

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030804.D
 Acq On : 26 Aug 2022 04:57
 Operator : JC/MD
 Sample : N4262-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Quant Time: Aug 26 05:38:44 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)

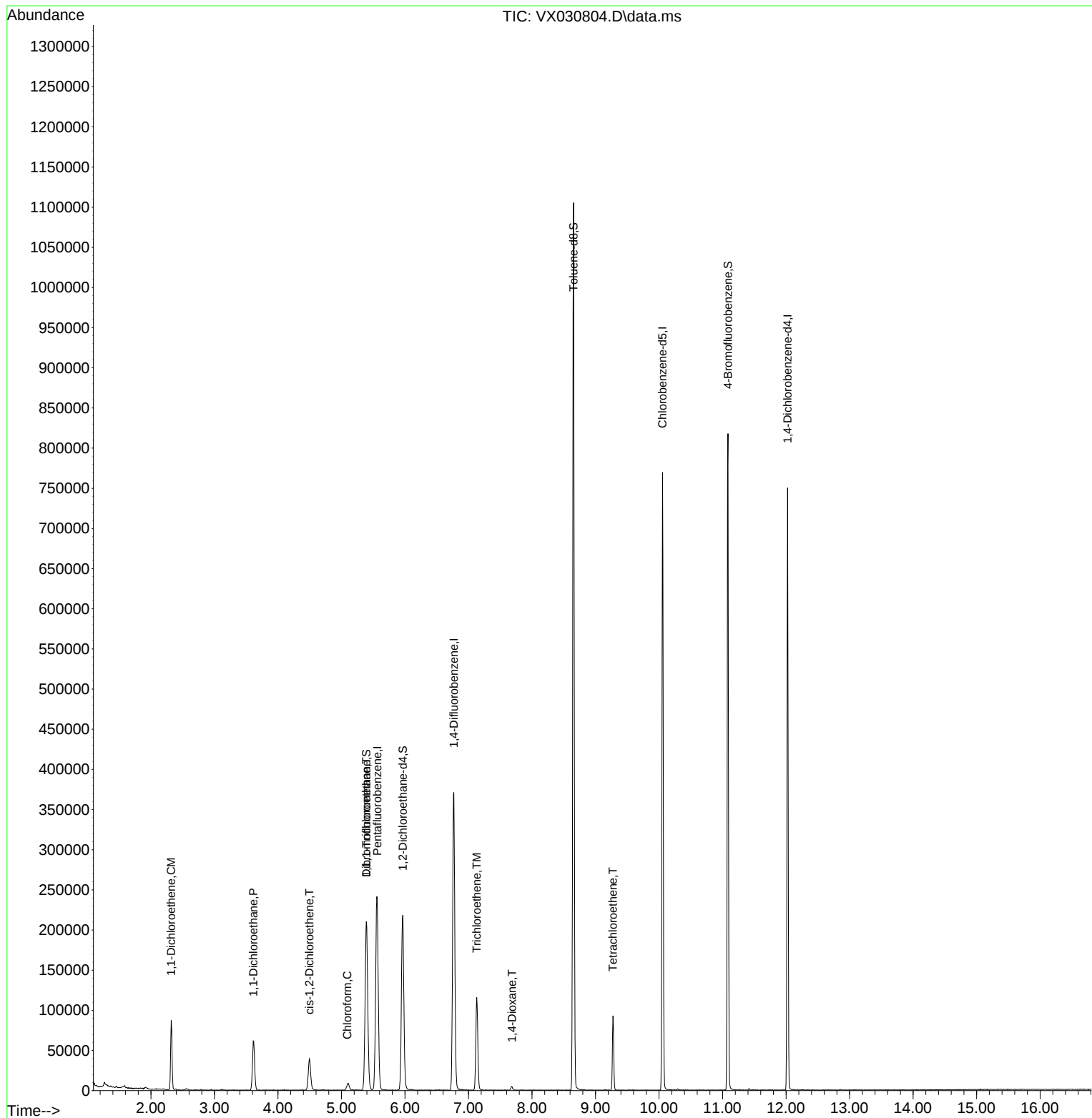
Internal Standards						
1) Pentafluorobenzene	5.562	168	234095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	207912	75.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 151.020%#	
35) Dibromofluoromethane	5.391	113	180492	75.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 150.860%#	
50) Toluene-d8	8.653	98	659563	79.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 158.220%#	
62) 4-Bromofluorobenzene	11.085	95	224018	72.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 144.340%#	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.319	96	29469	13.887	ug/l	95
24) 1,1-Dichloroethane	3.611	63	70243	15.713	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25183	8.943	ug/l	92
30) Chloroform	5.093	83	10532	2.238	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	8977	2.360	ug/l	99
44) Trichloroethene	7.129	130	45935	16.310	ug/l	98
49) 1,4-Dioxane	7.684	88	3732	52.172	ug/l #	91
64) Tetrachloroethene	9.275	164	17341	6.211	ug/l	96

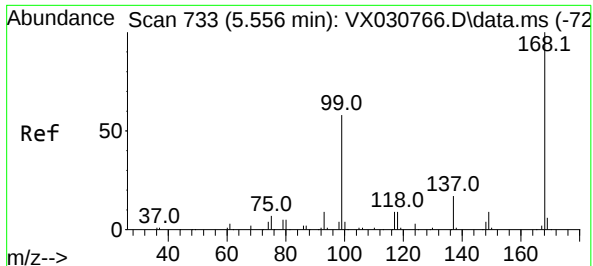
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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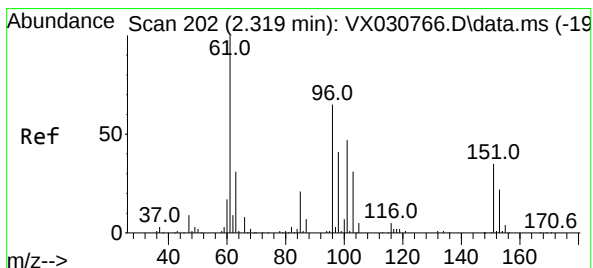
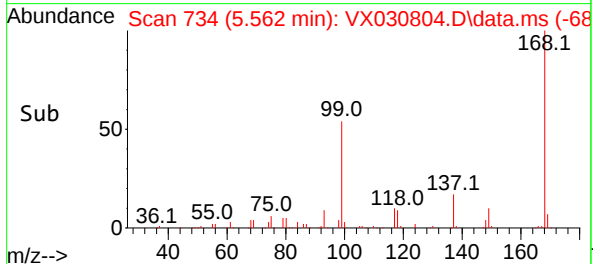
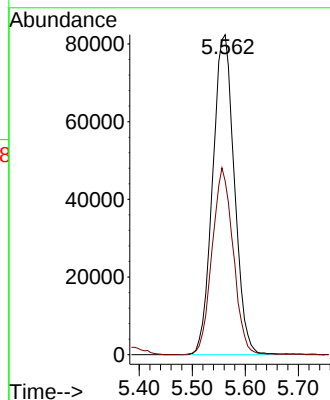
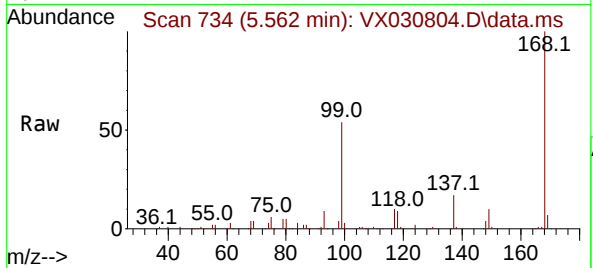




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

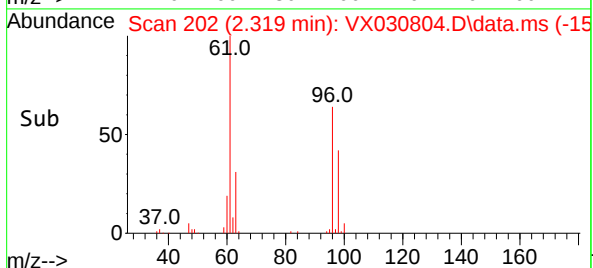
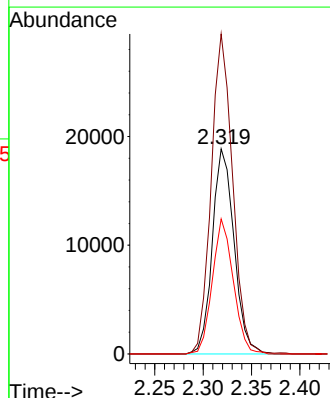
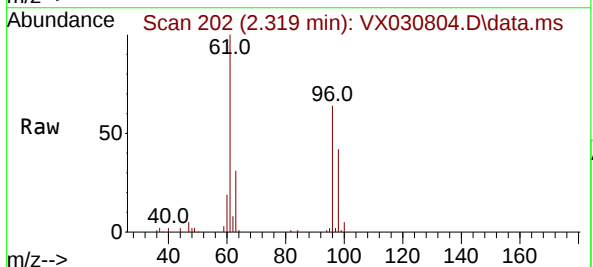
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

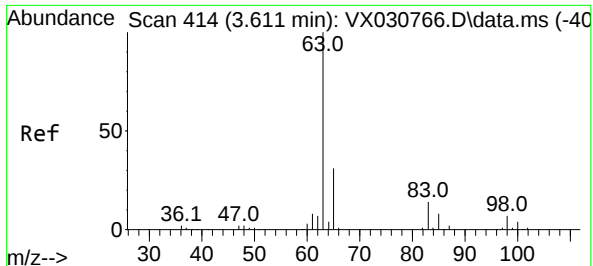
Tgt Ion:168 Resp: 234095
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#12
1,1-Dichloroethene
Concen: 13.887 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

Tgt Ion: 96 Resp: 29469
Ion Ratio Lower Upper
96 100
61 156.0 117.4 176.0
98 65.8 52.2 78.4

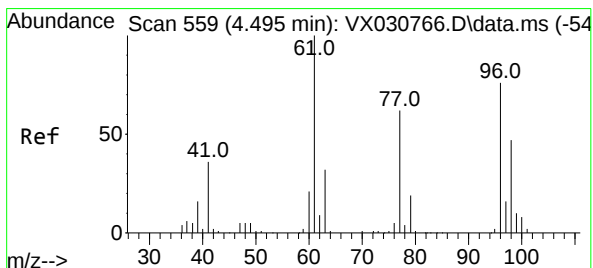
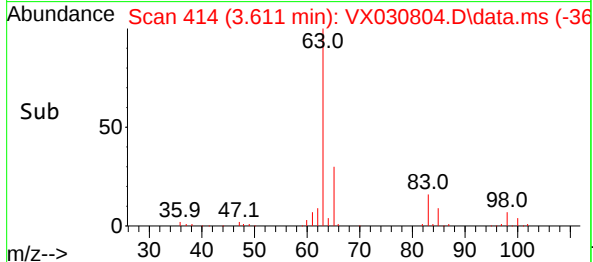
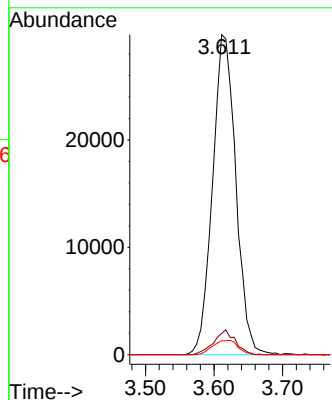
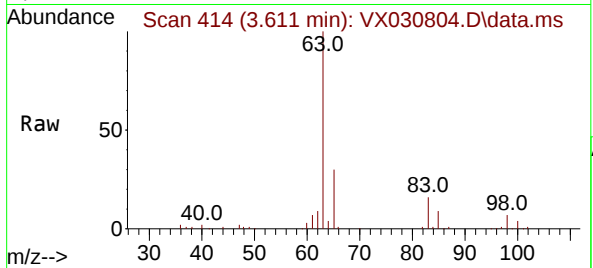




#24
 1,1-Dichloroethane
 Concen: 15.713 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030804.D
 Acq: 26 Aug 2022 04:57

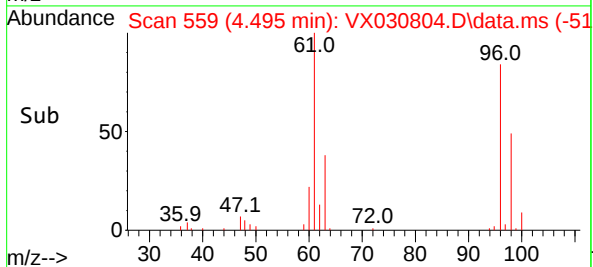
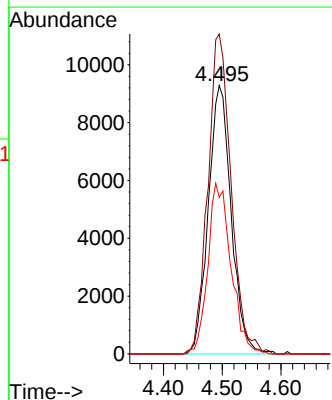
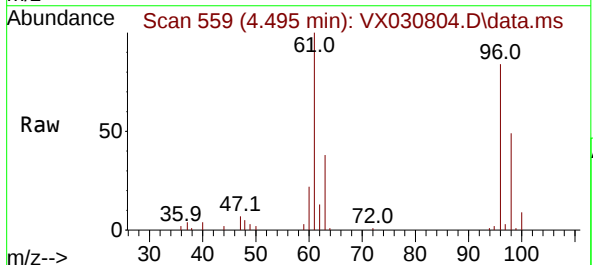
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

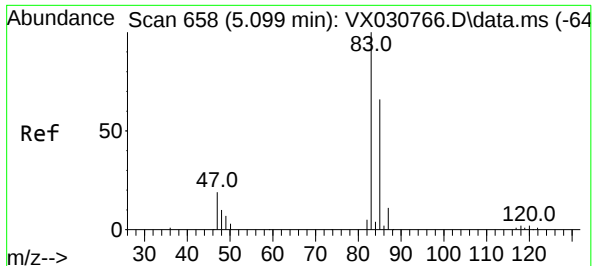
Tgt Ion: 63 Resp: 70243
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.3 2.3 6.9



#27
 cis-1,2-Dichloroethene
 Concen: 8.943 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX030804.D
 Acq: 26 Aug 2022 04:57

Tgt Ion: 96 Resp: 25183
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 270.0
 98 63.9 0.0 127.8





#30

Chloroform

Concen: 2.238 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030804.D

Acq: 26 Aug 2022 04:57

Instrument :

MSVOA_X

ClientSampleId :

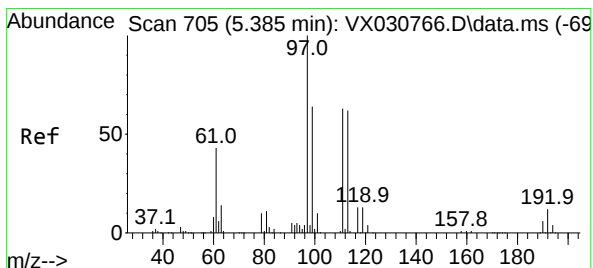
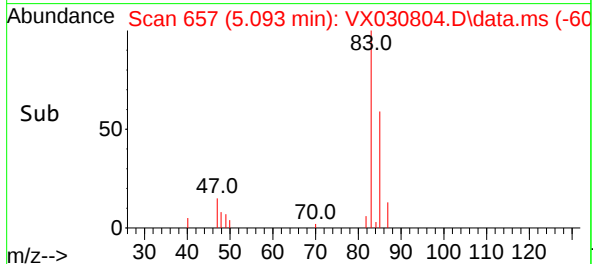
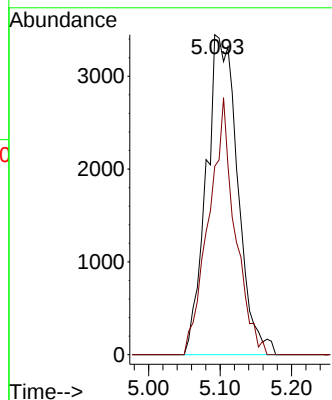
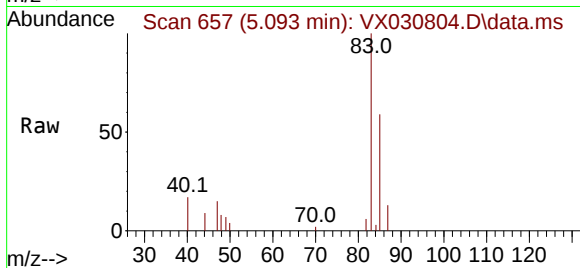
MW-101D

Tgt Ion: 83 Resp: 10532

Ion Ratio Lower Upper

83 100

85 58.9 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 2.360 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030804.D

Acq: 26 Aug 2022 04:57

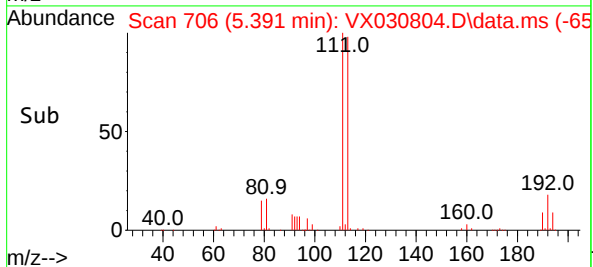
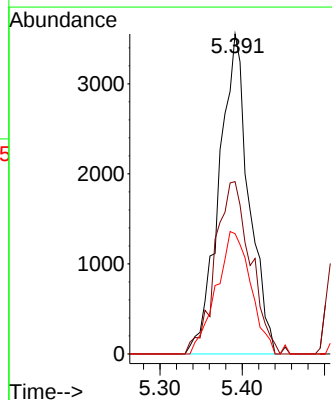
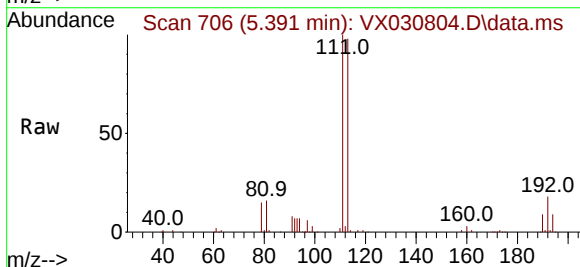
Tgt Ion: 97 Resp: 8977

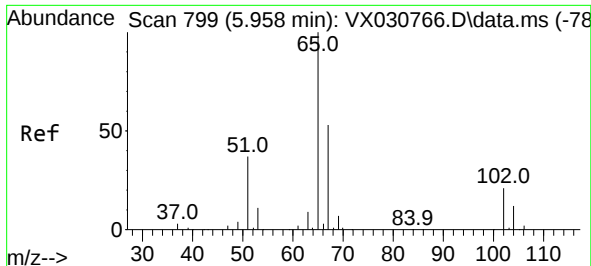
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 43.9 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 75.506 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030804.D

Acq: 26 Aug 2022 04:57

Instrument :

MSVOA_X

ClientSampleId :

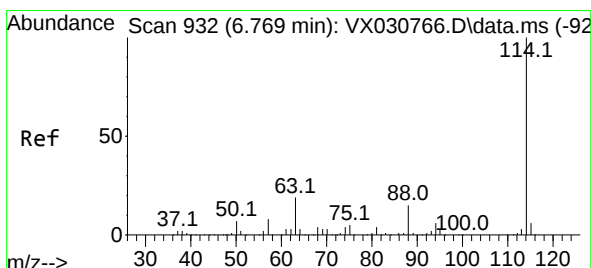
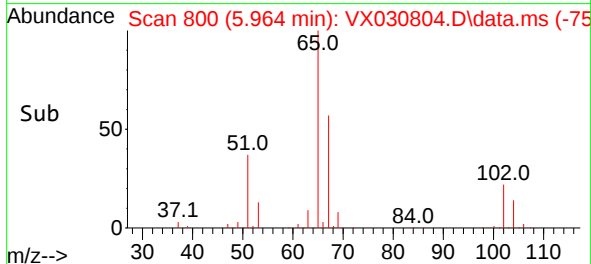
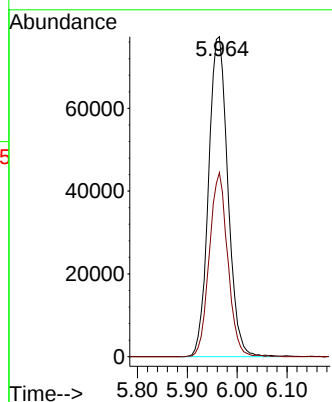
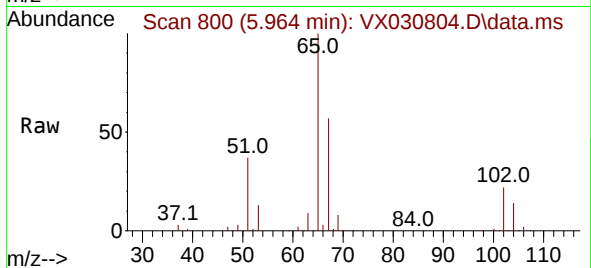
MW-101D

Tgt Ion: 65 Resp: 207912

Ion Ratio Lower Upper

65 100

67 55.0 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: VX030804.D

Acq: 26 Aug 2022 04:57

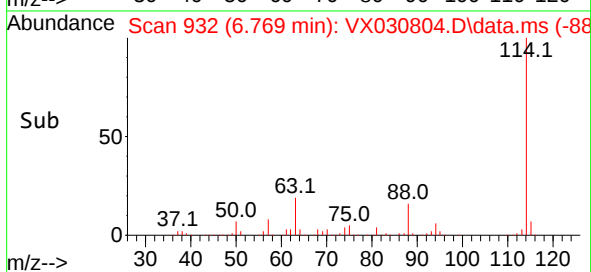
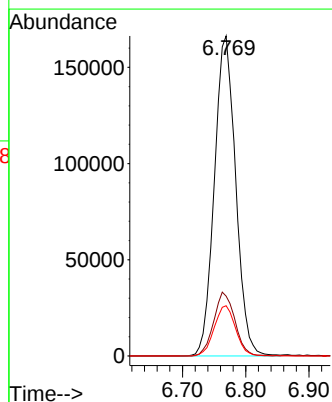
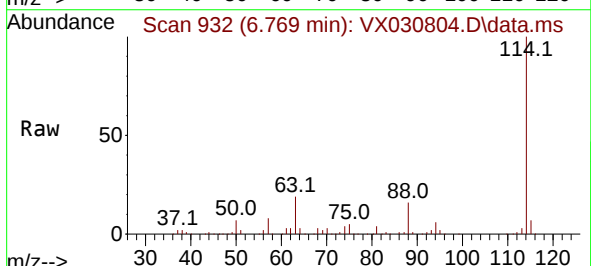
Tgt Ion: 114 Resp: 389323

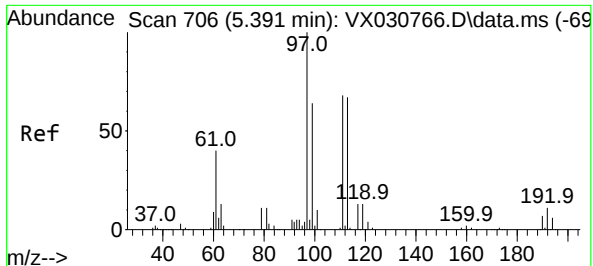
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 75.434 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030804.D

Acq: 26 Aug 2022 04:57

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

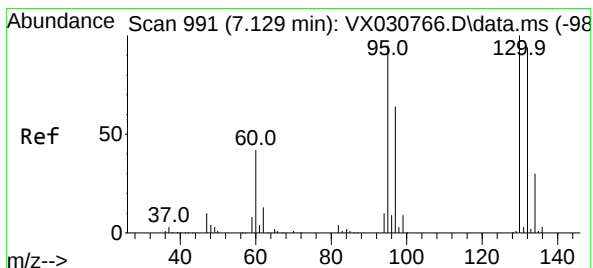
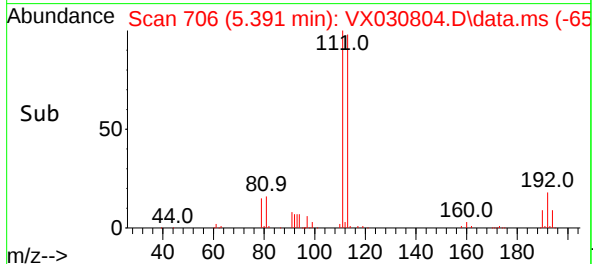
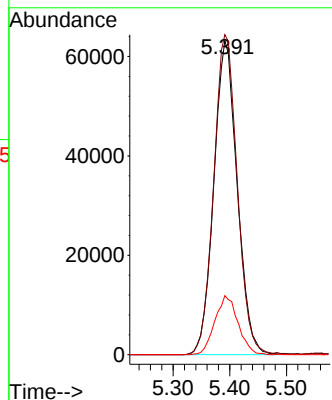
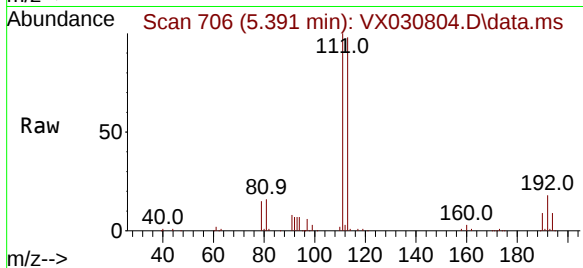
Tgt Ion:113 Resp: 180492

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 18.6 14.8 22.2



#44

Trichloroethene

Concen: 16.310 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030804.D

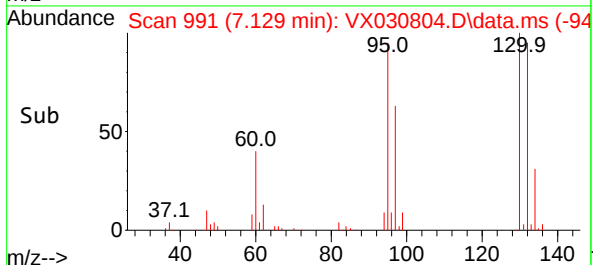
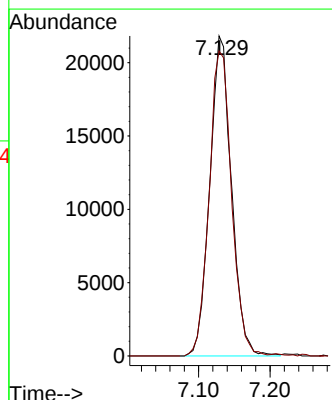
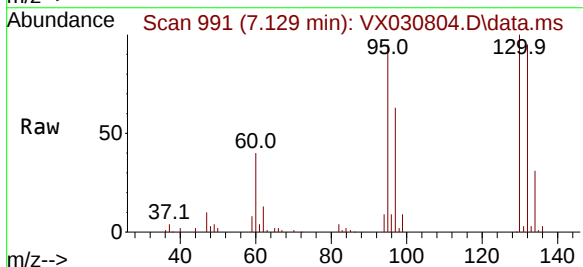
Acq: 26 Aug 2022 04:57

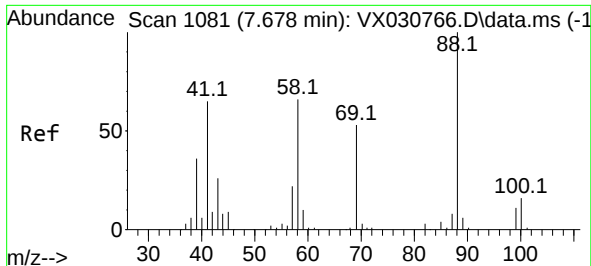
Tgt Ion:130 Resp: 45935

Ion Ratio Lower Upper

130 100

95 95.3 0.0 194.8

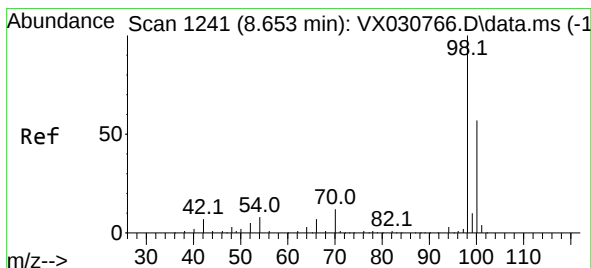
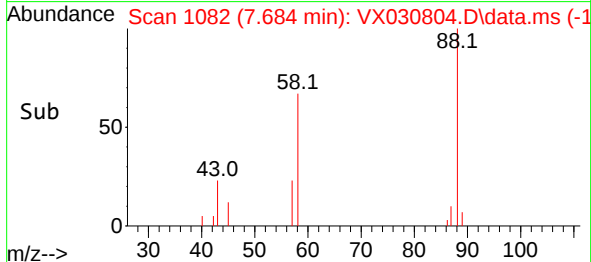
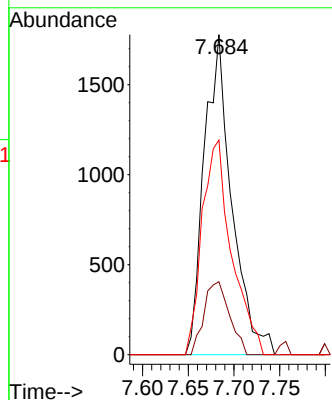
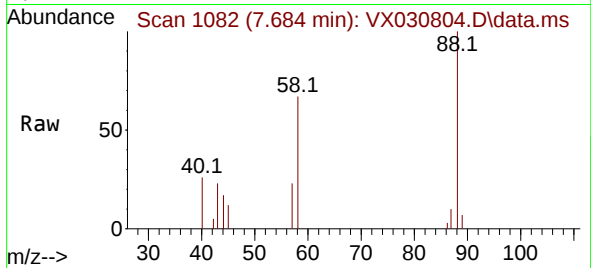




#49
1,4-Dioxane
Concen: 52.172 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

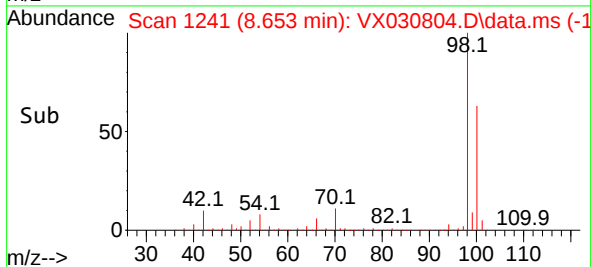
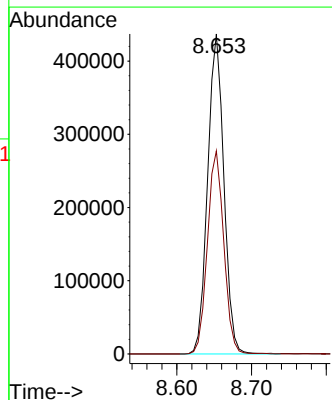
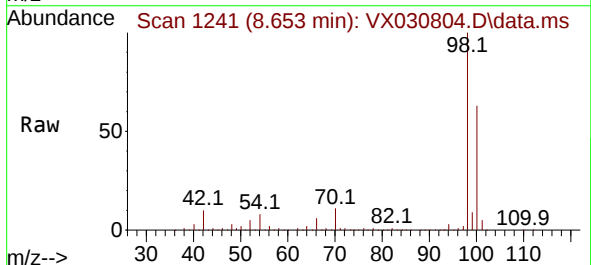
Instrument :
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MW-101D

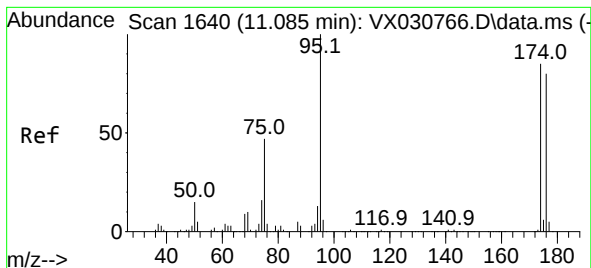
Tgt Ion: 88 Resp: 3732
Ion Ratio Lower Upper
88 100
43 21.1 23.8 35.8#
58 71.5 53.8 80.6



#50
Toluene-d8
Concen: 79.105 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

Tgt Ion: 98 Resp: 659563
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

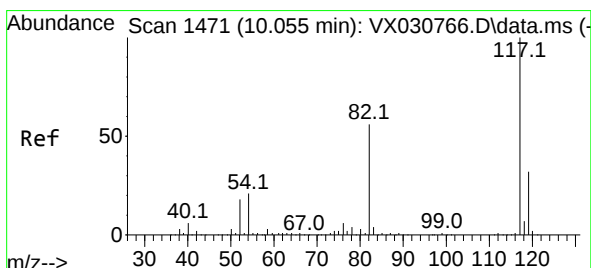
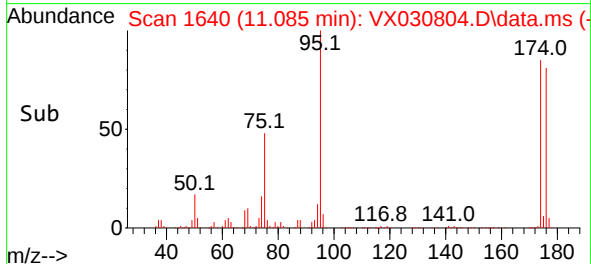
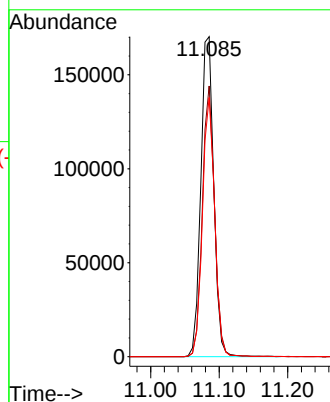
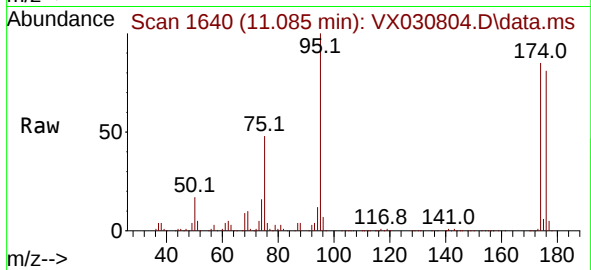




#62
4-Bromofluorobenzene
Concen: 72.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

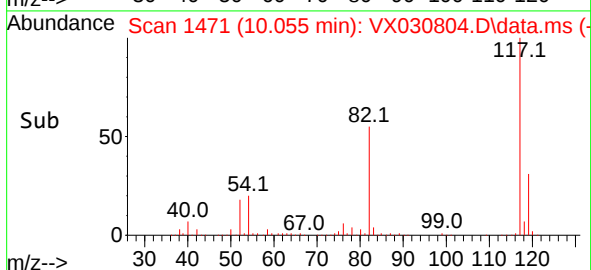
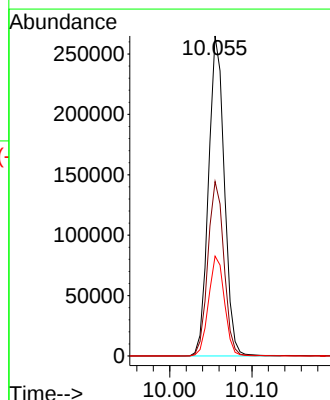
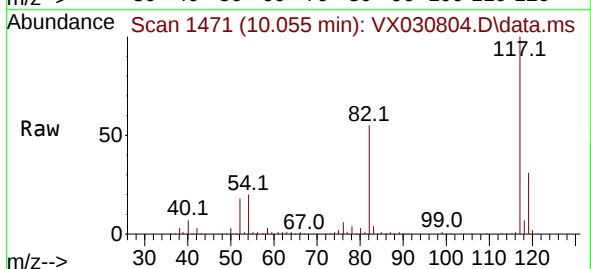
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

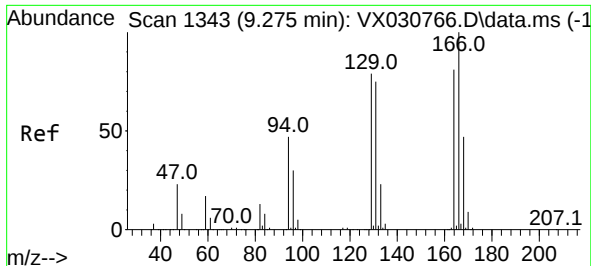
Tgt Ion: 95 Resp: 224018
Ion Ratio Lower Upper
95 100
174 79.7 0.0 149.0
176 76.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

Tgt Ion: 117 Resp: 354417
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 31.2 25.4 38.2



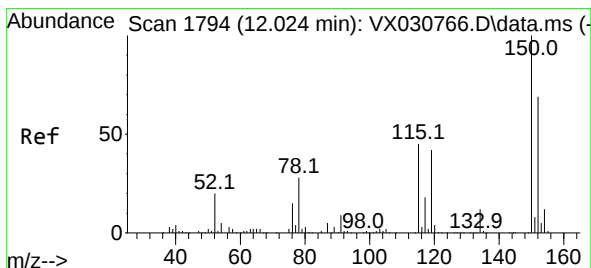
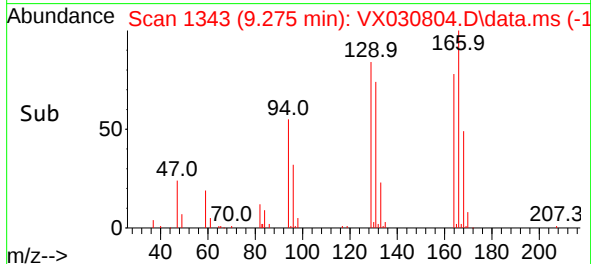
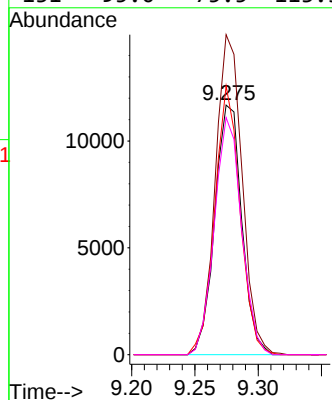
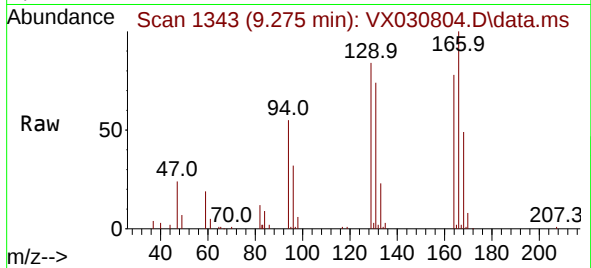


#64
Tetrachloroethene
Concen: 6.211 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030804.D
Acq: 26 Aug 2022 04:57

Instrument :
MSVOA_X
ClientSampleId :
MW-101D

Tgt Ion:164 Resp: 17341

Ion	Ratio	Lower	Upper
164	100		
166	128.2	98.2	147.4
129	107.7	80.8	121.2
131	95.0	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: VX030804.D
Acq: 26 Aug 2022 04:57

Tgt Ion:152 Resp: 153078

Ion	Ratio	Lower	Upper
152	100		
115	59.6	40.5	121.5
150	157.4	0.0	347.0

