

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035365.D
 Acq On : 28 Apr 2023 04:59
 Operator : JC/MD
 Sample : 02522-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Apr 28 06:44:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

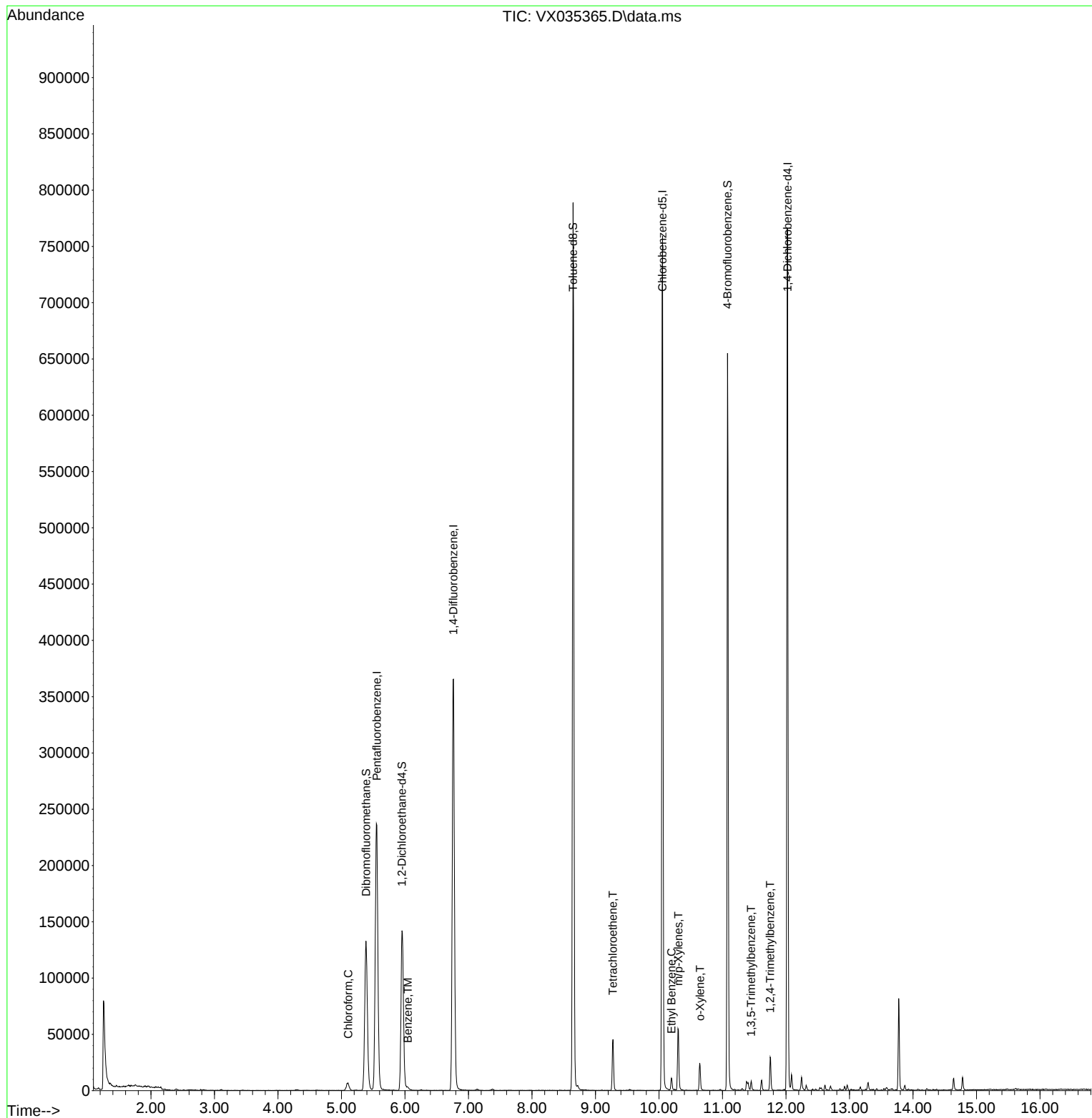
Internal Standards						
1) Pentafluorobenzene	5.556	168	234561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141133	49.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.740%
35) Dibromofluoromethane	5.385	113	118423	49.557	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	8.647	98	459114	50.931	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	178718	52.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						
					Qvalue	
30) Chloroform	5.105	83	8603	1.907	ug/l	99
40) Benzene	6.044	78	2785	0.260	ug/l #	84
64) Tetrachloroethene	9.275	164	8662	3.125	ug/l	98
67) Ethyl Benzene	10.195	91	7186	0.530	ug/l	99
68) m/p-Xylenes	10.305	106	13388	2.576	ug/l	91
69) o-Xylene	10.647	106	6015	1.180	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	4130	0.387	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	14104	1.314	ug/l	99

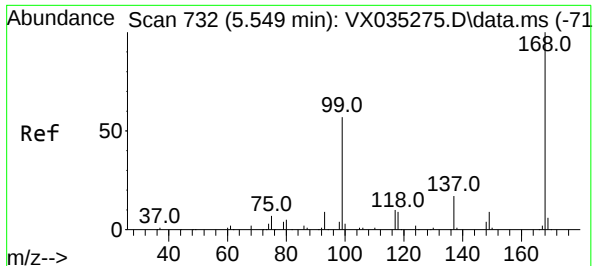
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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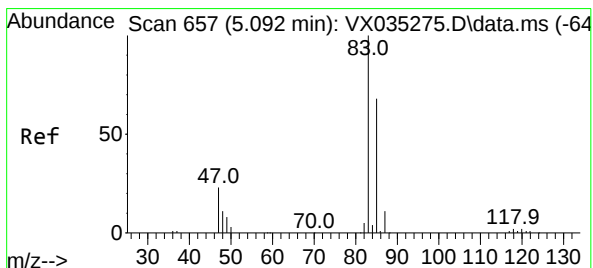
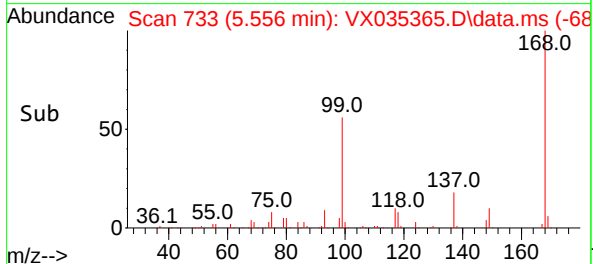
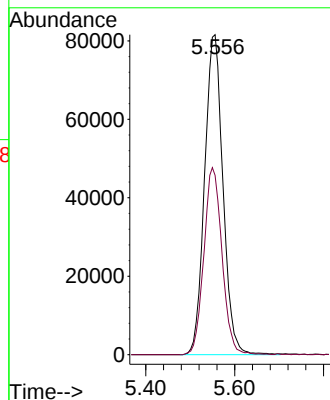
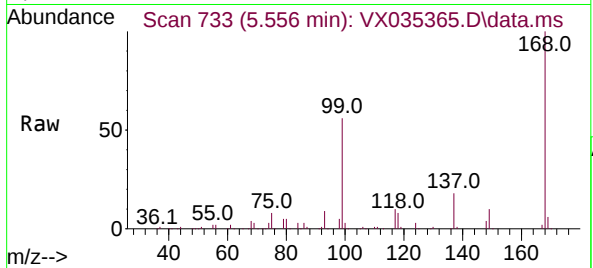




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

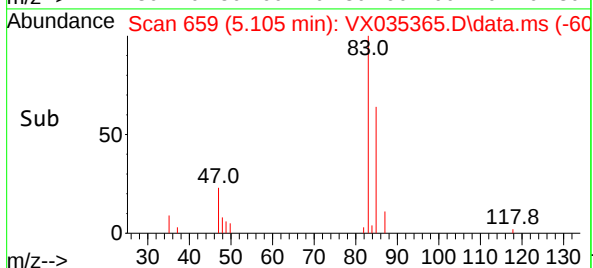
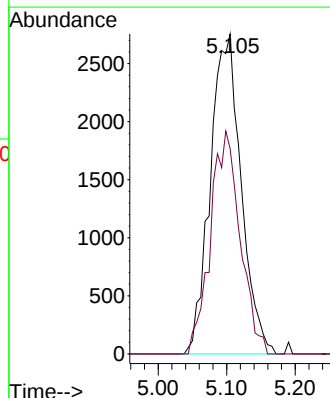
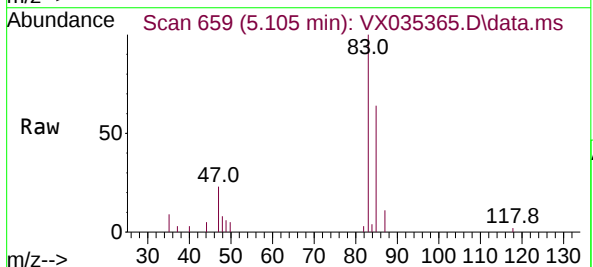
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

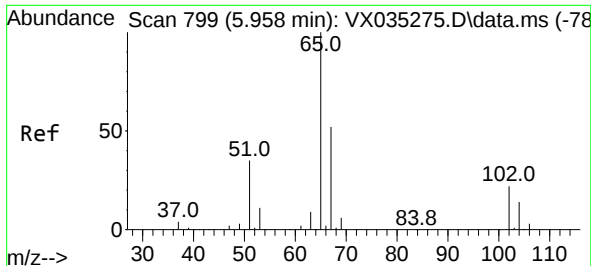
Tgt Ion:168 Resp: 234561
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5



#30
Chloroform
Concen: 1.907 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 83 Resp: 8603
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 49.873 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035365.D

Acq: 28 Apr 2023 04:59

Instrument :

MSVOA_X

ClientSampleId :

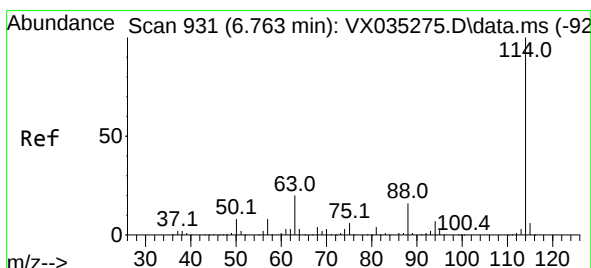
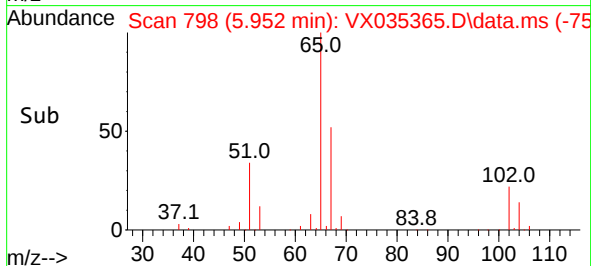
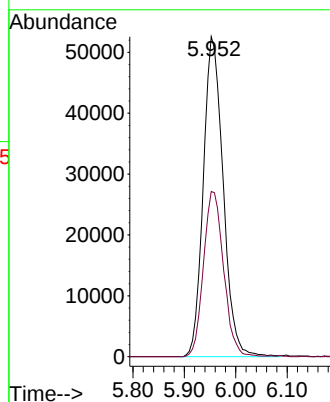
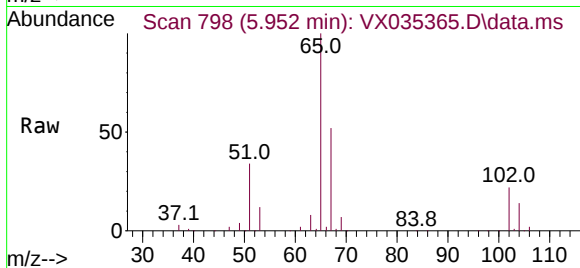
MW-10D

Tgt Ion: 65 Resp: 141133

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035365.D

Acq: 28 Apr 2023 04:59

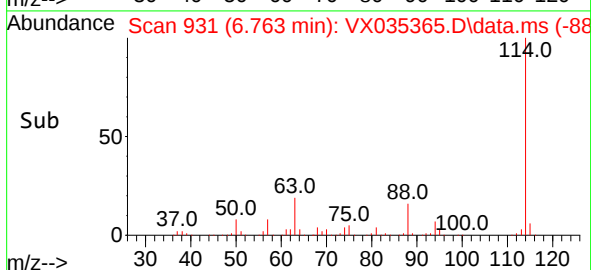
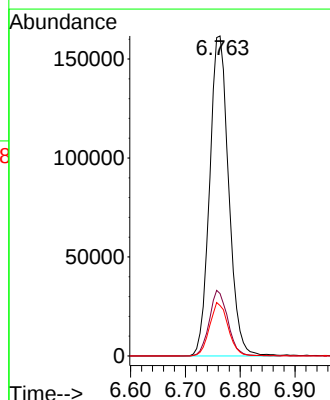
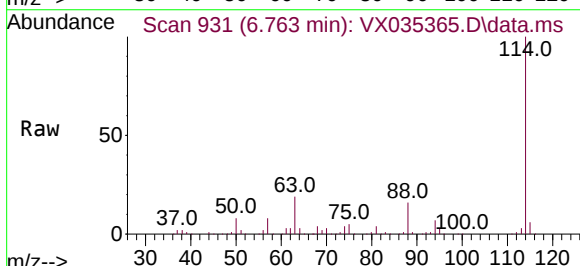
Tgt Ion: 114 Resp: 389337

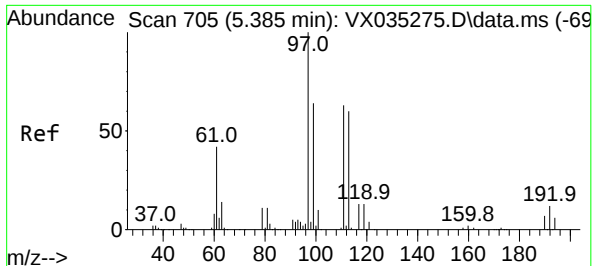
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.2

88 15.7 0.0 33.2

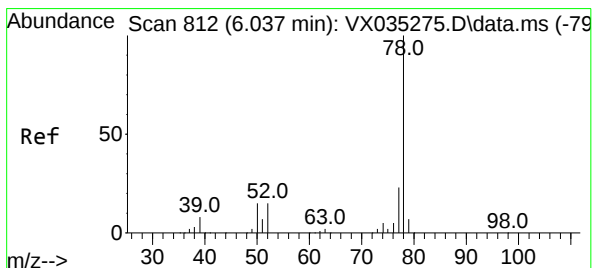
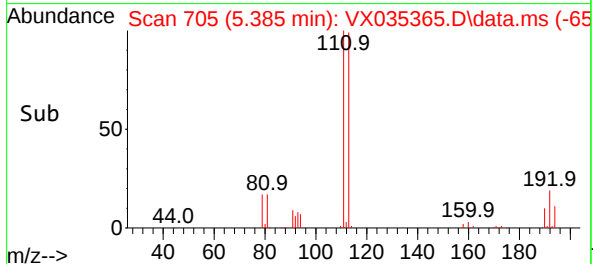
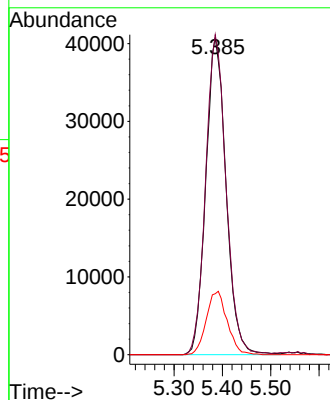
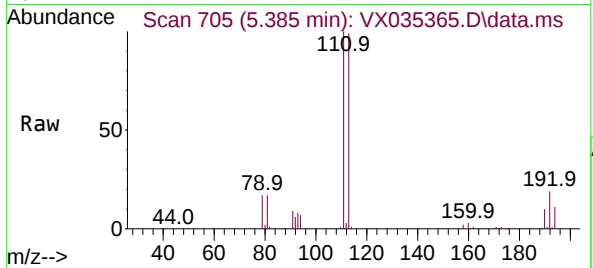




#35
Dibromofluoromethane
Concen: 49.557 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

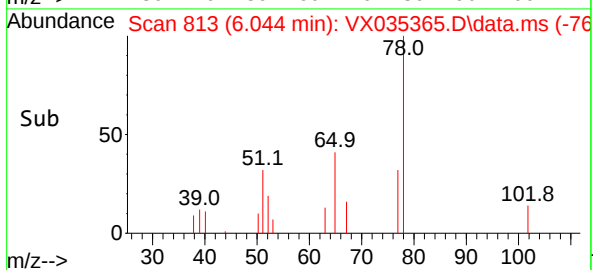
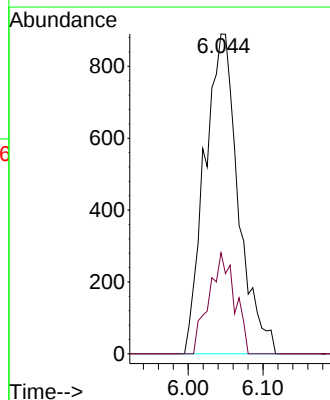
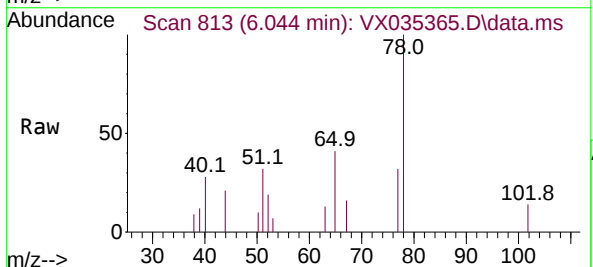
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

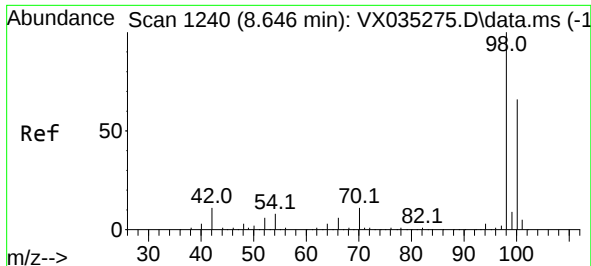
Tgt Ion:113 Resp: 118423
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 20.6 15.4 23.2



#40
Benzene
Concen: 0.260 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 78 Resp: 2785
Ion Ratio Lower Upper
78 100
77 31.6 19.0 28.4#

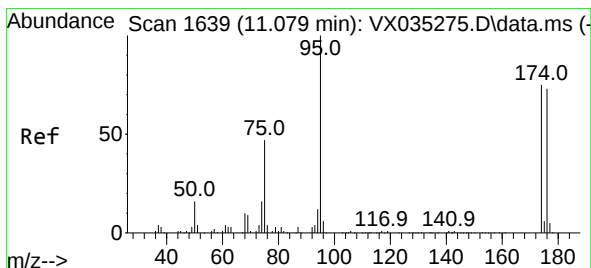
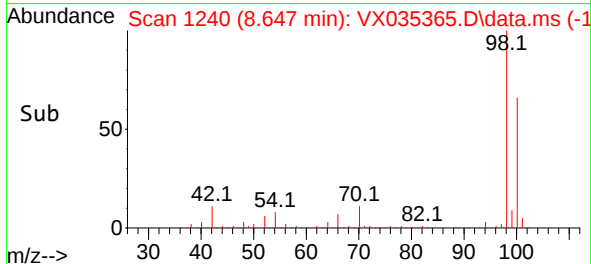
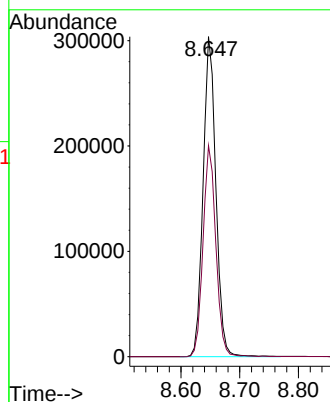
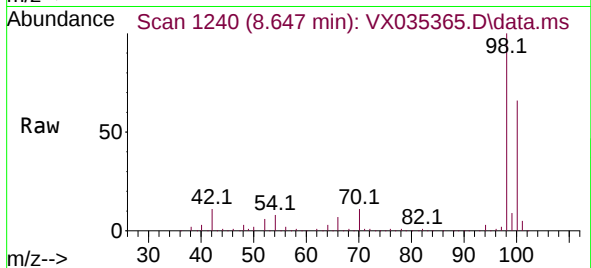




#50
Toluene-d8
Concen: 50.931 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

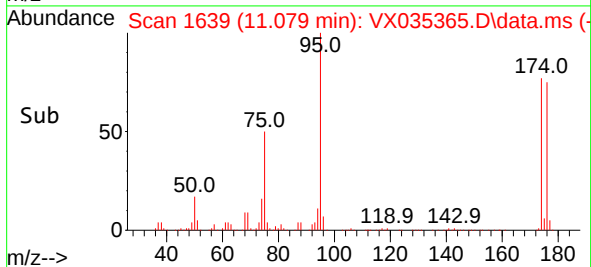
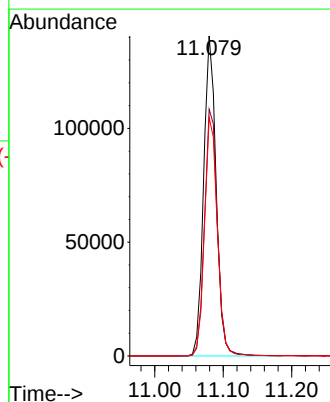
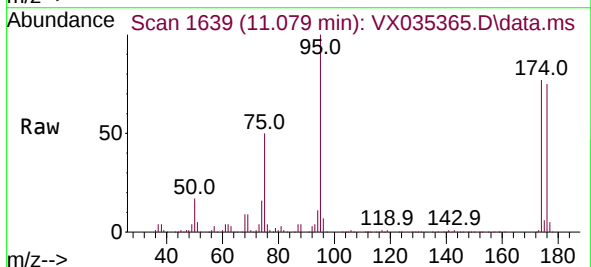
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

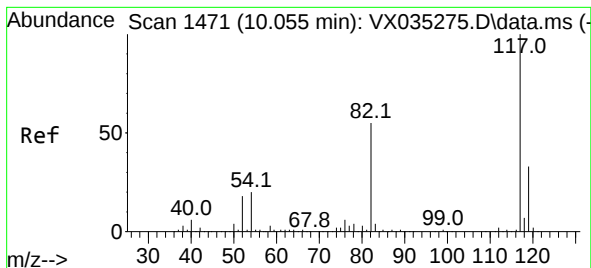
Tgt Ion: 98 Resp: 459114
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion: 95 Resp: 178718
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 76.5 0.0 140.6

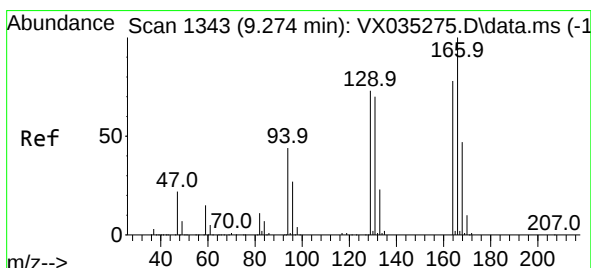
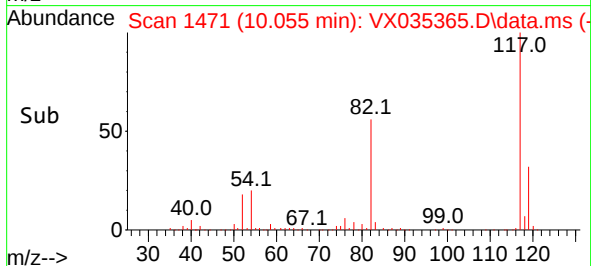
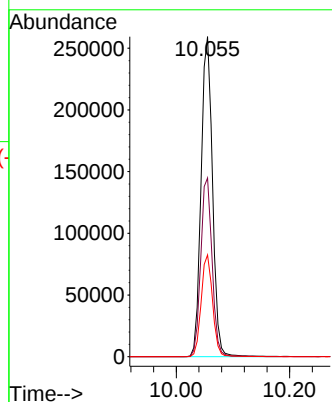
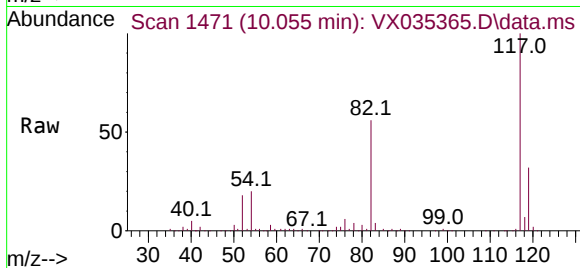




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

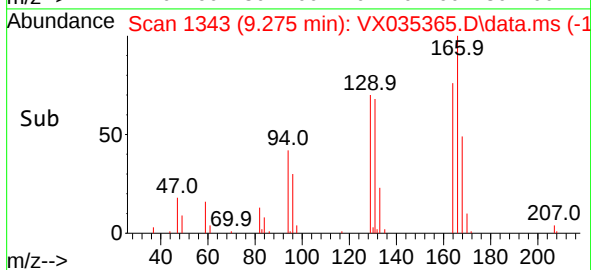
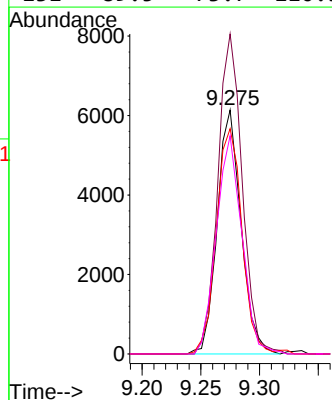
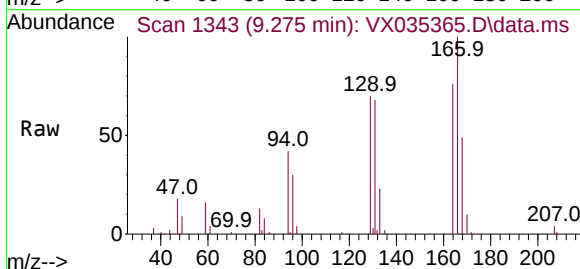
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

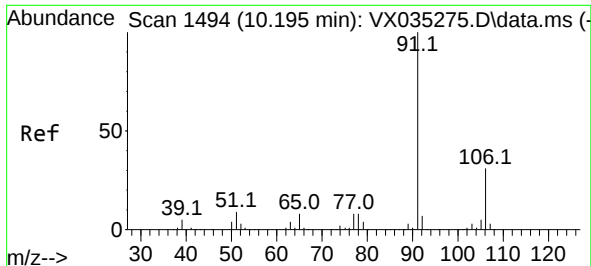
Tgt Ion:117 Resp: 361964
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 3.125 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:164 Resp: 8662
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 92.4 75.6 113.4
131 89.5 73.7 110.5





#67

Ethyl Benzene

Concen: 0.530 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035365.D

Acq: 28 Apr 2023 04:59

Instrument :

MSVOA_X

ClientSampleId :

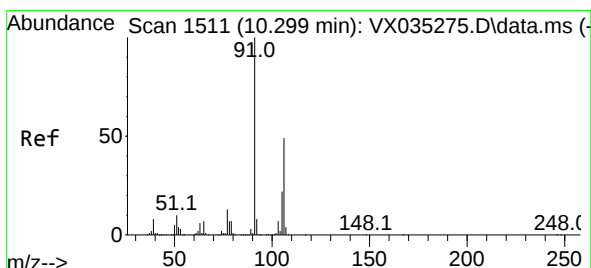
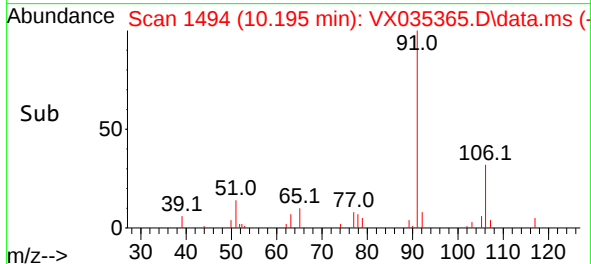
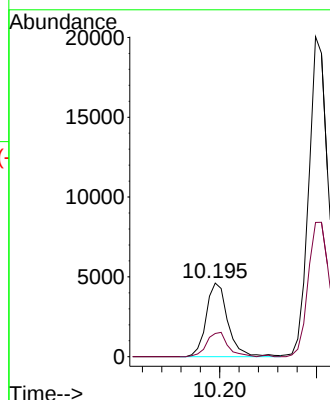
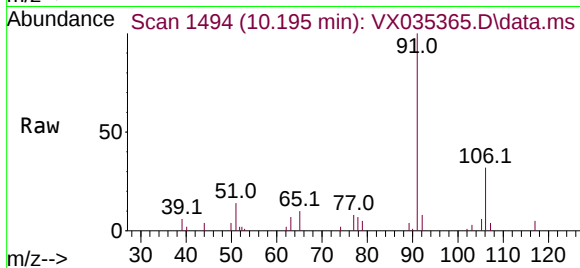
MW-10D

Tgt Ion: 91 Resp: 7186

Ion Ratio Lower Upper

91 100

106 31.5 25.6 38.4



#68

m/p-Xylenes

Concen: 2.576 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX035365.D

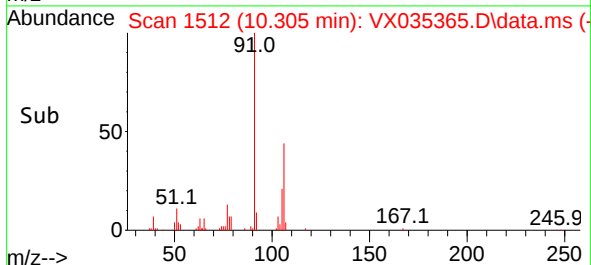
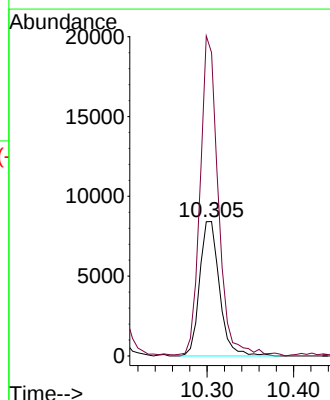
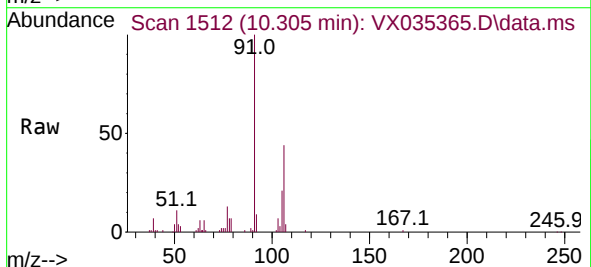
Acq: 28 Apr 2023 04:59

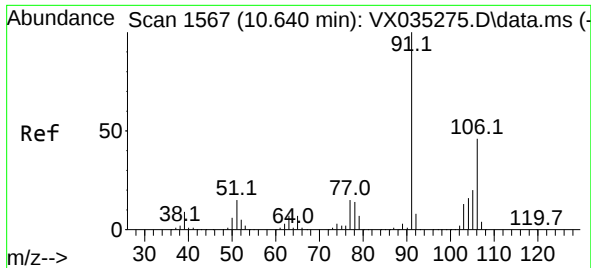
Tgt Ion: 106 Resp: 13388

Ion Ratio Lower Upper

106 100

91 218.6 164.0 246.0

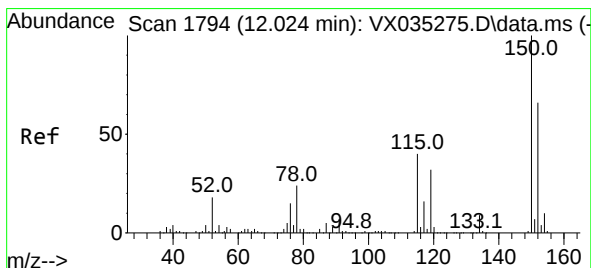
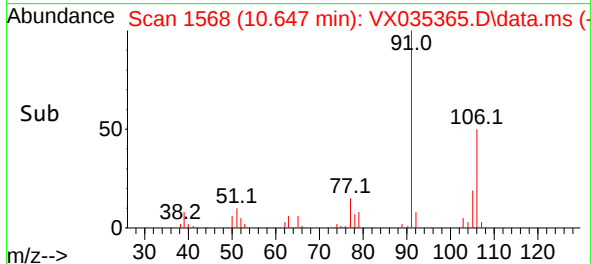
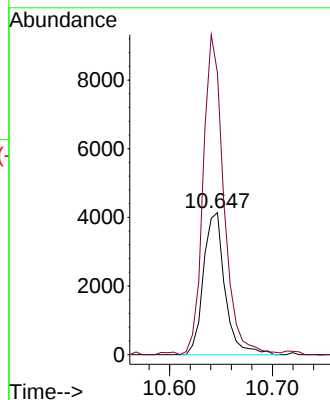
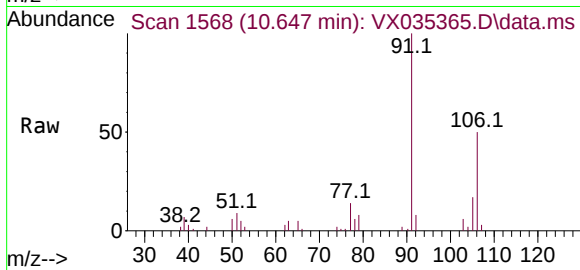




#69
o-Xylene
Concen: 1.180 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.007 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

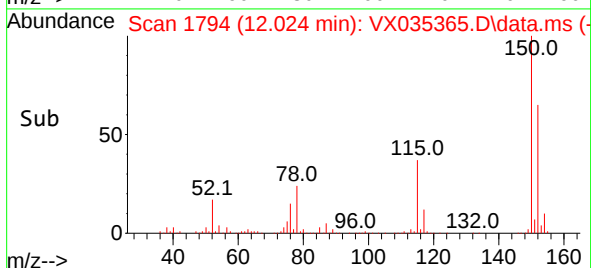
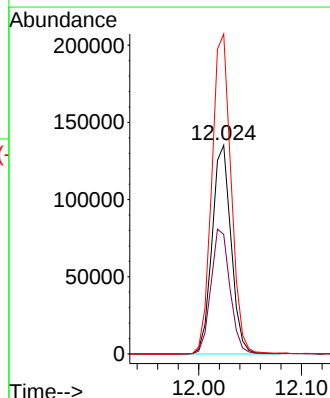
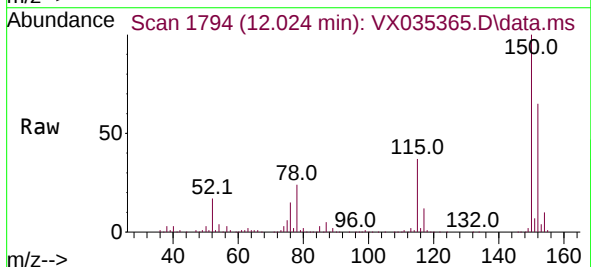
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

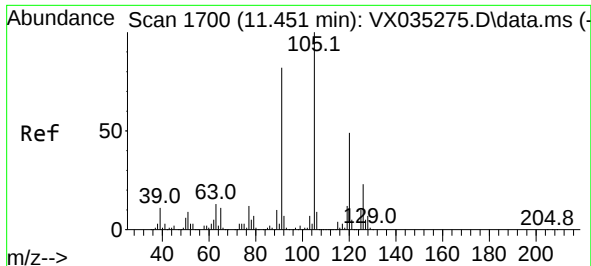
Tgt Ion:106 Resp: 6015
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035365.D
Acq: 28 Apr 2023 04:59

Tgt Ion:152 Resp: 173251
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 155.9 0.0 352.4

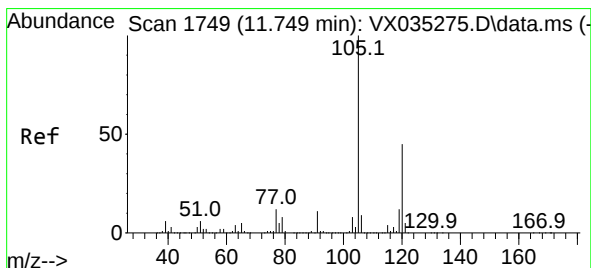
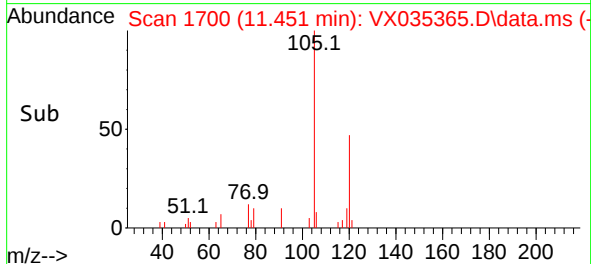
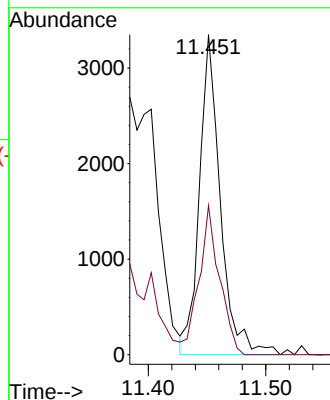
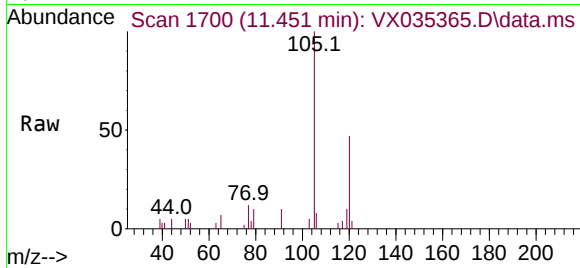




#80
 1,3,5-Trimethylbenzene
 Concen: 0.387 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX035365.D
 Acq: 28 Apr 2023 04:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Tgt Ion:105 Resp: 4130
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.7 71.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.314 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035365.D
 Acq: 28 Apr 2023 04:59

Tgt Ion:105 Resp: 14104
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.0

