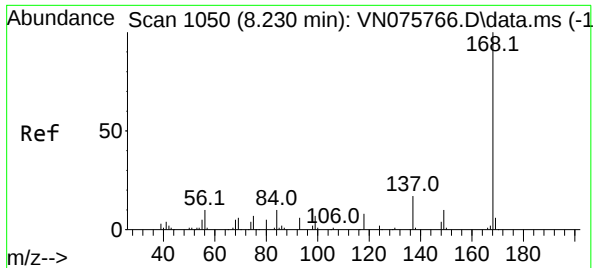
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076009.D
Acq On : 28 Dec 2022 18:56
Operator : JC\MD
Sample : N6232-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Quant Time: Dec 29 04:56:28 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

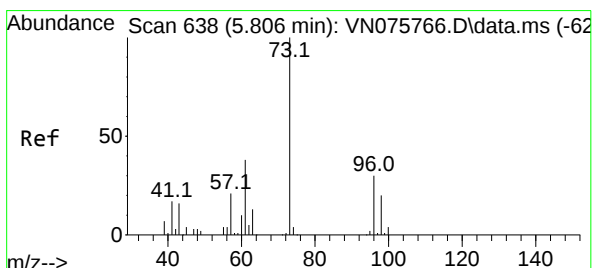
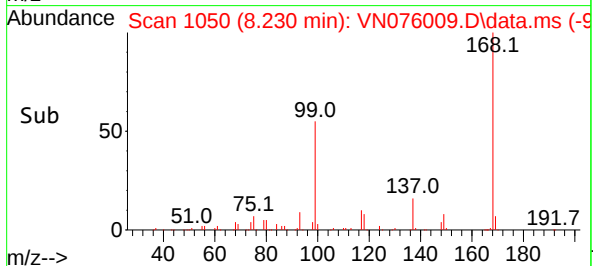
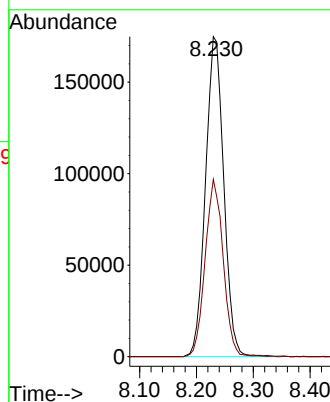
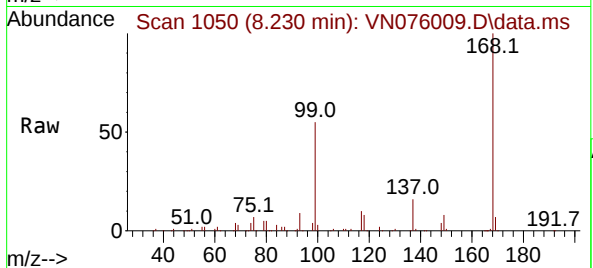




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076009.D
Acq: 28 Dec 2022 18:56

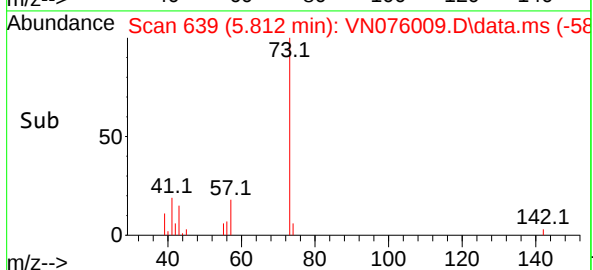
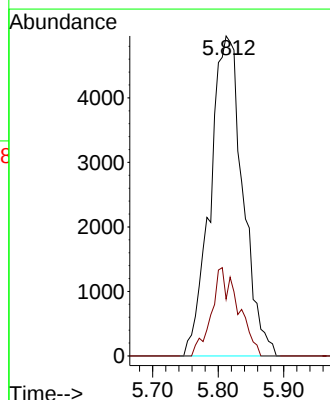
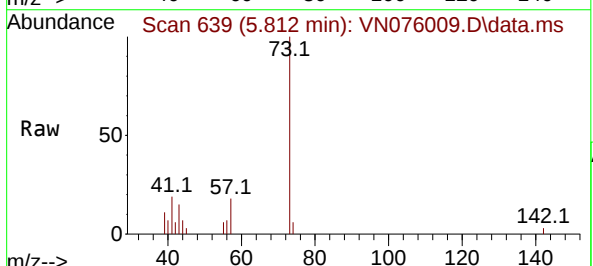
Instrument :
MSVOA_N
ClientSampleId :
MW-11

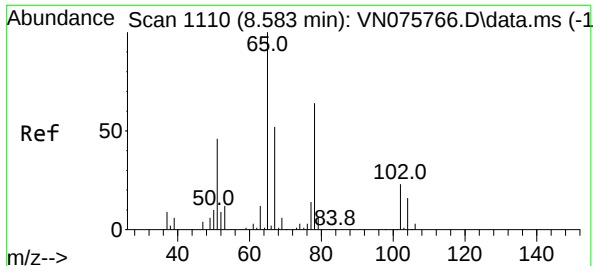
Tgt Ion:168 Resp: 389010
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 1.507 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076009.D
Acq: 28 Dec 2022 18:56

Tgt Ion: 73 Resp: 17111
Ion Ratio Lower Upper
73 100
57 17.7 17.1 25.7





#33

1,2-Dichloroethane-d4

Concen: 45.472 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076009.D

Acq: 28 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

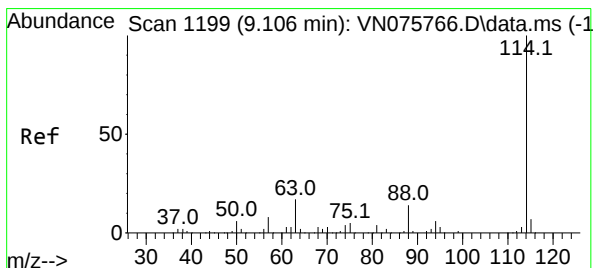
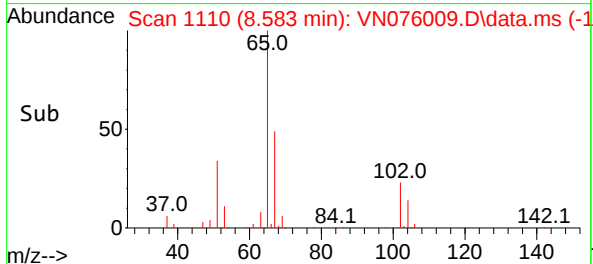
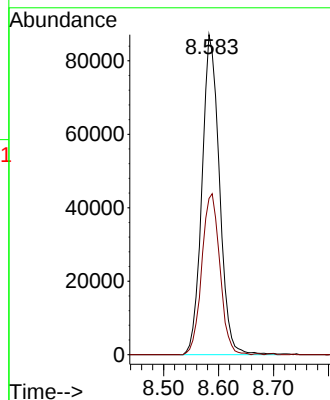
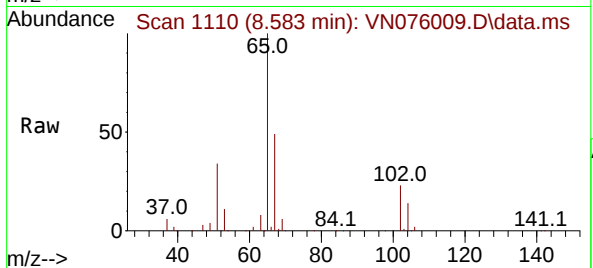
MW-11

Tgt Ion: 65 Resp: 192442

Ion Ratio Lower Upper

65 100

67 52.0 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: VN076009.D

Acq: 28 Dec 2022 18:56

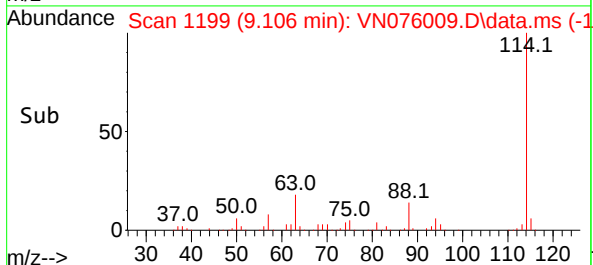
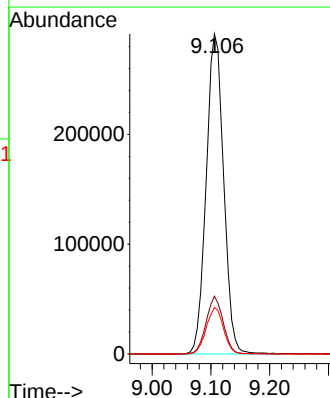
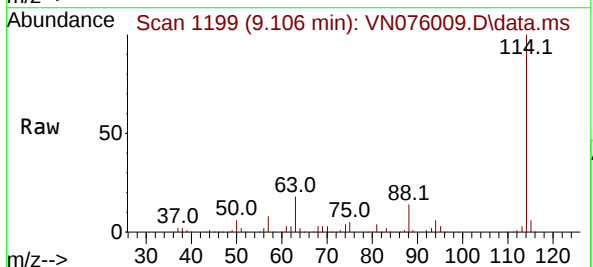
Tgt Ion: 114 Resp: 602847

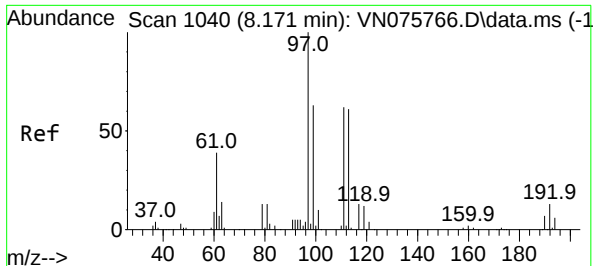
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.962 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076009.D

Acq: 28 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

MW-11

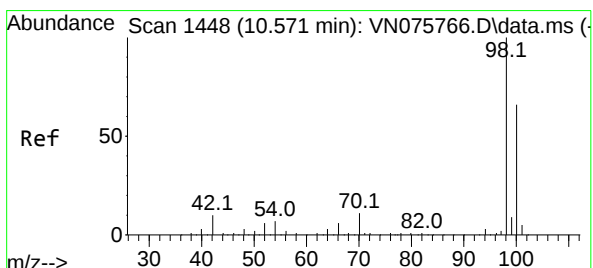
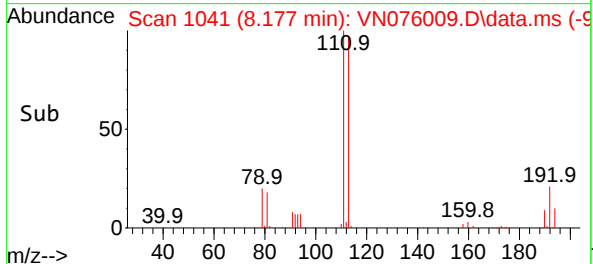
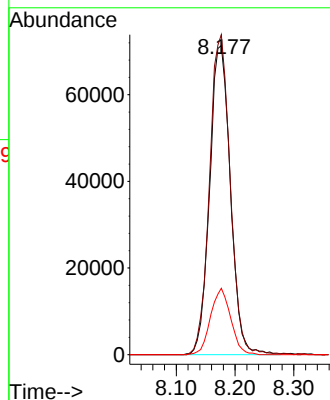
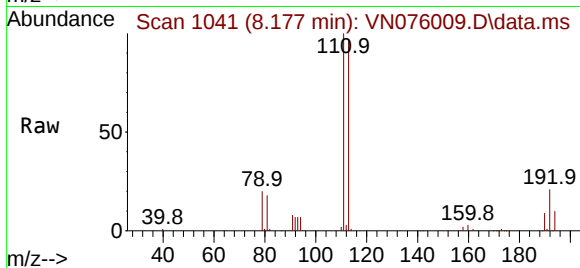
Tgt Ion:113 Resp: 175327

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 20.8 16.1 24.1



#50

Toluene-d8

Concen: 48.458 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076009.D

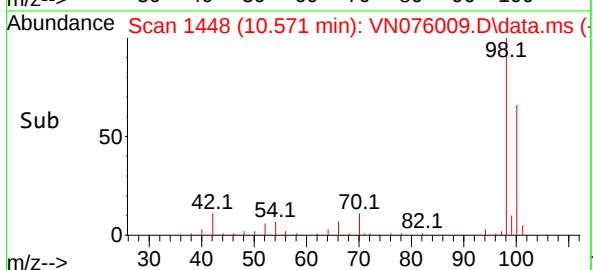
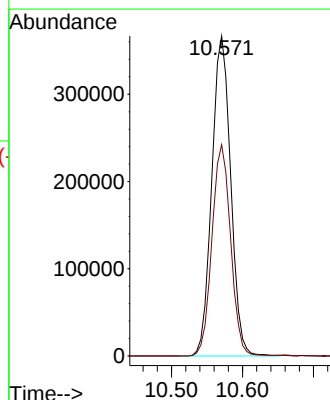
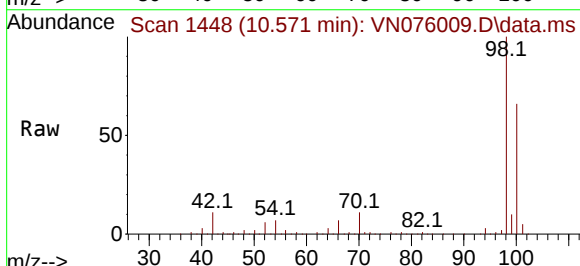
Acq: 28 Dec 2022 18:56

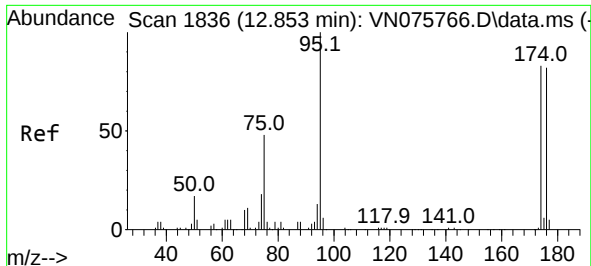
Tgt Ion: 98 Resp: 676409

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

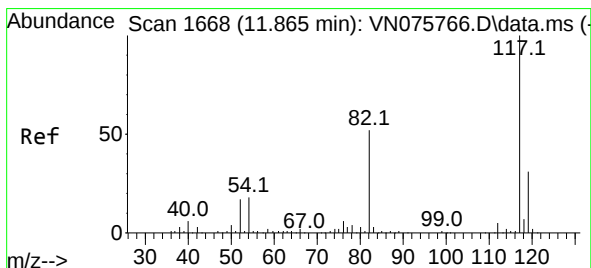
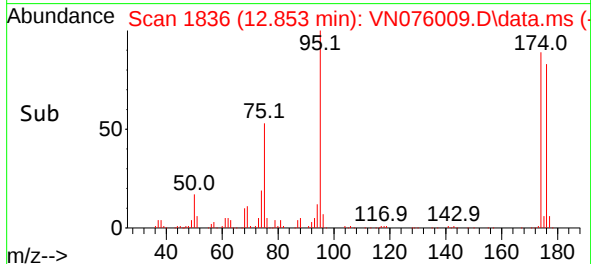
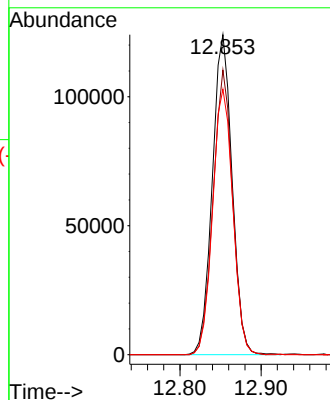
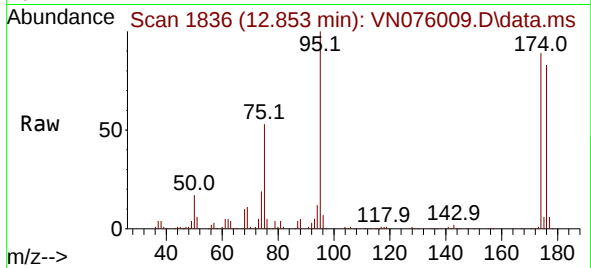




#62
4-Bromofluorobenzene
Concen: 45.446 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076009.D
Acq: 28 Dec 2022 18:56

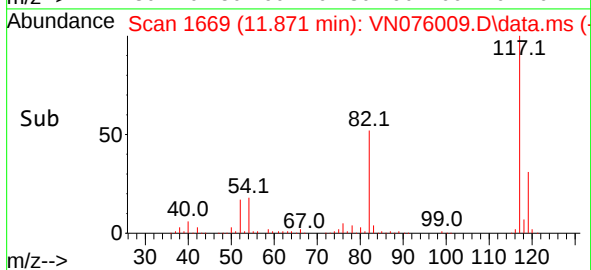
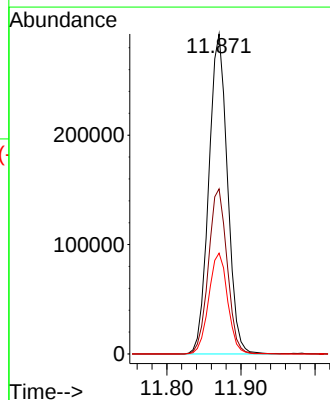
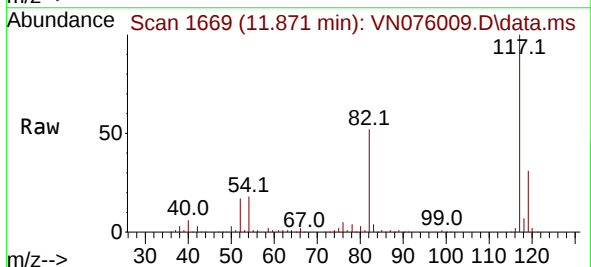
Instrument :
MSVOA_N
ClientSampleId :
MW-11

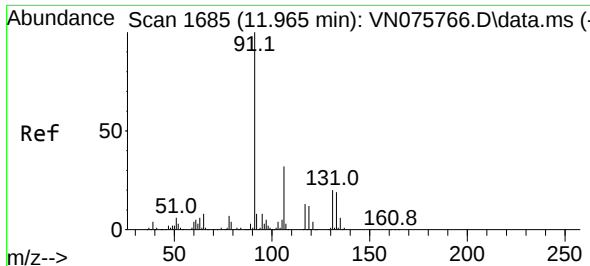
Tgt Ion: 95 Resp: 210107
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076009.D
Acq: 28 Dec 2022 18:56

Tgt Ion: 117 Resp: 510956
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.5 24.6 37.0





#67

Ethyl Benzene

Concen: 0.849 ug/l

RT: 11.971 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076009.D

Acq: 28 Dec 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

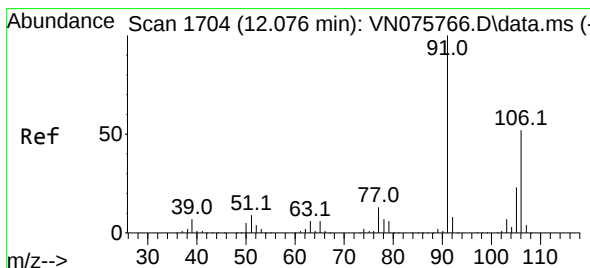
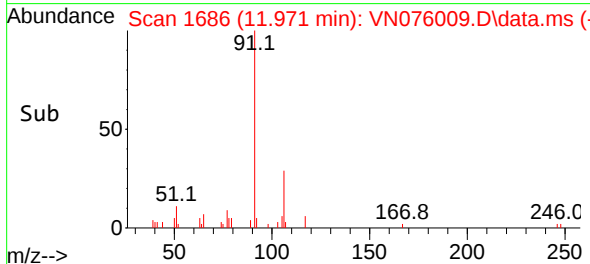
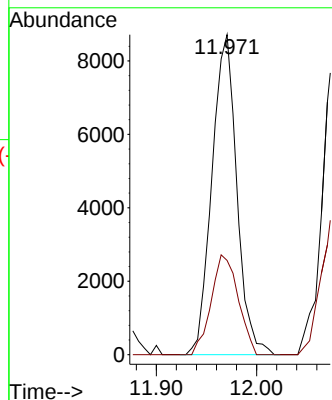
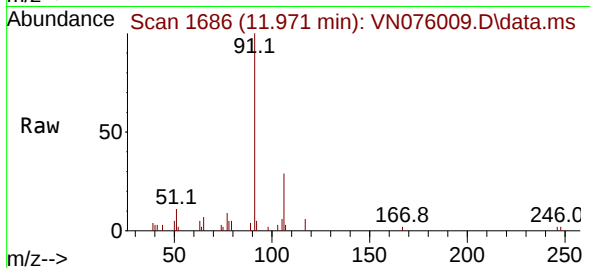
MW-11

Tgt Ion: 91 Resp: 15028

Ion Ratio Lower Upper

91 100

106 29.5 25.7 38.5



#68

m/p-Xylenes

Concen: 1.223 ug/l

RT: 12.082 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN076009.D

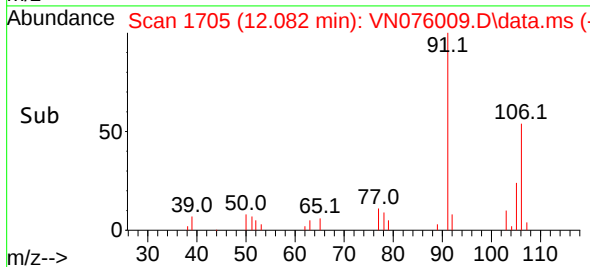
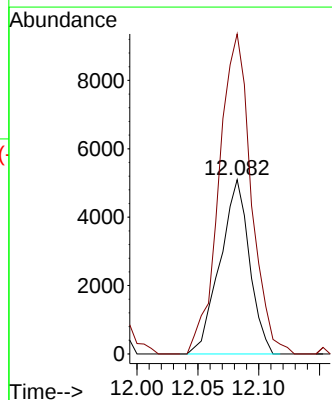
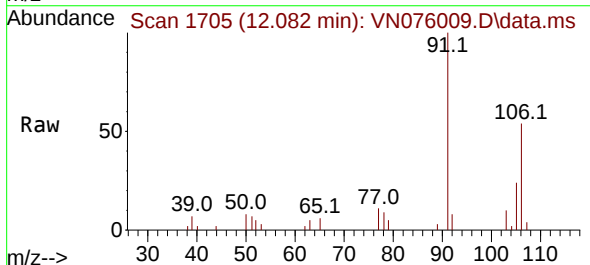
Acq: 28 Dec 2022 18:56

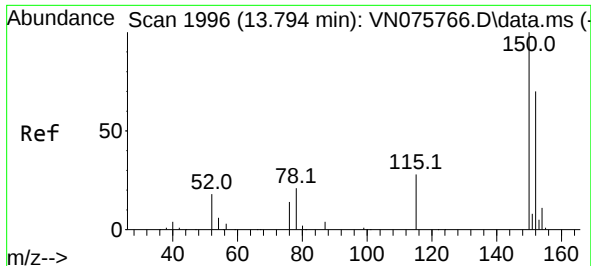
Tgt Ion: 106 Resp: 8566

Ion Ratio Lower Upper

106 100

91 201.2 156.6 235.0

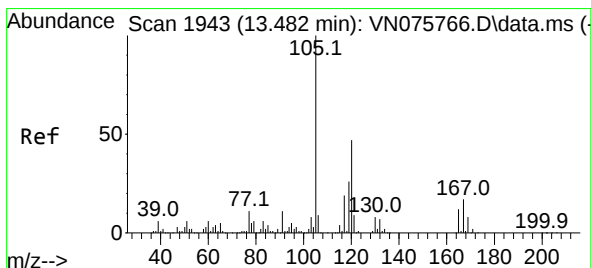
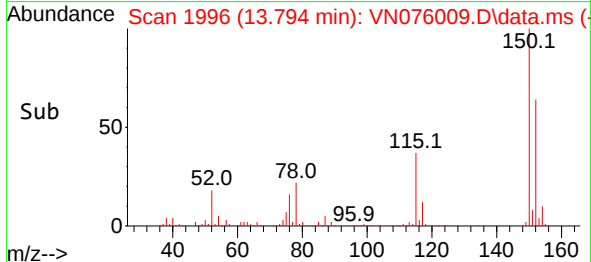
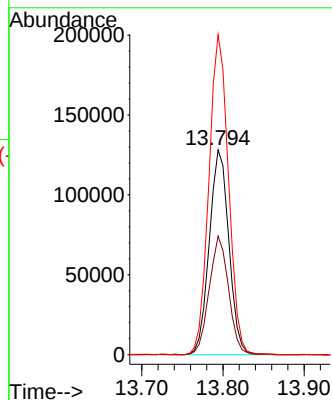
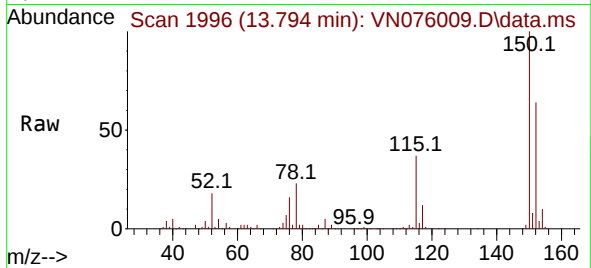




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076009.D
 Acq: 28 Dec 2022 18:56

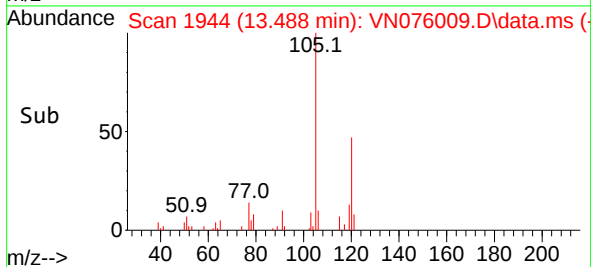
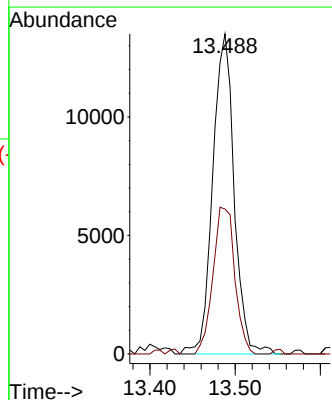
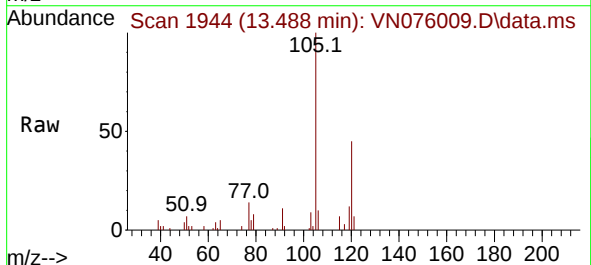
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

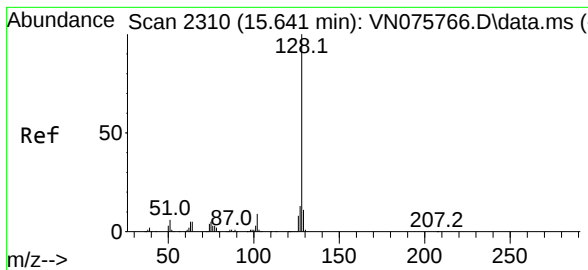
Tgt Ion:152 Resp: 214703
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.4
 150 155.8 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.830 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076009.D
 Acq: 28 Dec 2022 18:56

Tgt Ion:105 Resp: 23570
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8





#95
Naphthalene
Concen: 7.409 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076009.D
Acq: 28 Dec 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:	128	Resp:	63916
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.7	13.1

