

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030803.D
 Acq On : 26 Aug 2022 04:34
 Operator : JC/MD
 Sample : N4262-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Quant Time: Aug 26 05:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

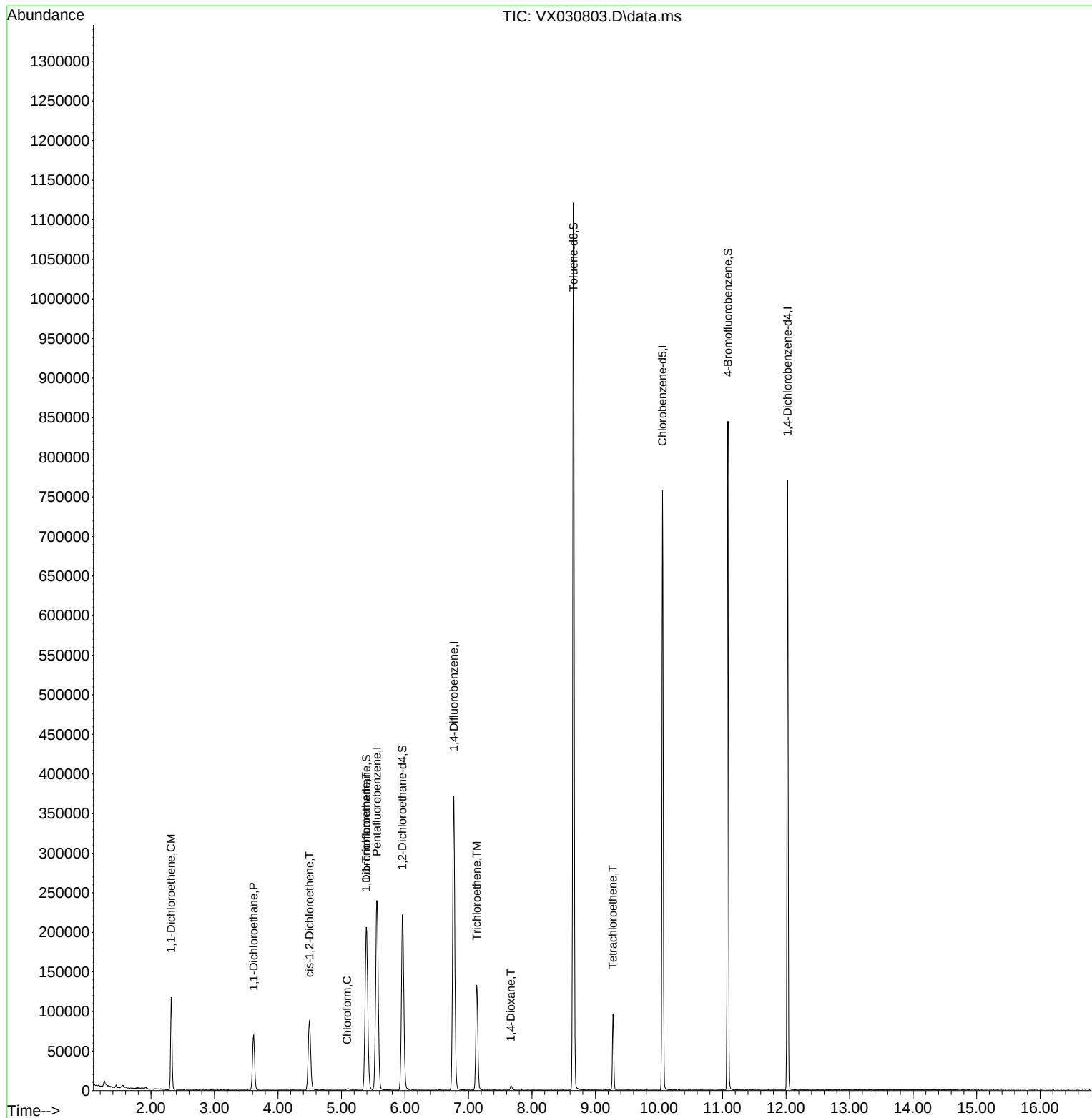
Internal Standards						
1) Pentafluorobenzene	5.555	168	235450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212525	76.737	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	153.480%#	
35) Dibromofluoromethane	5.391	113	182602	75.848	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	151.700%#	
50) Toluene-d8	8.652	98	668999	79.745	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	159.500%#	
62) 4-Bromofluorobenzene	11.085	95	226382	72.482	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	144.960%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	39609	18.558	ug/l	95
24) 1,1-Dichloroethane	3.617	63	78534	17.467	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	57284	20.225	ug/l	94
30) Chloroform	5.086	83	2335	0.493	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	6178	1.615	ug/l #	49
44) Trichloroethene	7.128	130	53500	18.880	ug/l	95
49) 1,4-Dioxane	7.665	88	4575	63.565	ug/l	96
64) Tetrachloroethene	9.274	164	18861	6.788	ug/l	98

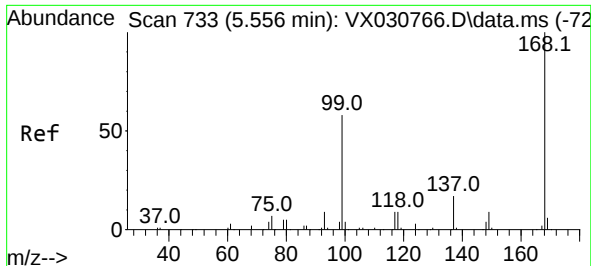
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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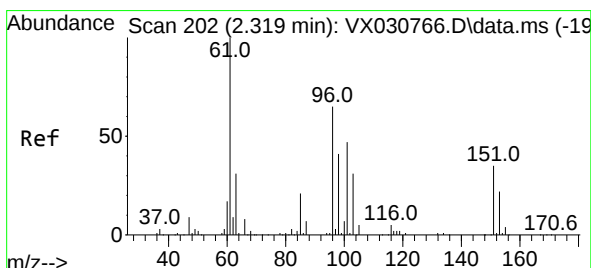
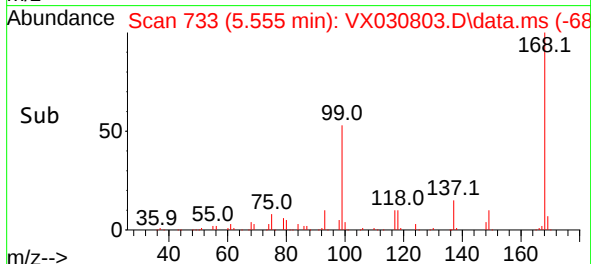
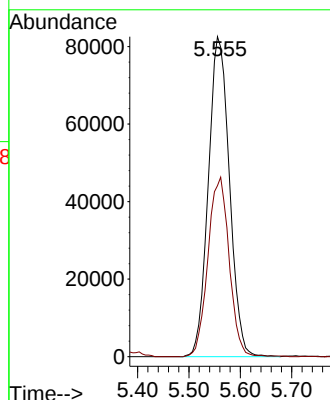
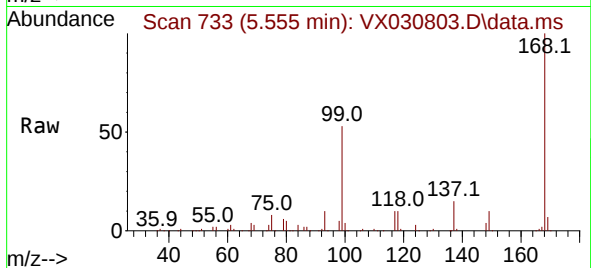




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

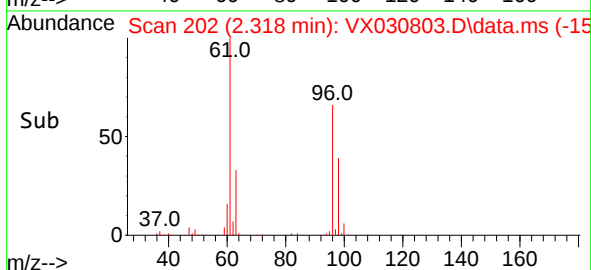
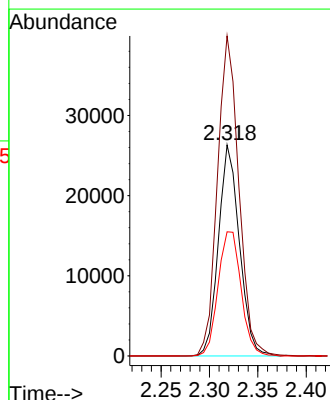
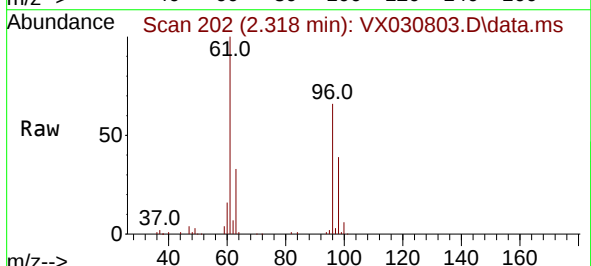
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

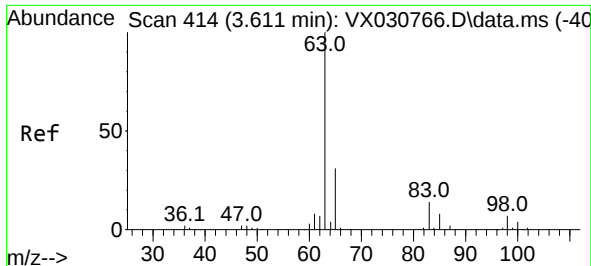
Tgt Ion:168 Resp: 235450
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#12
1,1-Dichloroethene
Concen: 18.558 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 96 Resp: 39609
Ion Ratio Lower Upper
96 100
61 151.7 117.4 176.0
98 58.8 52.2 78.4





#24

1,1-Dichloroethane

Concen: 17.467 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

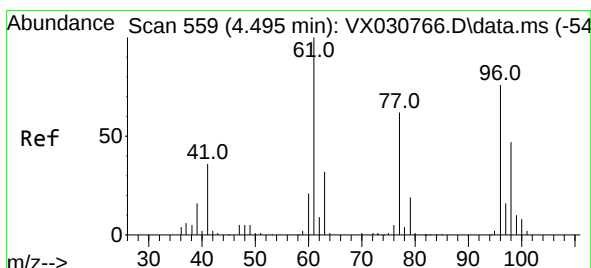
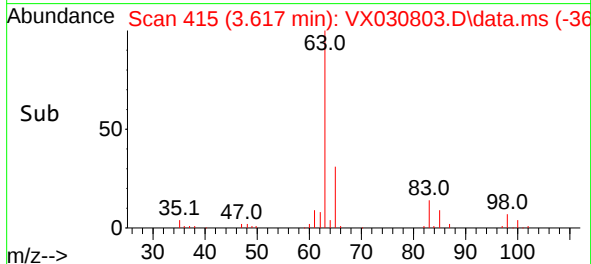
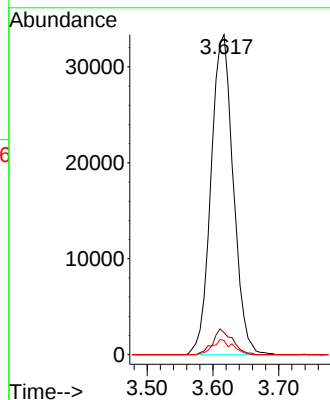
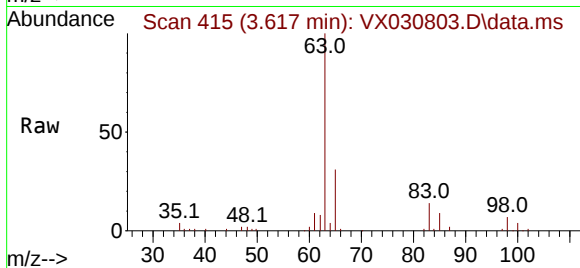
Tgt Ion: 63 Resp: 78534

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.5 2.3 6.9



#27

cis-1,2-Dichloroethene

Concen: 20.225 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

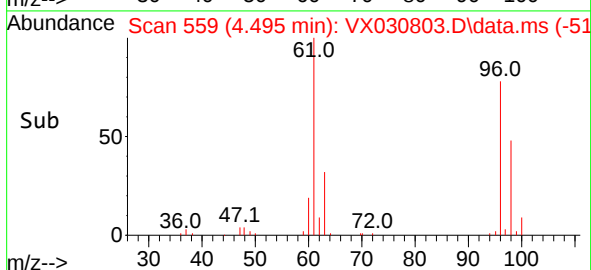
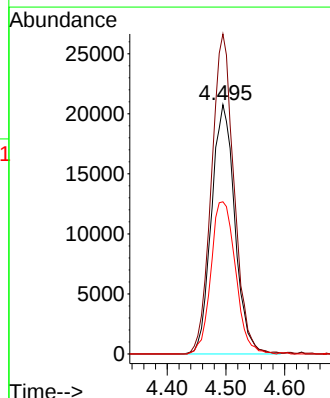
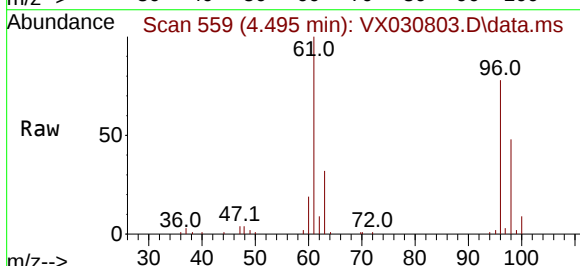
Tgt Ion: 96 Resp: 57284

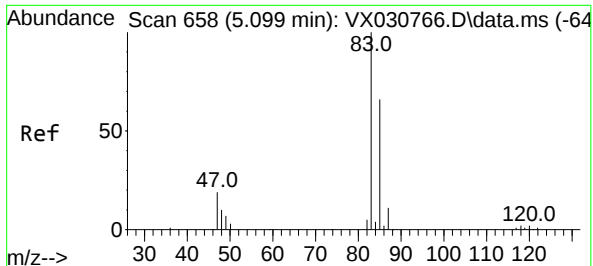
Ion Ratio Lower Upper

96 100

61 124.4 0.0 270.0

98 64.3 0.0 127.8





#30

Chloroform

Concen: 0.493 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.013 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

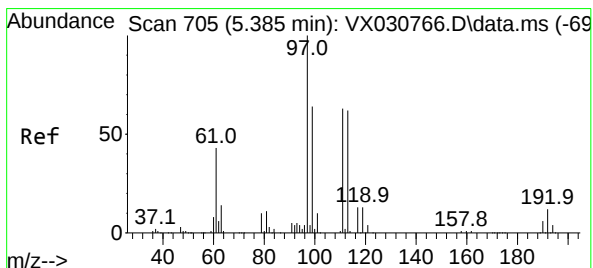
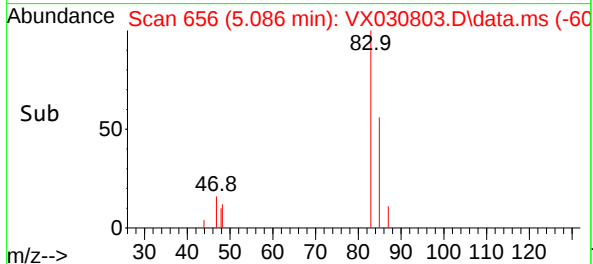
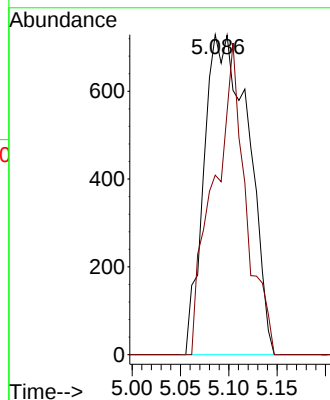
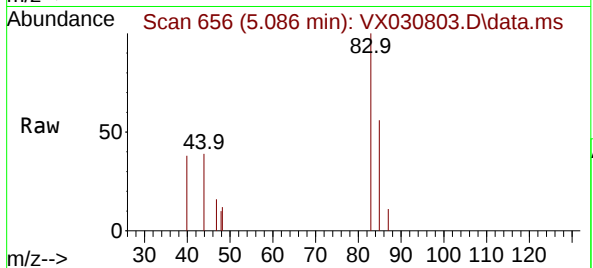
MW-101I

Tgt Ion: 83 Resp: 2335

Ion Ratio Lower Upper

83 100

85 56.1 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 1.615 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

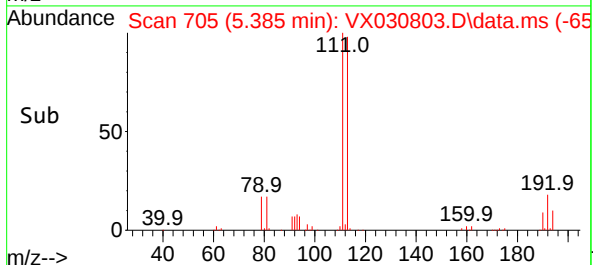
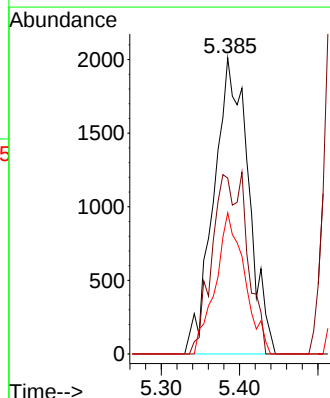
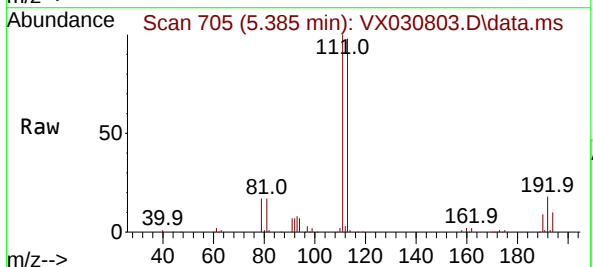
Tgt Ion: 97 Resp: 6178

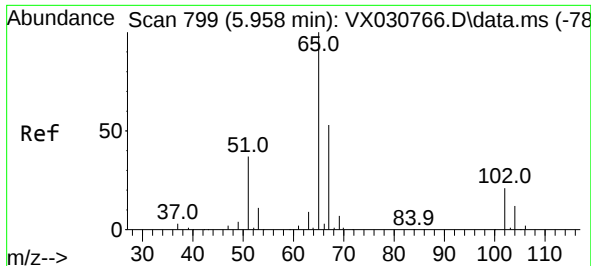
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 40.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 76.737 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

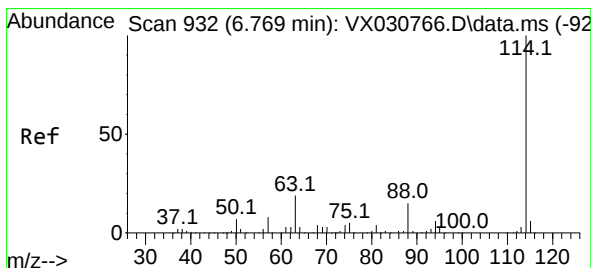
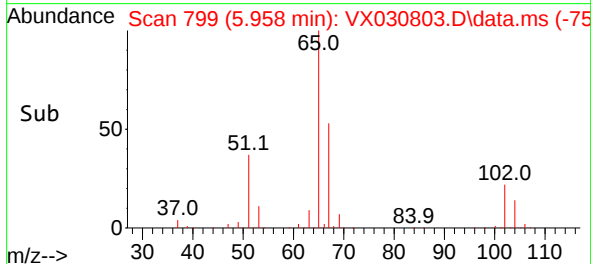
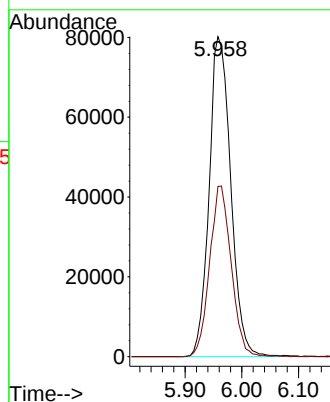
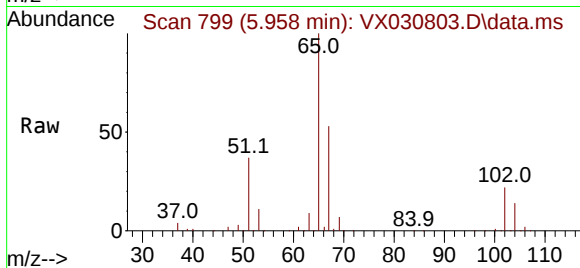
MW-101I

Tgt Ion: 65 Resp: 212525

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

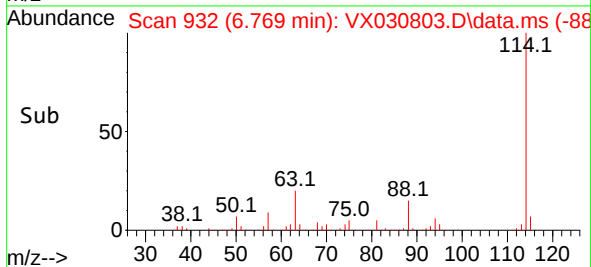
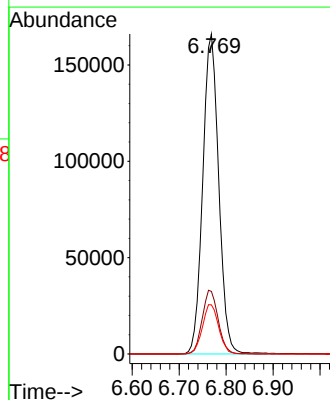
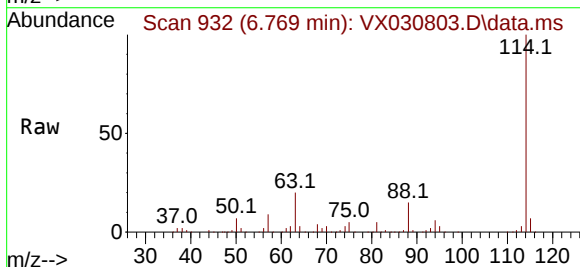
Tgt Ion: 114 Resp: 391722

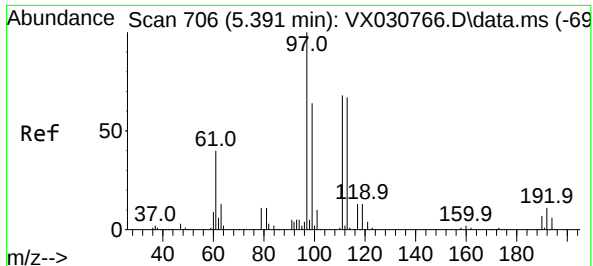
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 75.848 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

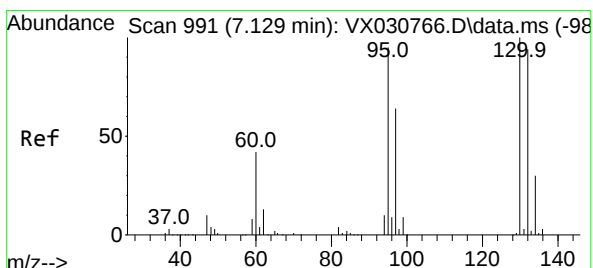
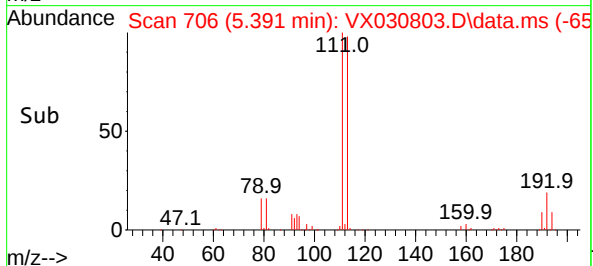
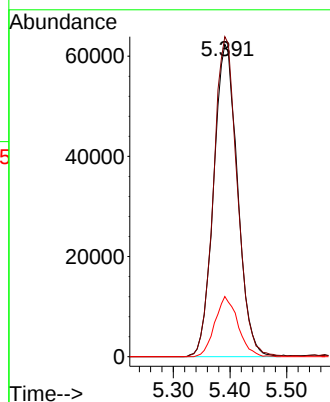
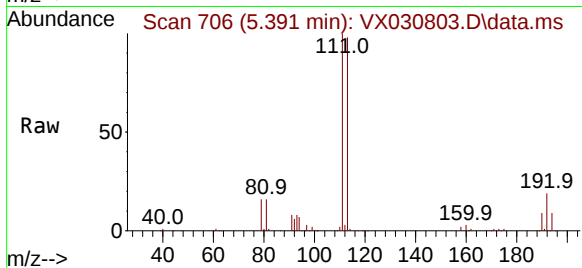
Tgt Ion:113 Resp: 182602

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 18.6 14.8 22.2



#44

Trichloroethene

Concen: 18.880 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX030803.D

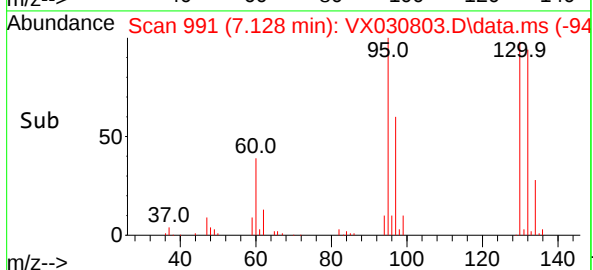
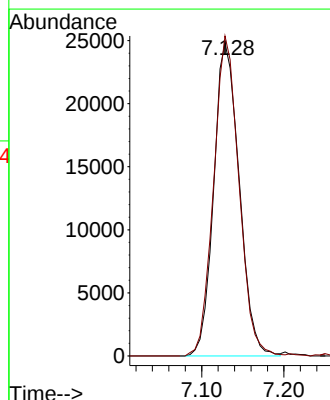
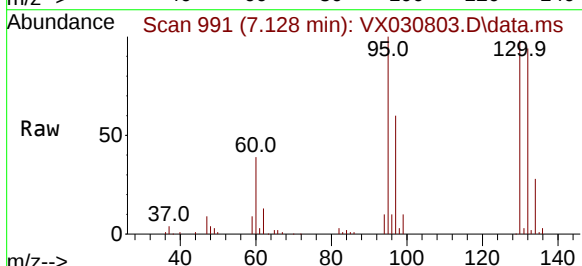
Acq: 26 Aug 2022 04:34

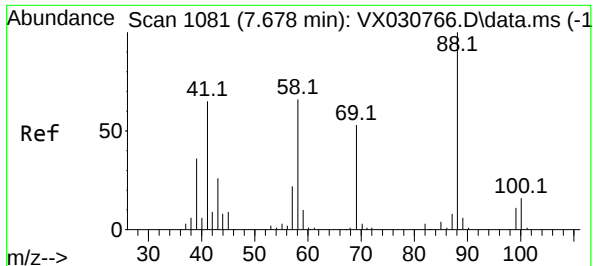
Tgt Ion:130 Resp: 53500

Ion Ratio Lower Upper

130 100

95 102.2 0.0 194.8





#49

1,4-Dioxane

Concen: 63.565 ug/l

RT: 7.665 min Scan# 1081

Delta R.T. -0.013 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

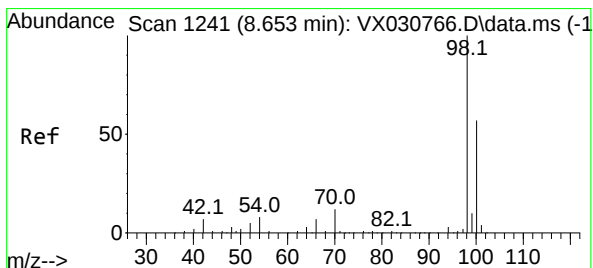
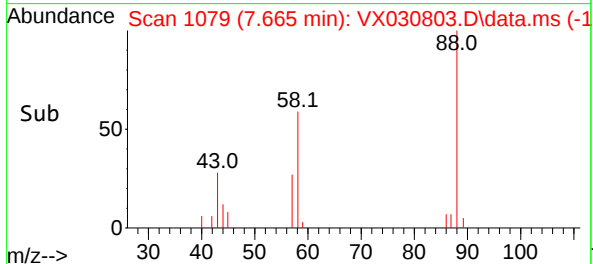
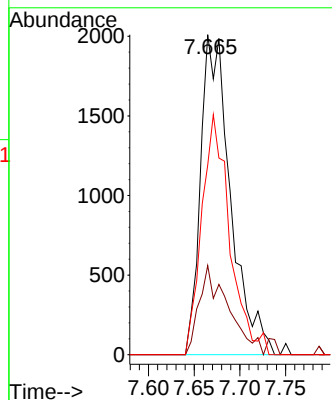
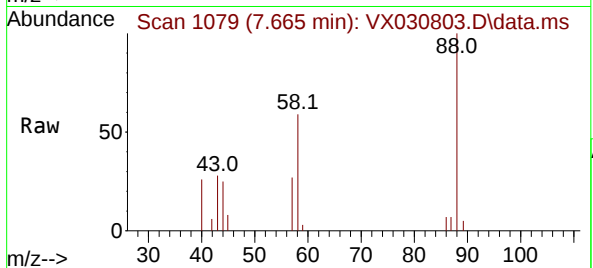
Tgt Ion: 88 Resp: 4575

Ion Ratio Lower Upper

88 100

43 27.2 23.8 35.8

58 70.2 53.8 80.6



#50

Toluene-d8

Concen: 79.745 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX030803.D

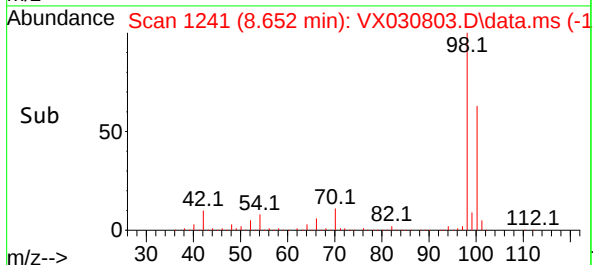
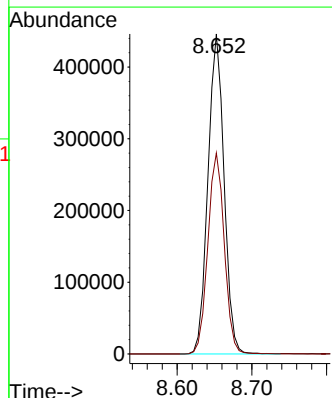
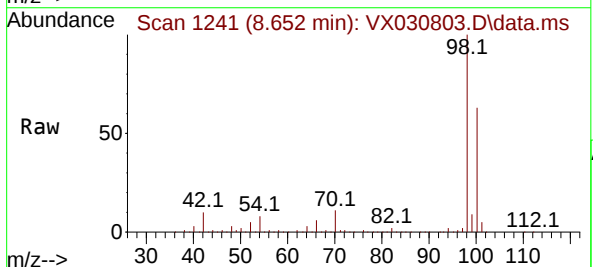
Acq: 26 Aug 2022 04:34

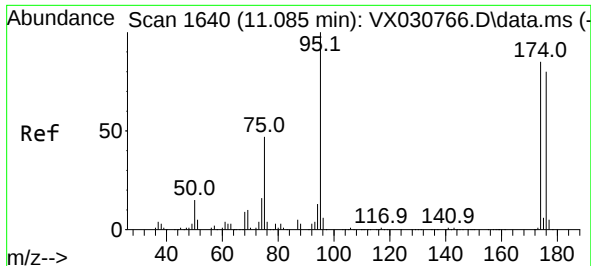
Tgt Ion: 98 Resp: 668999

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

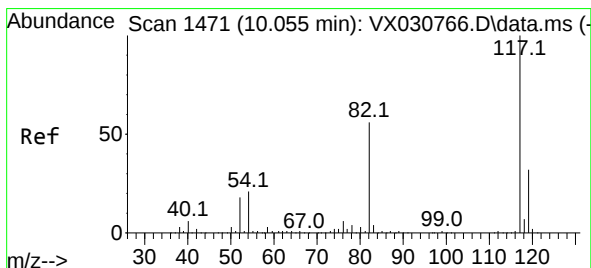
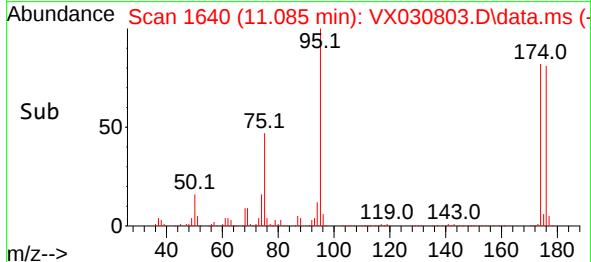
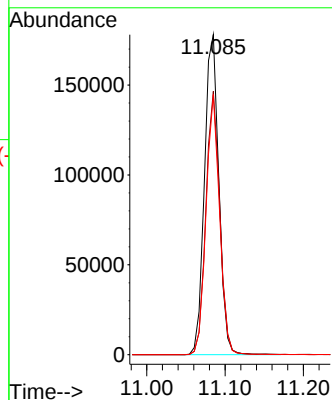
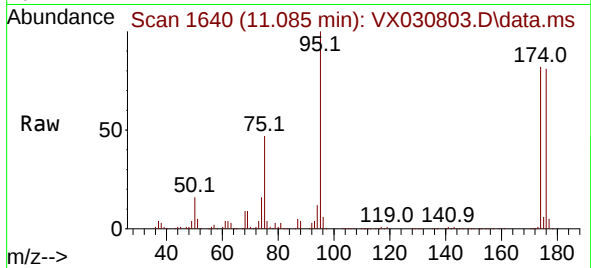




#62
4-Bromofluorobenzene
Concen: 72.482 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

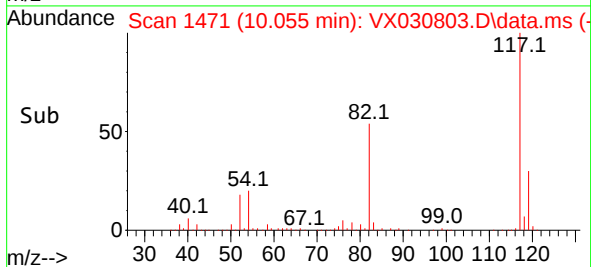
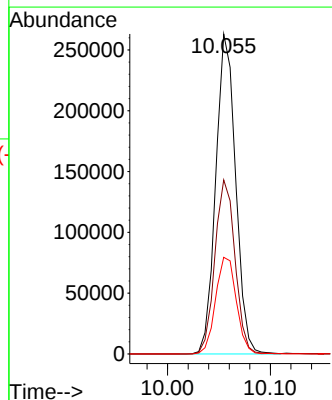
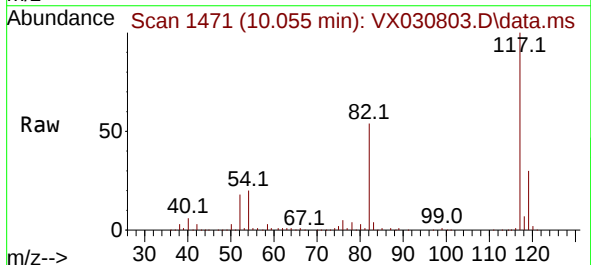
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

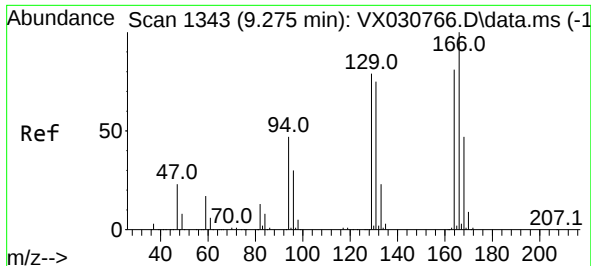
Tgt Ion: 95 Resp: 226382
Ion Ratio Lower Upper
95 100
174 79.7 0.0 149.0
176 76.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 117 Resp: 352751
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 30.2 25.4 38.2

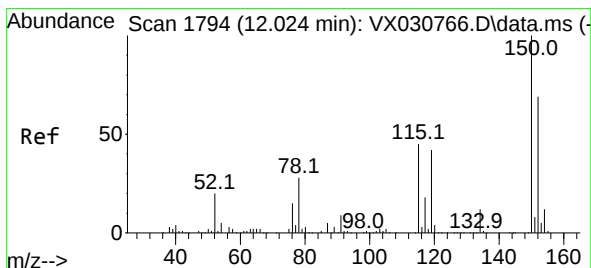
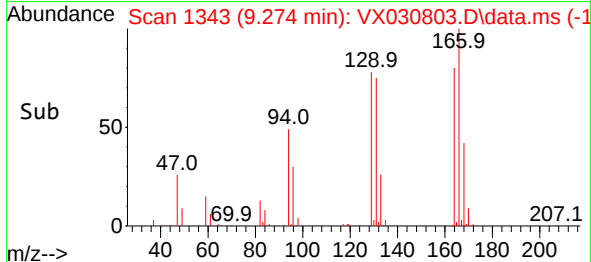
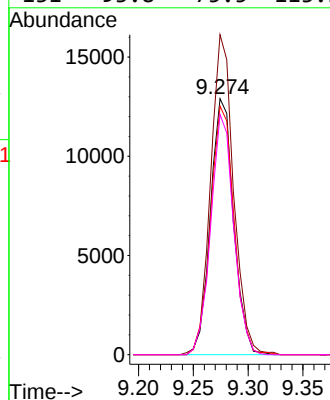
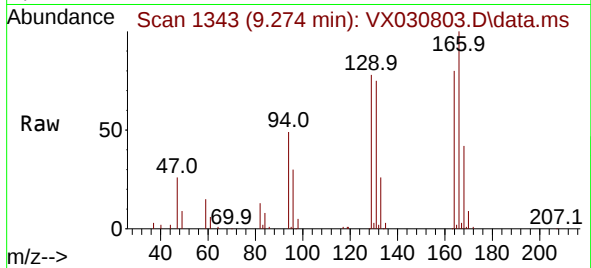




#64
Tetrachloroethene
Concen: 6.788 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

Tgt Ion:164 Resp: 18861
Ion Ratio Lower Upper
164 100
166 125.0 98.2 147.4
129 97.1 80.8 121.2
131 93.8 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion:152 Resp: 157911
Ion Ratio Lower Upper
152 100
115 58.9 40.5 121.5
150 160.5 0.0 347.0

