

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030831.D
 Acq On : 26 Aug 2022 17:49
 Operator : JC/MD
 Sample : N4262-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Quant Time: Aug 27 02:40:55 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)

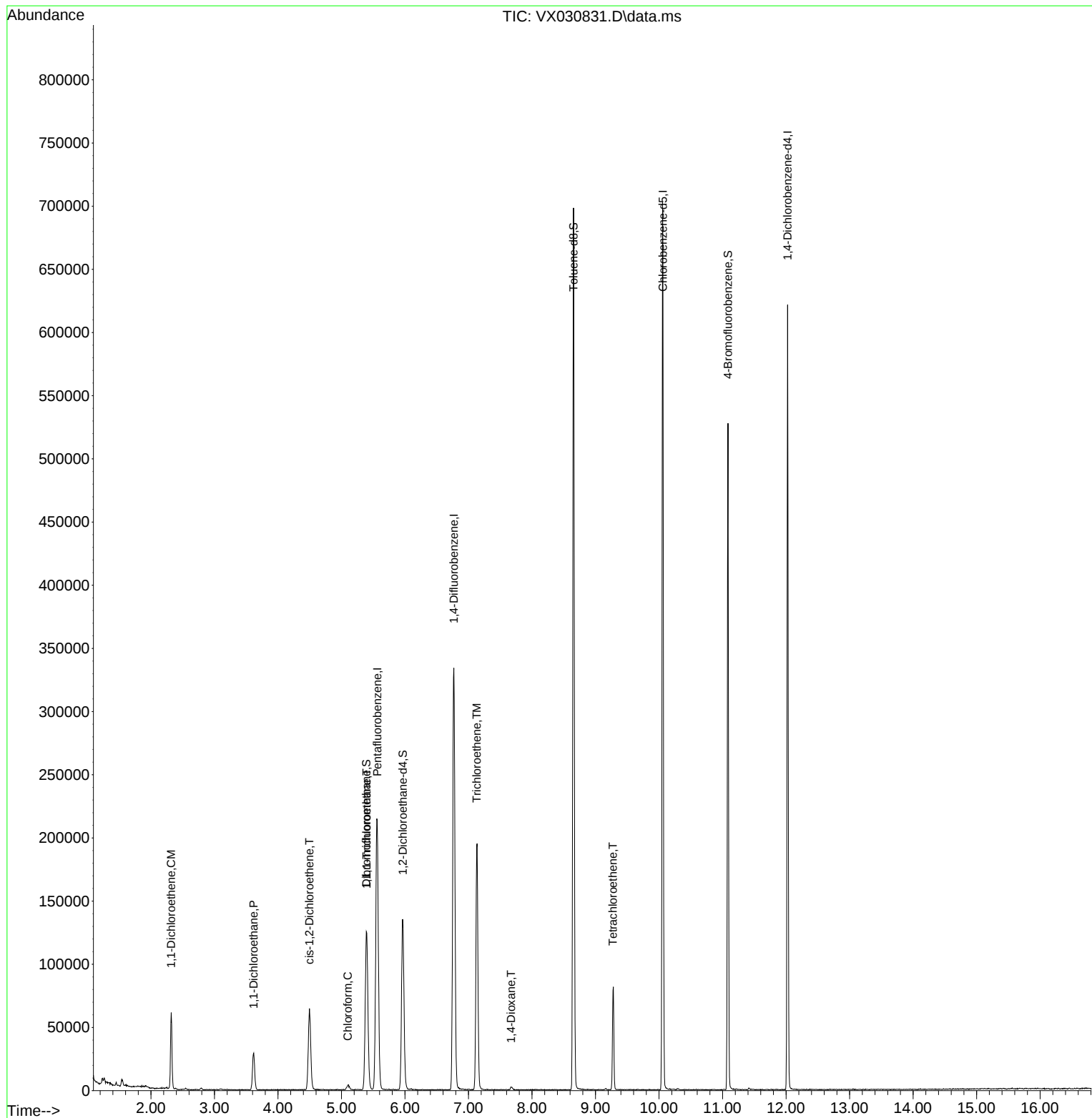
Internal Standards						
1) Pentafluorobenzene	5.562	168	205861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	325186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133777	55.246	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	110.500%	
35) Dibromofluoromethane	5.391	113	110521	50.965	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.940%	
50) Toluene-d8	8.653	98	411364	54.437	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	108.880%	
62) 4-Bromofluorobenzene	11.085	95	132839	47.217	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	94.440%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	20410	10.937	ug/l	94
24) 1,1-Dichloroethane	3.617	63	34066	8.666	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	40752	16.456	ug/l	94
30) Chloroform	5.099	83	4709	1.138	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	3911	1.169	ug/l #	51
44) Trichloroethene	7.129	130	76483	29.965	ug/l	98
49) 1,4-Dioxane	7.671	88	1848	28.505	ug/l	99
64) Tetrachloroethene	9.275	164	15961	6.231	ug/l	96

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

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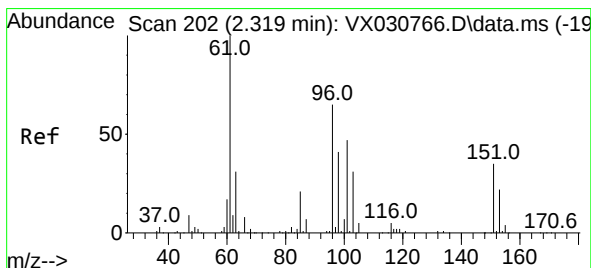
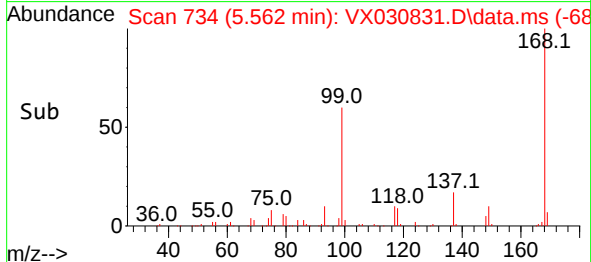
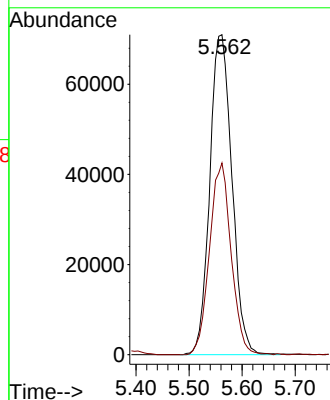
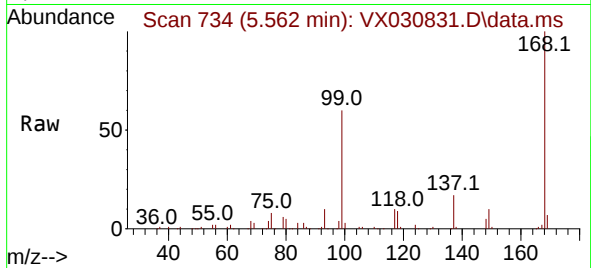




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030831.D
Acq: 26 Aug 2022 17:49

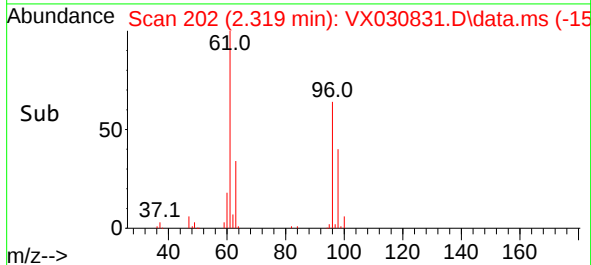
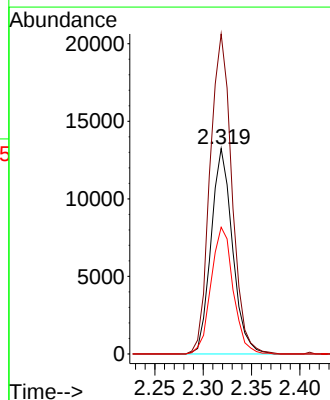
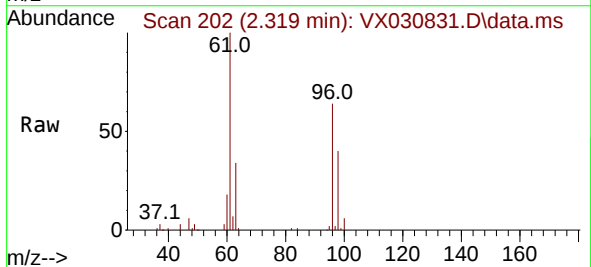
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

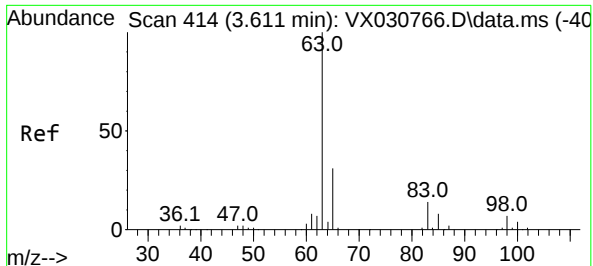
Tgt Ion:168 Resp: 205861
Ion Ratio Lower Upper
168 100
99 59.9 44.0 66.0



#12
1,1-Dichloroethene
Concen: 10.937 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030831.D
Acq: 26 Aug 2022 17:49

Tgt Ion: 96 Resp: 20410
Ion Ratio Lower Upper
96 100
61 155.8 117.4 176.0
98 61.7 52.2 78.4

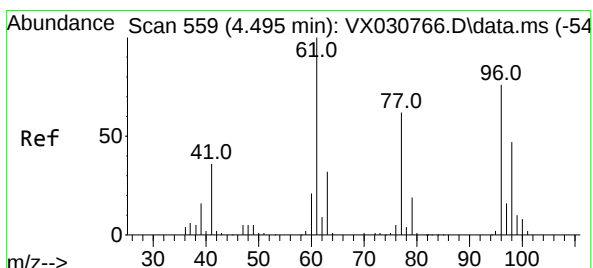
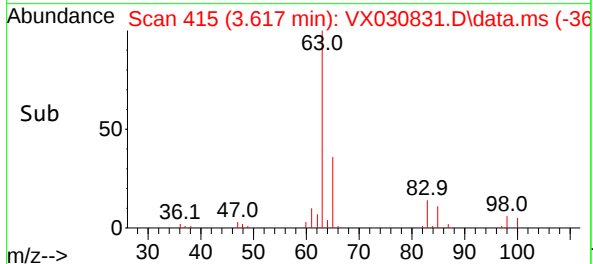
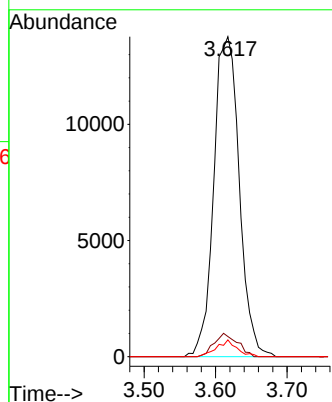
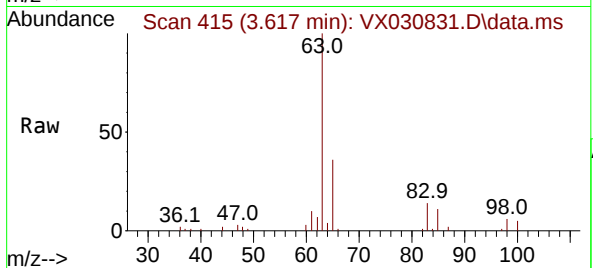




#24
 1,1-Dichloroethane
 Concen: 8.666 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX030831.D
 Acq: 26 Aug 2022 17:49

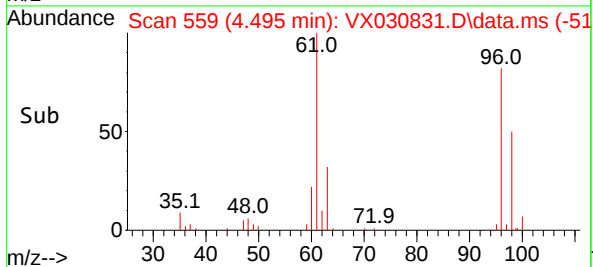
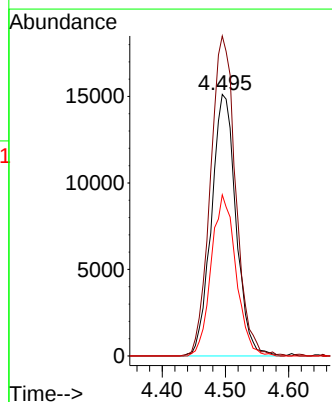
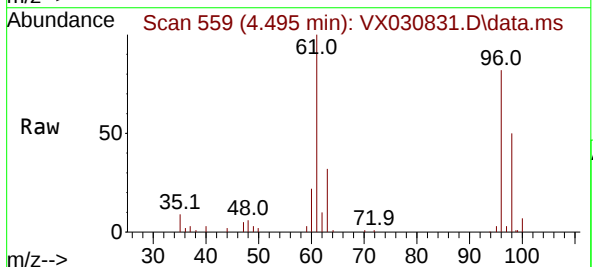
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

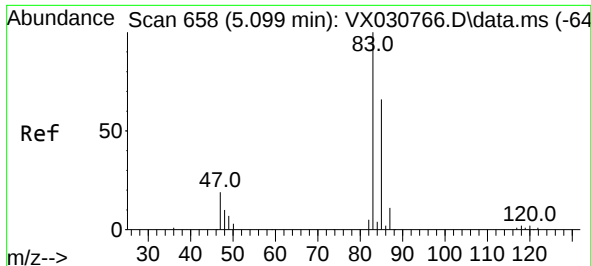
Tgt Ion: 63 Resp: 34066
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 5.3 2.3 6.9



#27
 cis-1,2-Dichloroethene
 Concen: 16.456 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX030831.D
 Acq: 26 Aug 2022 17:49

Tgt Ion: 96 Resp: 40752
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 270.0
 98 61.9 0.0 127.8





#30

Chloroform

Concen: 1.138 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030831.D

Acq: 26 Aug 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

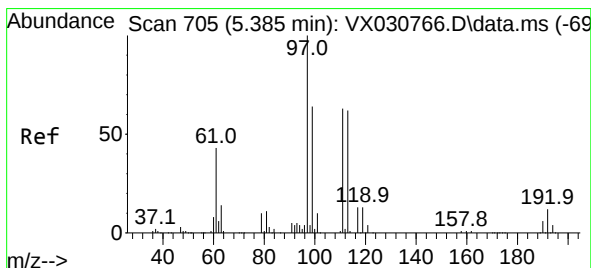
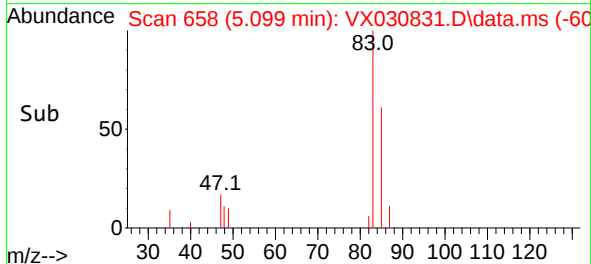
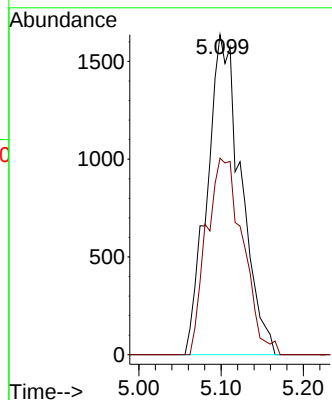
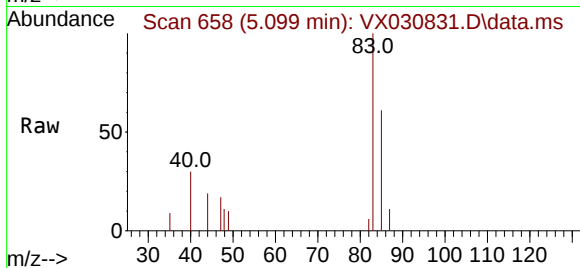
MW-101S

Tgt Ion: 83 Resp: 4709

Ion Ratio Lower Upper

83 100

85 61.4 51.5 77.3



#32

1,1,1-Trichloroethane

Concen: 1.169 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.012 min

Lab File: VX030831.D

Acq: 26 Aug 2022 17:49

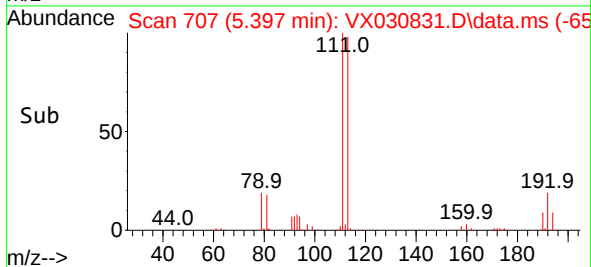
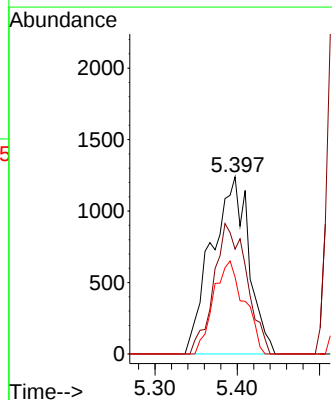
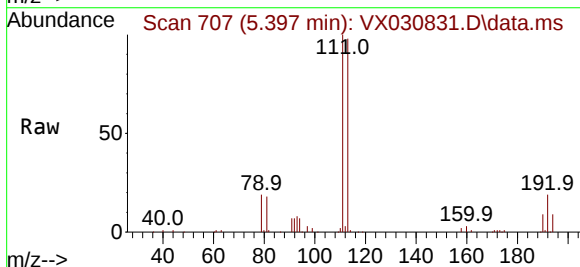
Tgt Ion: 97 Resp: 3911

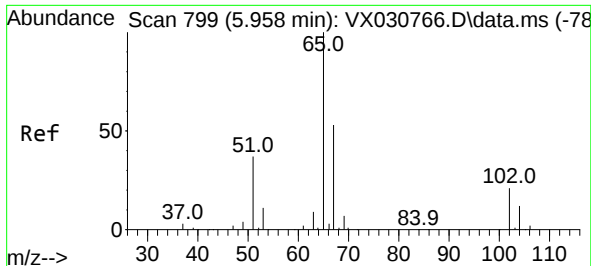
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 43.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 55.246 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030831.D

Acq: 26 Aug 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

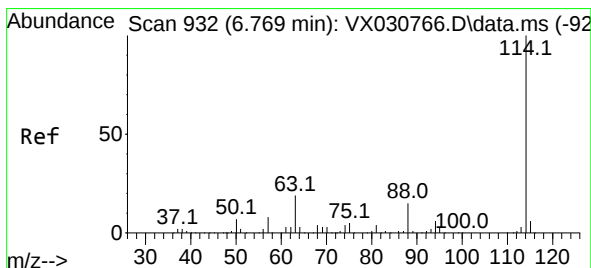
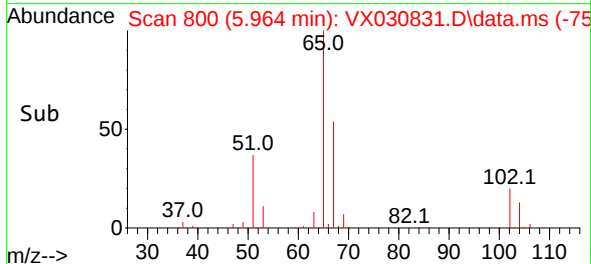
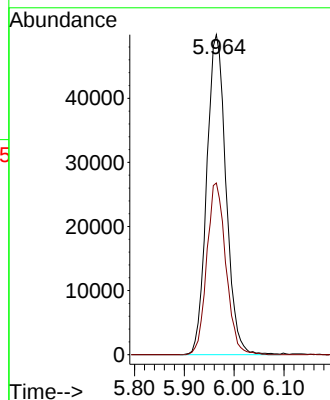
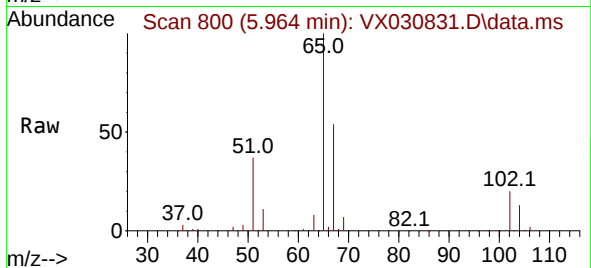
MW-101S

Tgt Ion: 65 Resp: 133777

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: VX030831.D

Acq: 26 Aug 2022 17:49

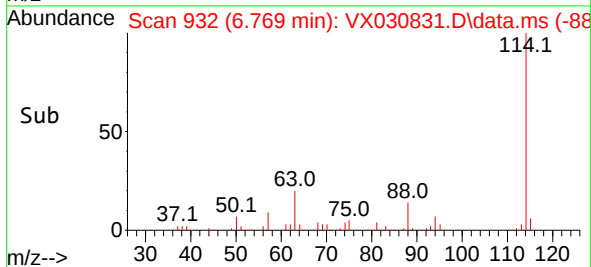
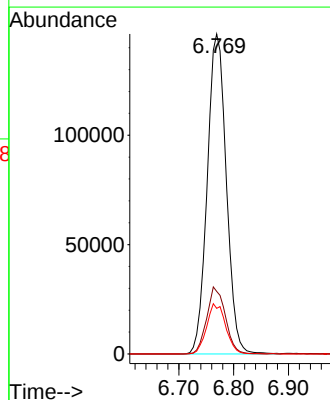
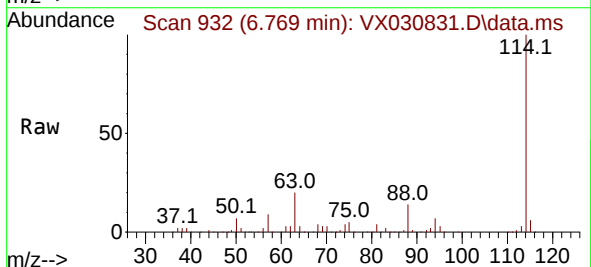
Tgt Ion: 114 Resp: 352849

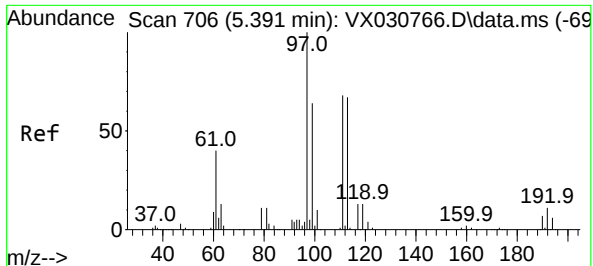
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.965 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030831.D

Acq: 26 Aug 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

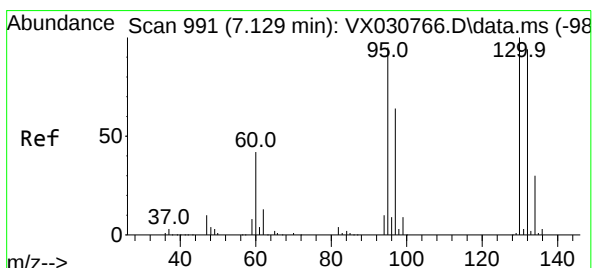
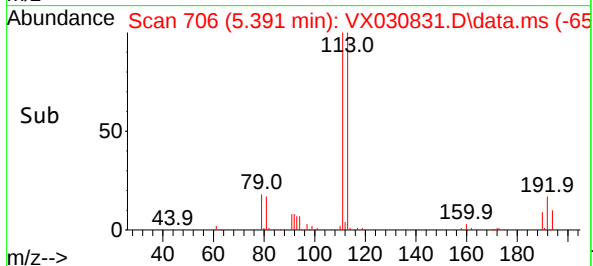
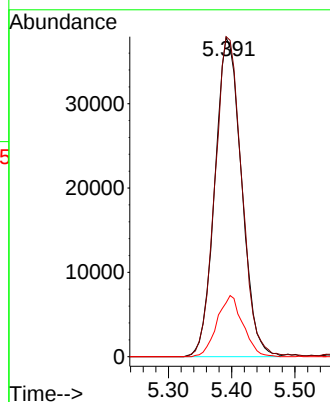
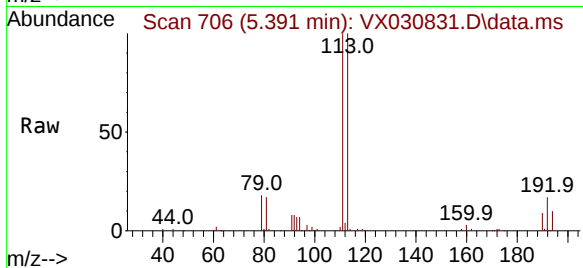
Tgt Ion:113 Resp: 110521

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 18.6 14.8 22.2



#44

Trichloroethene

Concen: 29.965 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030831.D

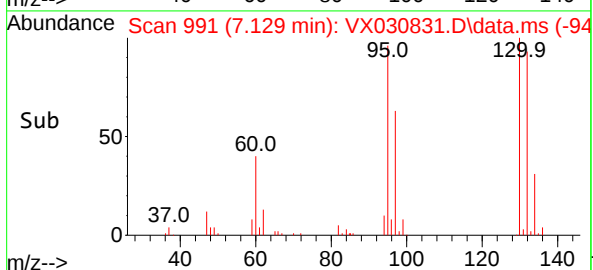
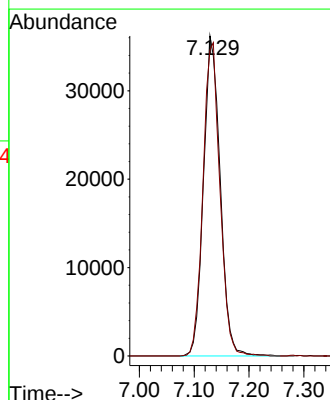
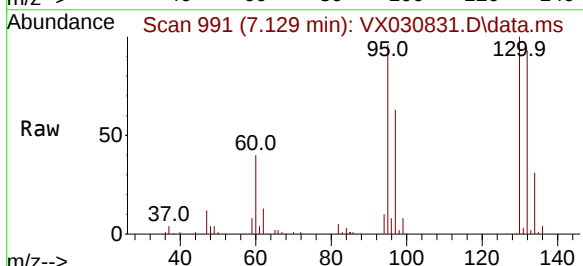
Acq: 26 Aug 2022 17:49

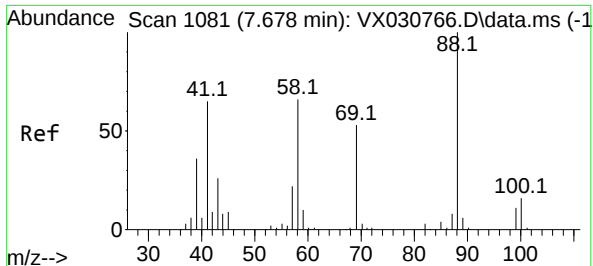
Tgt Ion:130 Resp: 76483

Ion Ratio Lower Upper

130 100

95 95.6 0.0 194.8





#49

1,4-Dioxane

Concen: 28.505 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.007 min

Lab File: VX030831.D

Acq: 26 Aug 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

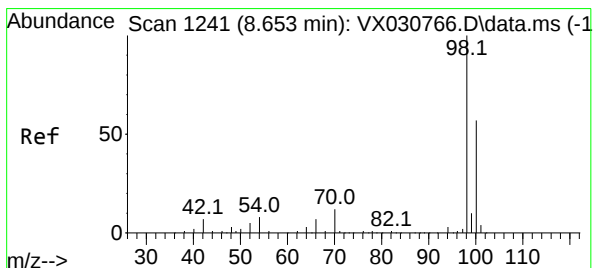
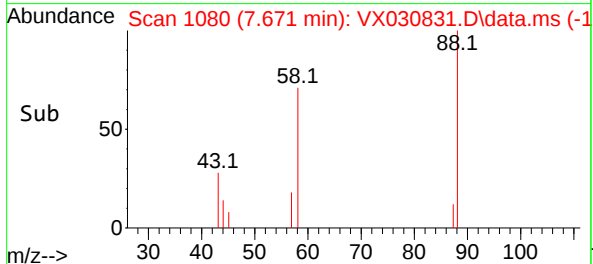
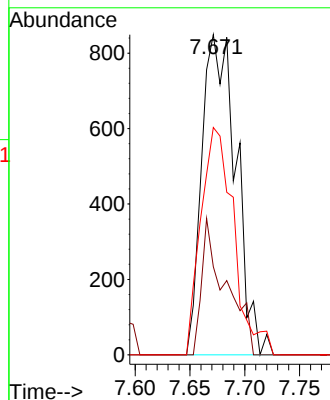
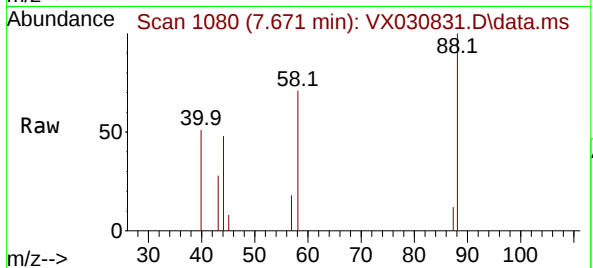
Tgt Ion: 88 Resp: 1848

Ion Ratio Lower Upper

88 100

43 30.1 23.8 35.8

58 68.2 53.8 80.6



#50

Toluene-d8

Concen: 54.437 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030831.D

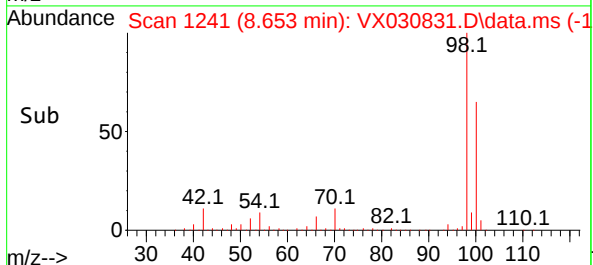
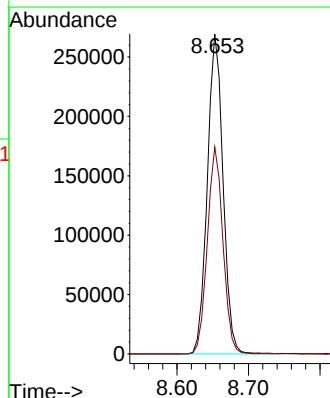
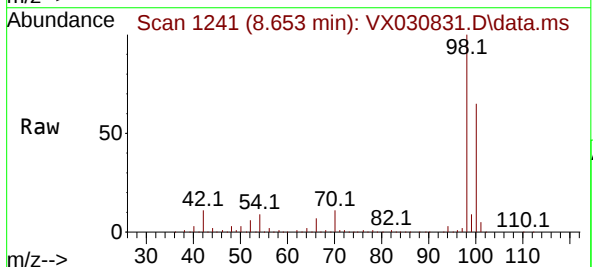
Acq: 26 Aug 2022 17:49

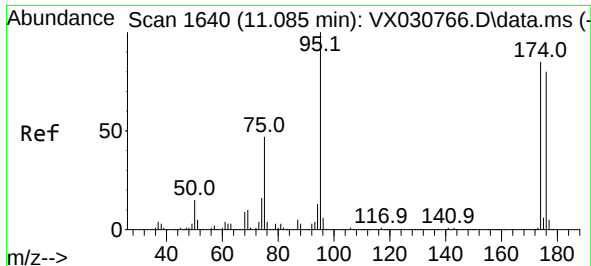
Tgt Ion: 98 Resp: 411364

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

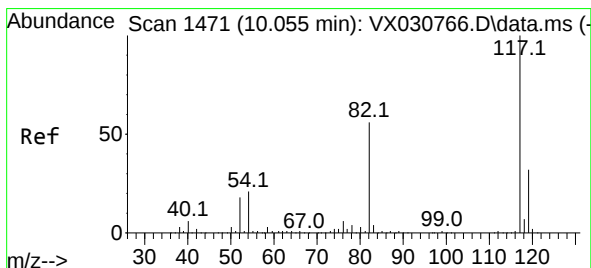
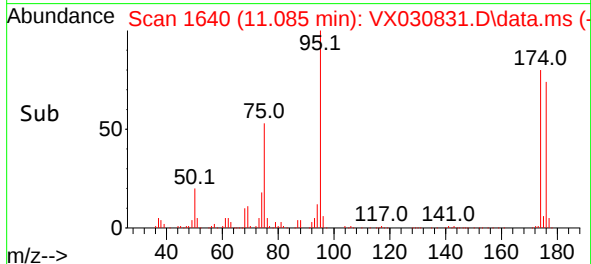
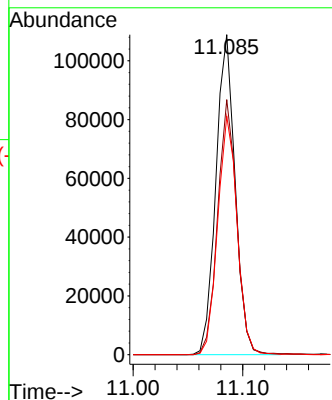
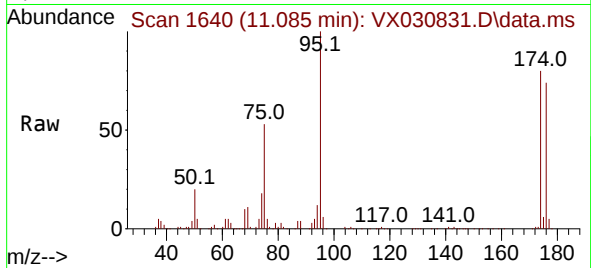




#62
4-Bromofluorobenzene
Concen: 47.217 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030831.D
Acq: 26 Aug 2022 17:49

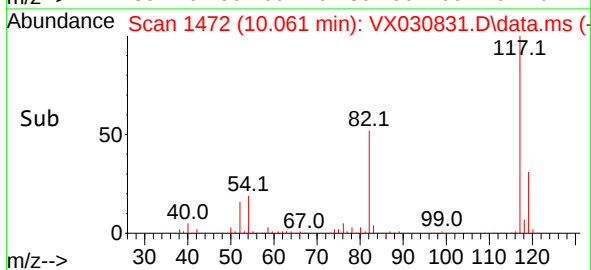
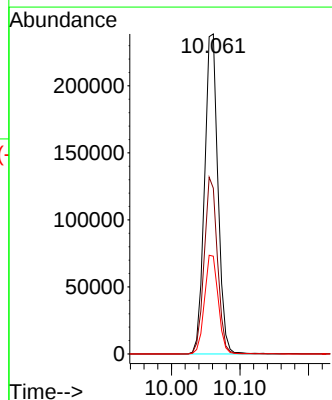
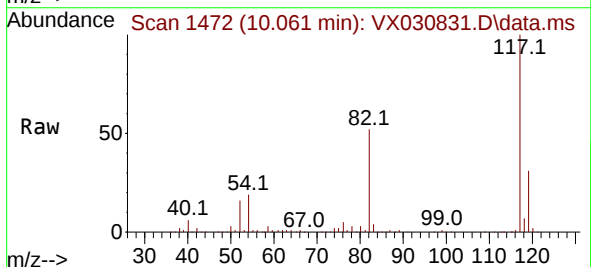
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

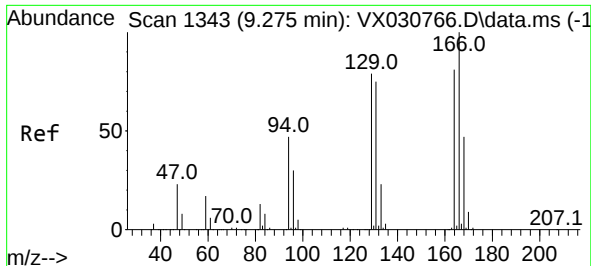
Tgt Ion: 95 Resp: 132839
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 75.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030831.D
Acq: 26 Aug 2022 17:49

Tgt Ion: 117 Resp: 325186
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 30.6 25.4 38.2



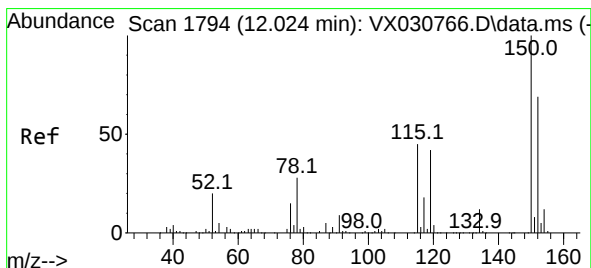
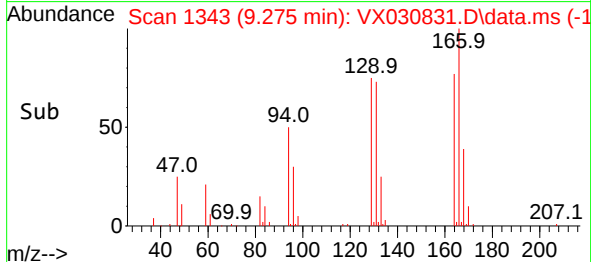
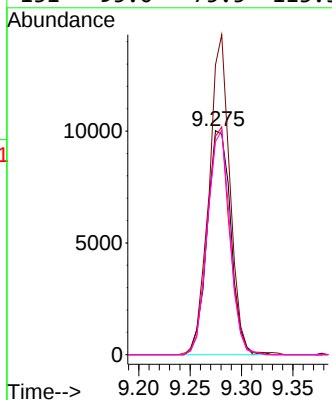
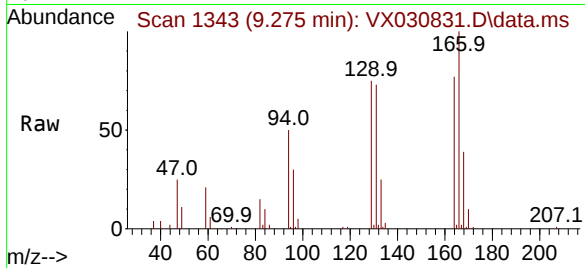


#64
Tetrachloroethene
Concen: 6.231 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030831.D
Acq: 26 Aug 2022 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:164 Resp: 15961

Ion	Ratio	Lower	Upper
164	100		
166	129.4	98.2	147.4
129	97.4	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: VX030831.D
Acq: 26 Aug 2022 17:49

Tgt Ion:152 Resp: 124751

Ion	Ratio	Lower	Upper
152	100		
115	60.3	40.5	121.5
150	157.5	0.0	347.0

