

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077465.D
 Acq On : 25 Apr 2023 12:07
 Operator : JC\MD
 Sample : 02460-05 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Apr 25 14:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

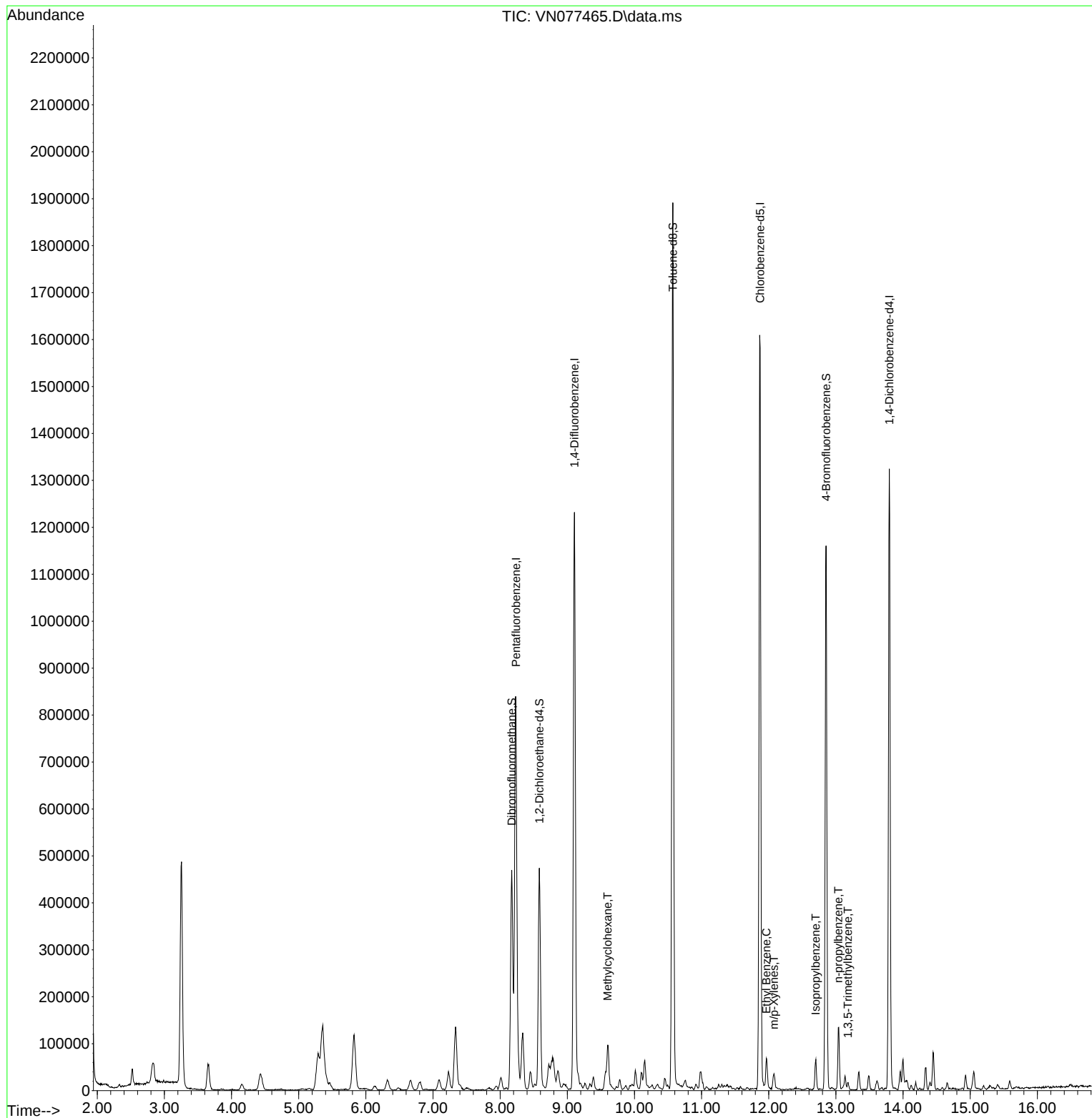
Internal Standards						
1) Pentafluorobenzene	8.236	168	581660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1098283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	987080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	371769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	382619	50.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.172	113	336095	50.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	10.571	98	1346639	53.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.854	95	421111	50.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.740%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.601	83	46113	3.670	ug/l	95
67) Ethyl Benzene	11.965	91	44228	1.203	ug/l	97
68) m/p-Xylenes	12.077	106	12072	0.845	ug/l	98
73) Isopropylbenzene	12.701	105	44197	1.281	ug/l	98
78) n-propylbenzene	13.036	91	110966	2.909	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	6131	0.239	ug/l	100

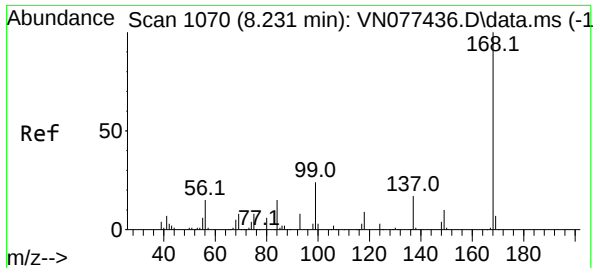
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
Data File : VN077465.D
Acq On : 25 Apr 2023 12:07
Operator : JC\MD
Sample : 02460-05 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: Apr 25 14:07:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

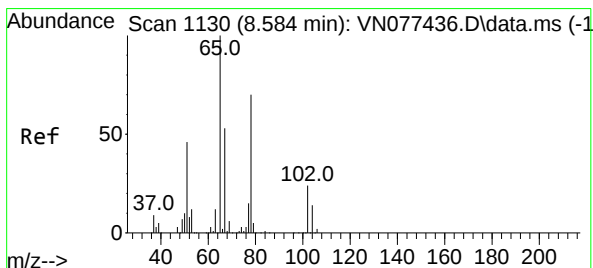
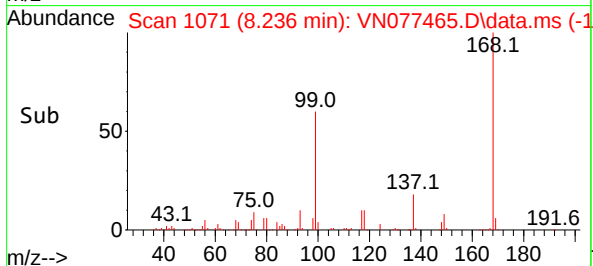
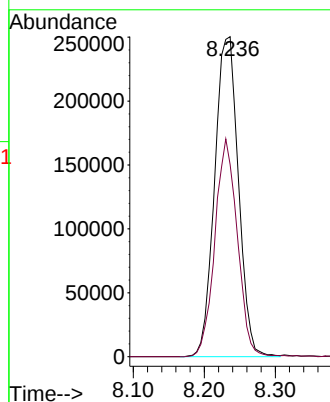
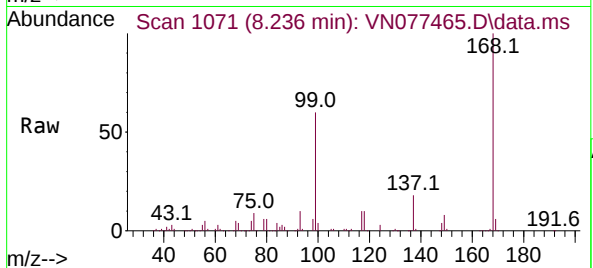




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

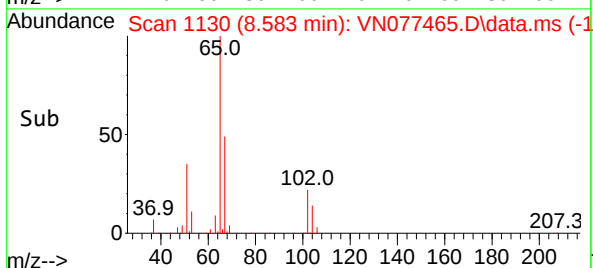
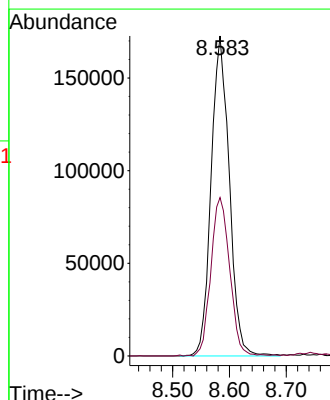
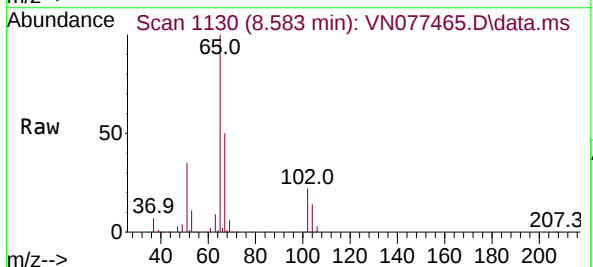
Instrument :
MSVOA_N
ClientSampleId :
MW-4

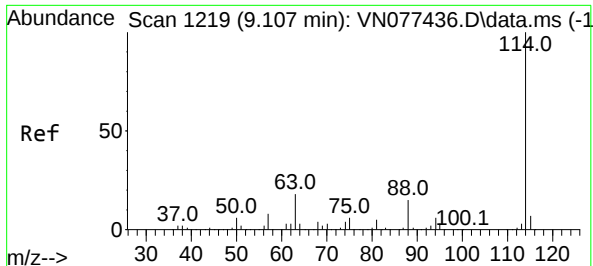
Tgt Ion:168 Resp: 581660
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.411 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

Tgt Ion: 65 Resp: 382619
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077465.D

Acq: 25 Apr 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4

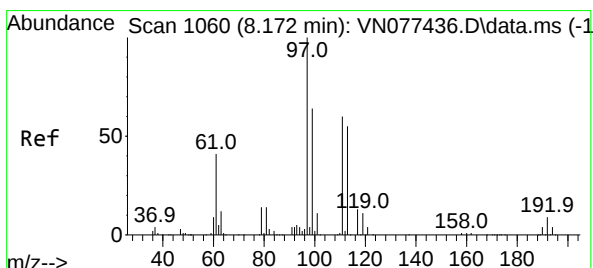
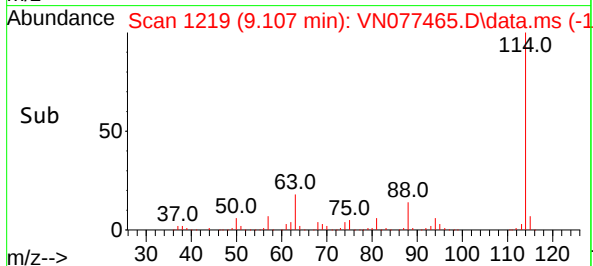
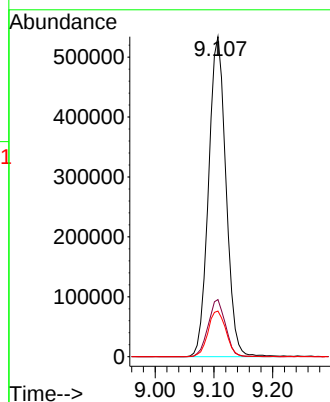
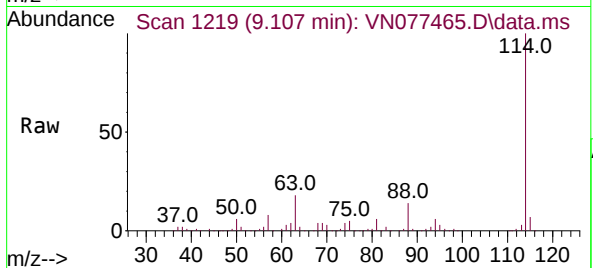
Tgt Ion:114 Resp: 1098283

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.915 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077465.D

Acq: 25 Apr 2023 12:07

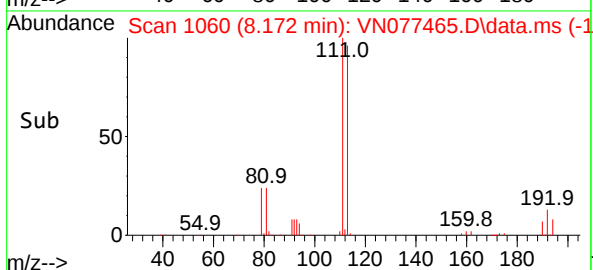
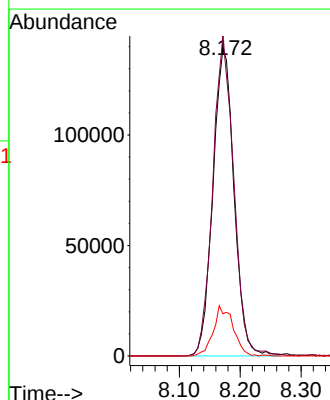
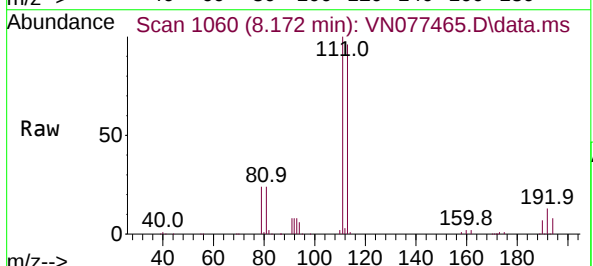
Tgt Ion:113 Resp: 336095

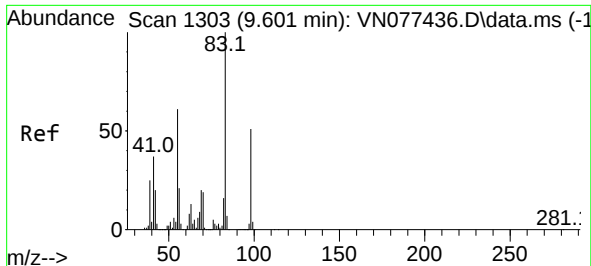
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 15.2 12.7 19.1





#39

Methylcyclohexane

Concen: 3.670 ug/l

RT: 9.601 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077465.D

Acq: 25 Apr 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

MW-4

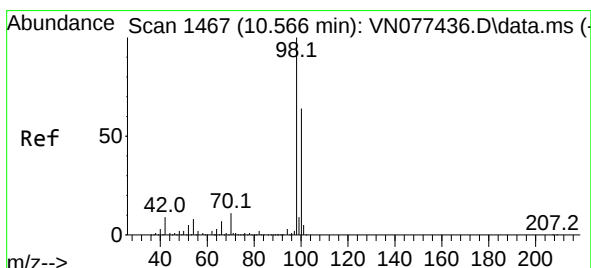
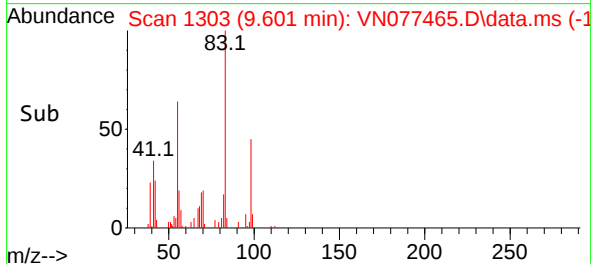
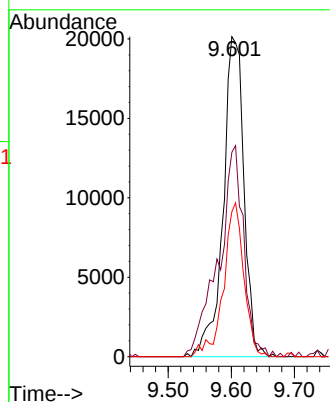
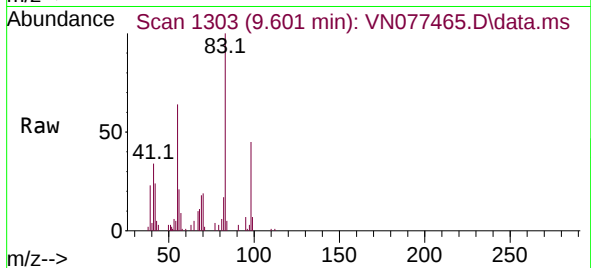
Tgt Ion: 83 Resp: 46113

Ion Ratio Lower Upper

83 100

55 63.9 49.1 73.7

98 45.3 40.6 61.0



#50

Toluene-d8

Concen: 53.228 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077465.D

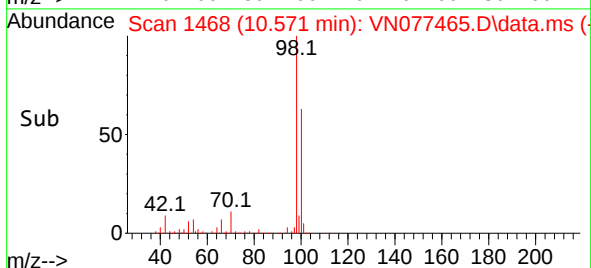
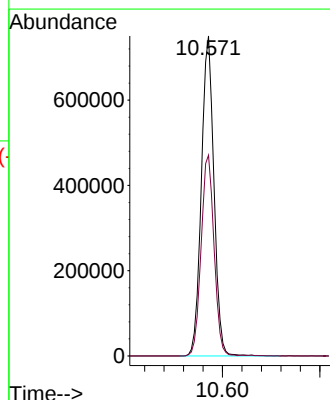
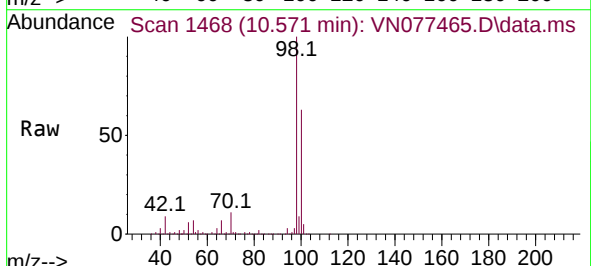
Acq: 25 Apr 2023 12:07

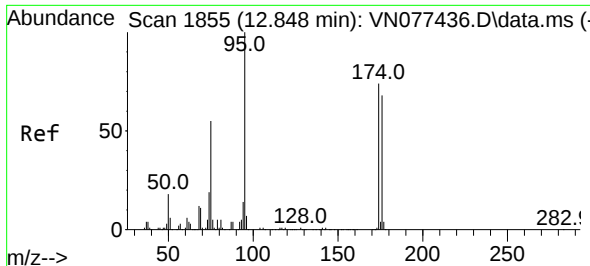
Tgt Ion: 98 Resp: 1346639

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

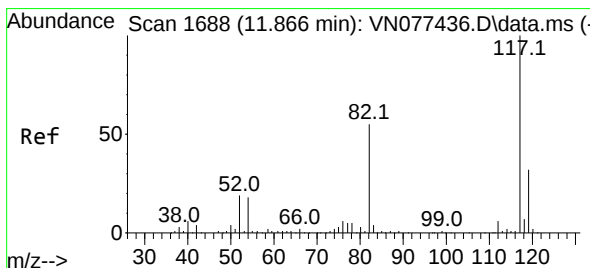
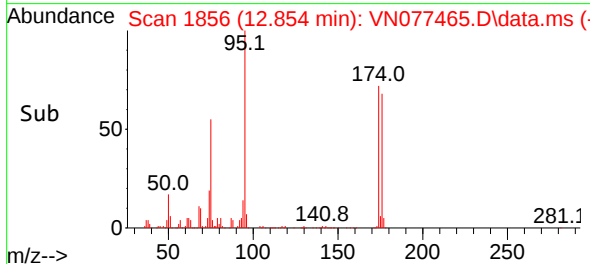
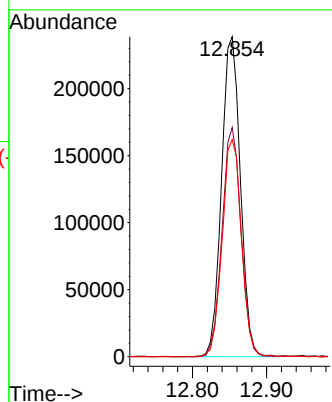
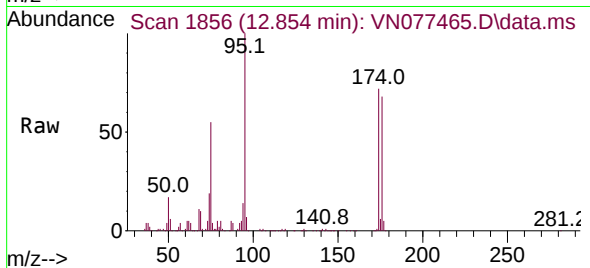




#62
4-Bromofluorobenzene
Concen: 50.875 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

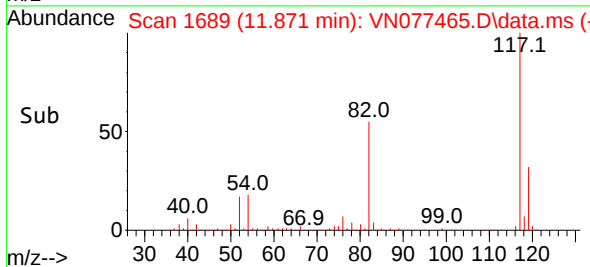
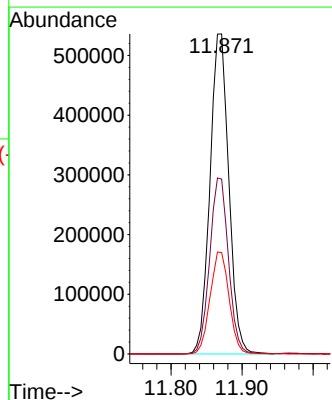
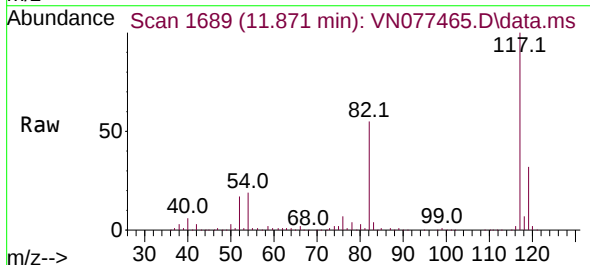
Instrument :
MSVOA_N
ClientSampleId :
MW-4

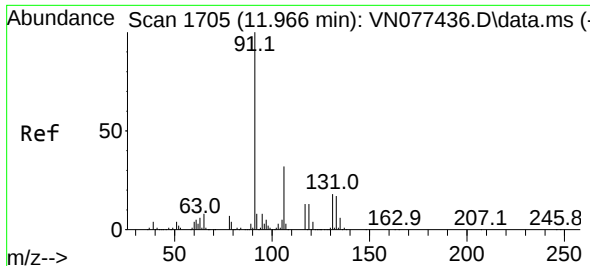
Tgt Ion: 95 Resp: 421111
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.8
176 69.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

Tgt Ion: 117 Resp: 987080
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.7 25.6 38.4

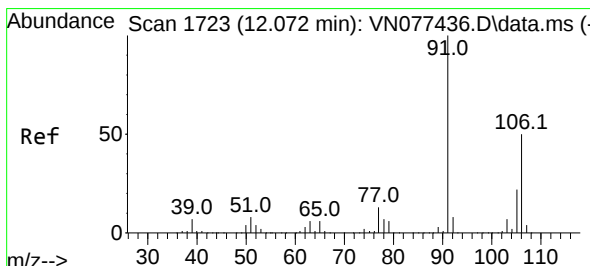
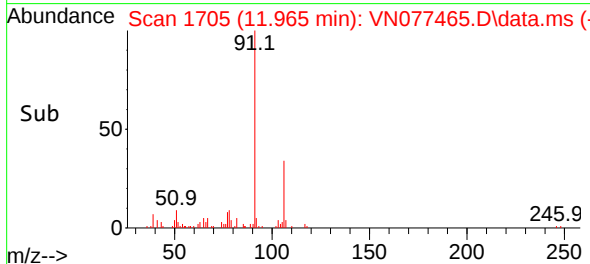
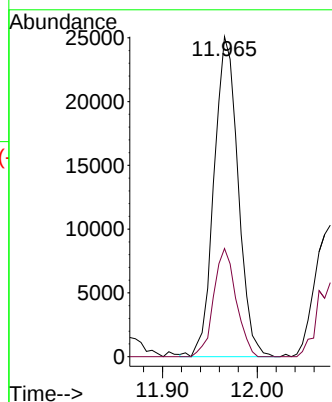
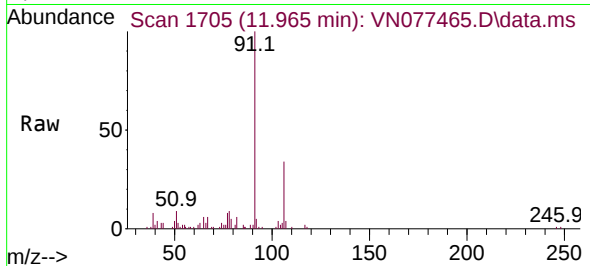




#67
Ethyl Benzene
Concen: 1.203 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

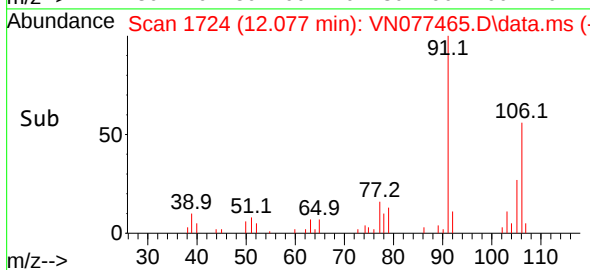
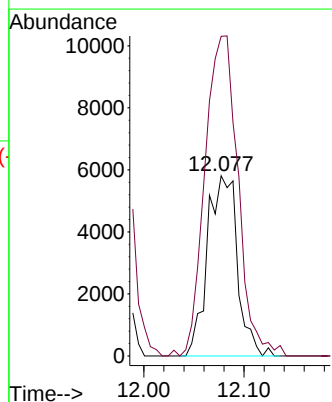
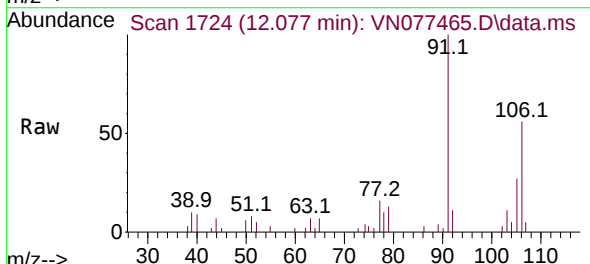
Instrument :
MSVOA_N
ClientSampleId :
MW-4

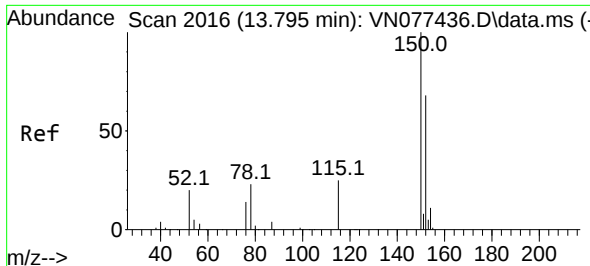
Tgt Ion: 91 Resp: 44228
Ion Ratio Lower Upper
91 100
106 33.8 25.6 38.4



#68
m/p-Xylenes
Concen: 0.845 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

Tgt Ion:106 Resp: 12072
Ion Ratio Lower Upper
106 100
91 196.2 159.6 239.4

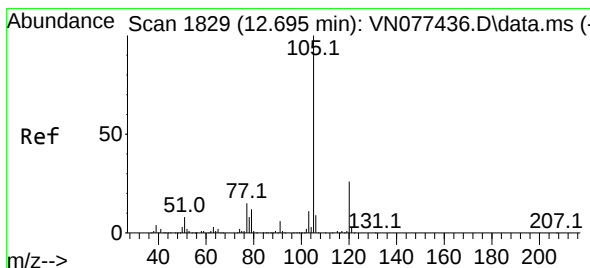
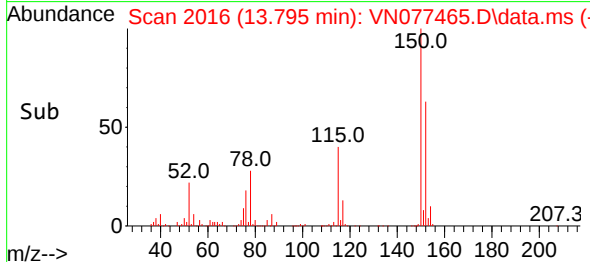
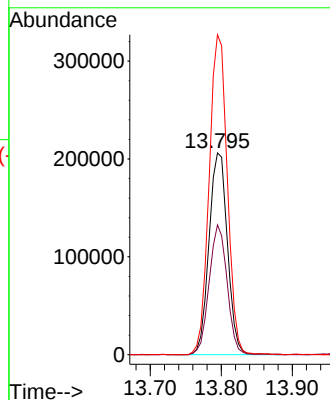
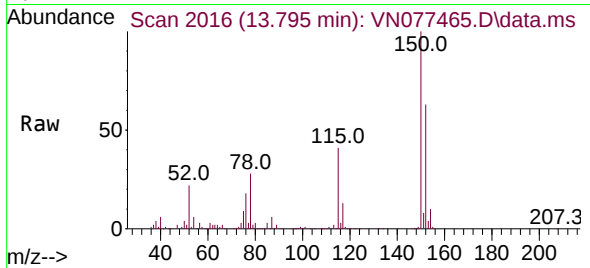




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

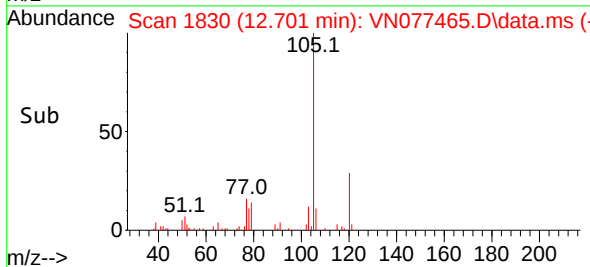
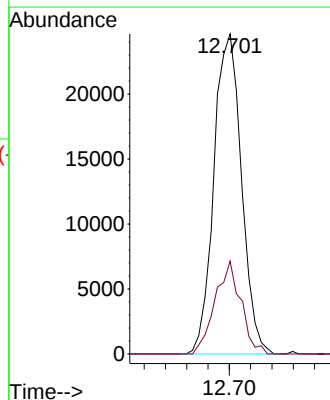
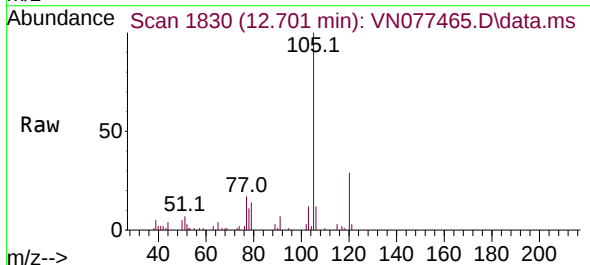
Instrument :
MSVOA_N
ClientSampleId :
MW-4

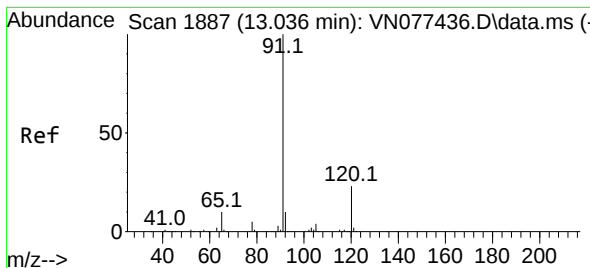
Tgt Ion:152 Resp: 371769
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 155.9 0.0 355.8



#73
Isopropylbenzene
Concen: 1.281 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077465.D
Acq: 25 Apr 2023 12:07

Tgt Ion:105 Resp: 44197
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1





#78

n-propylbenzene

Concen: 2.909 ug/l

RT: 13.036 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077465.D

Acq: 25 Apr 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

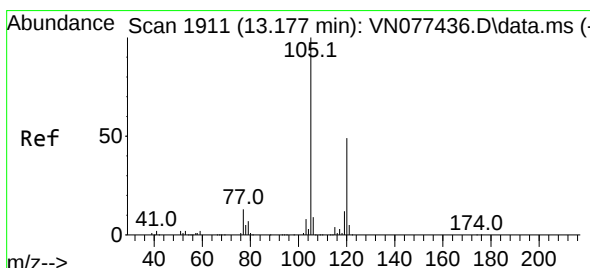
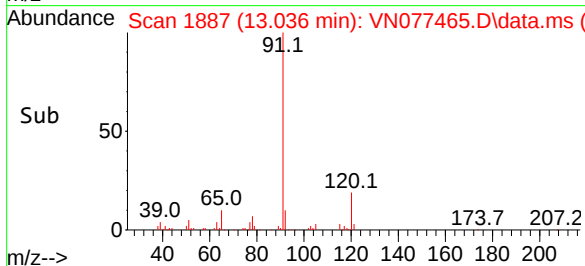
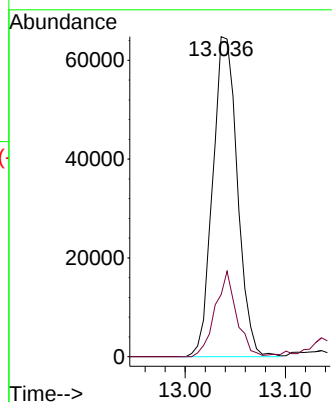
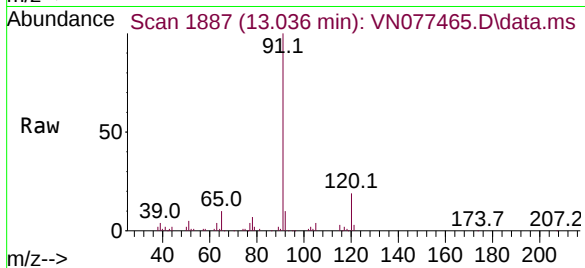
MW-4

Tgt Ion: 91 Resp: 110966

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.239 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077465.D

Acq: 25 Apr 2023 12:07

Tgt Ion:105 Resp: 6131

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.3

