

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028677.D
 Acq On : 13 May 2022 14:56
 Operator : JC/MD
 Sample : N2779-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW150S1-GW-20220510

Quant Time: May 16 02:21:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

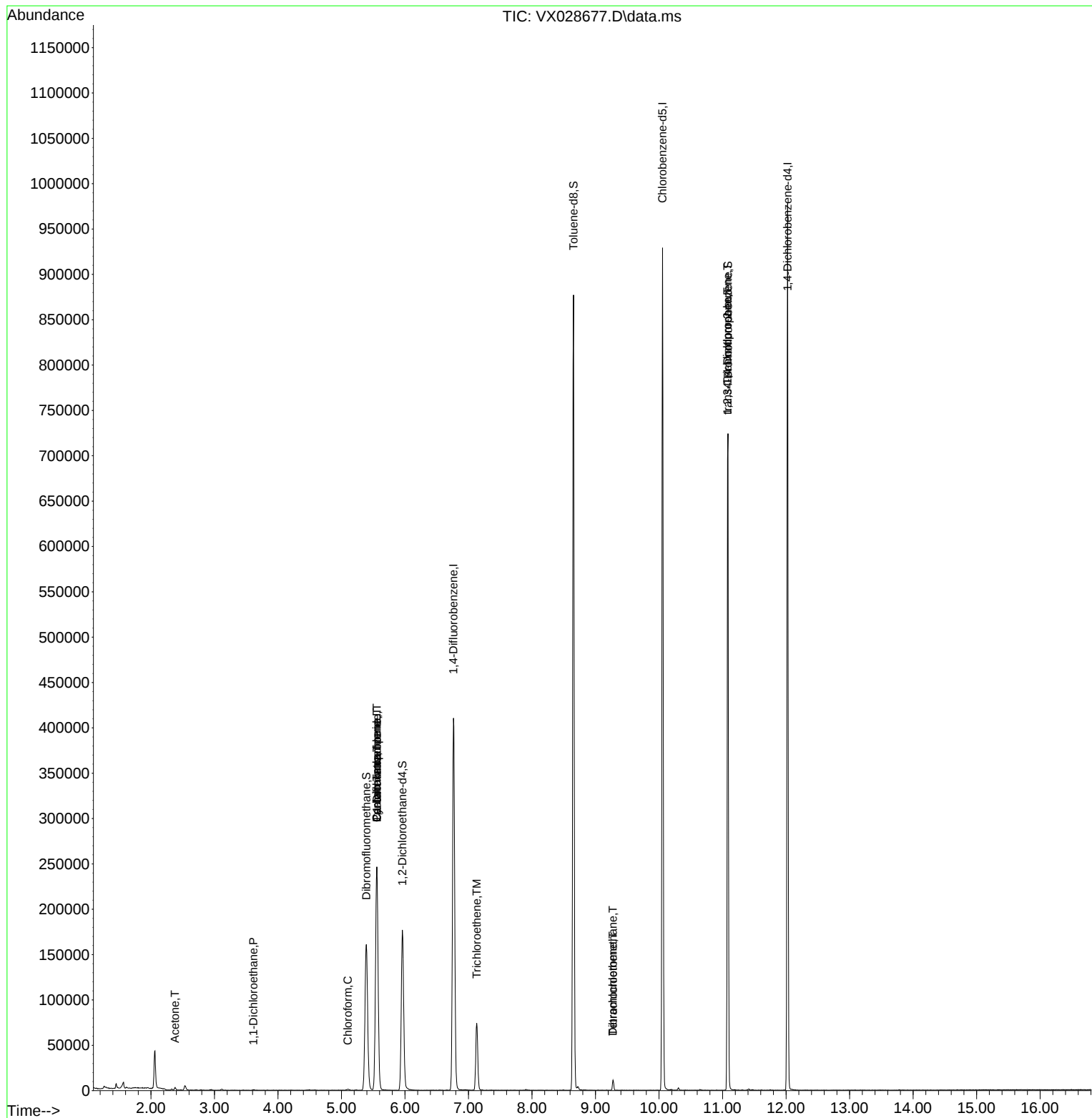
Internal Standards						
1) Pentafluorobenzene	5.556	168	222103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168284	55.274	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.540%	
35) Dibromofluoromethane	5.391	113	138546	50.635	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.260%	
50) Toluene-d8	8.653	98	509307	49.371	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	11.085	95	189286	49.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	620	Below Cal	#	66
6) Chloroethane	1.697	64	320	Below Cal	#	87
11) Tert butyl alcohol	2.953	59	402	Below Cal	#	72
16) Acetone	2.380	43	2891	2.213	ug/l	88
24) 1,1-Dichloroethane	3.611	63	948	0.207	ug/l #	81
30) Chloroform	5.099	83	1454	0.293	ug/l #	82
31) Cyclohexane	5.556	56	5841	1.382	ug/l #	54
36) 1,1-Dichloropropene	5.556	75	19535	4.753	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24262	5.866	ug/l #	16
44) Trichloroethene	7.129	130	27804	8.680	ug/l	84
60) Dibromochloromethane	9.275	129	2074	0.686	ug/l #	9
64) Tetrachloroethene	9.275	164	2168	0.708	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	100861	23.422	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	100861	68.336	ug/l #	15

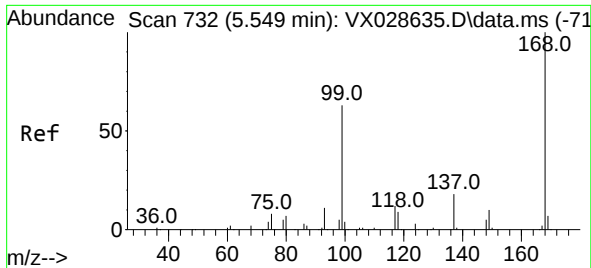
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028677.D
Acq On : 13 May 2022 14:56
Operator : JC/MD
Sample : N2779-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

Quant Time: May 16 02:21:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

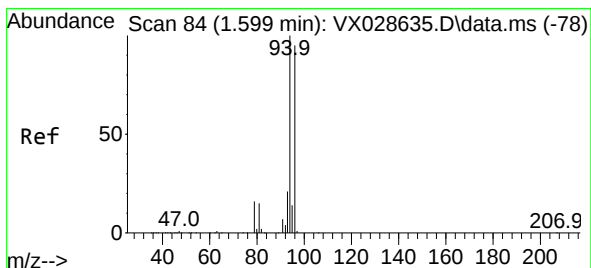
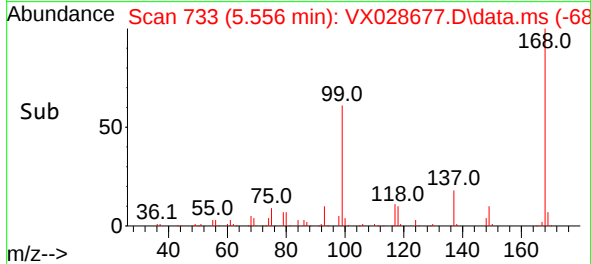
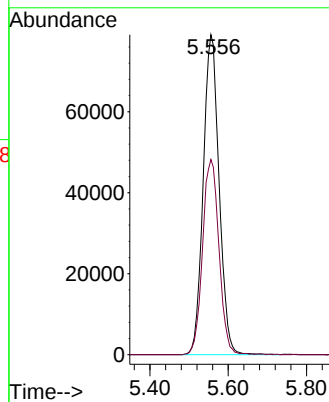
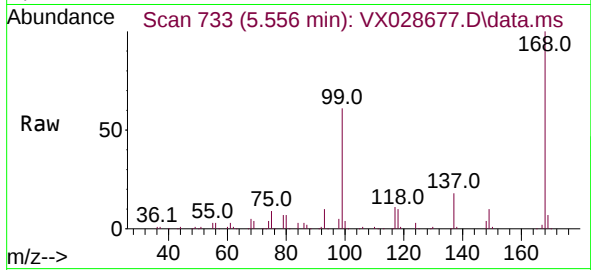




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

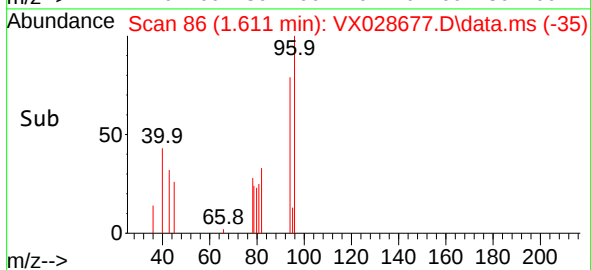
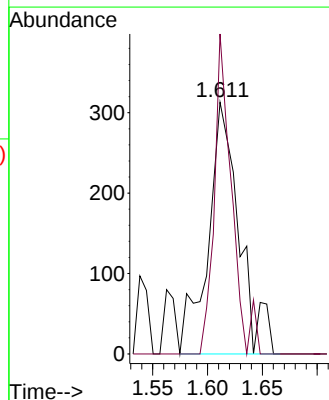
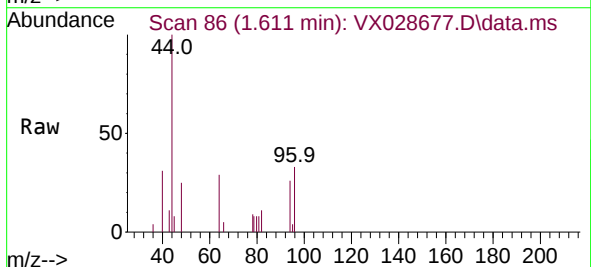
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

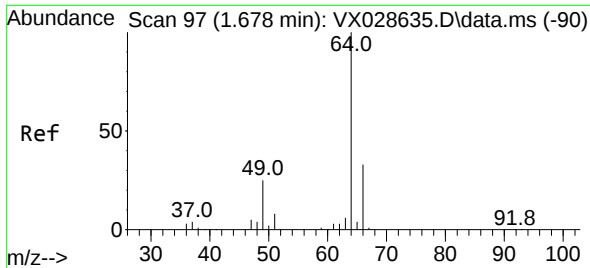
Tgt Ion:168 Resp: 222103
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion: 94 Resp: 620
Ion Ratio Lower Upper
94 100
96 127.2 75.3 112.9#

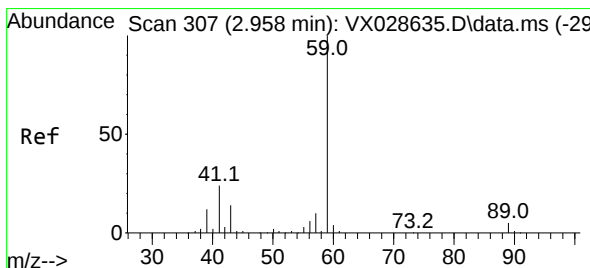
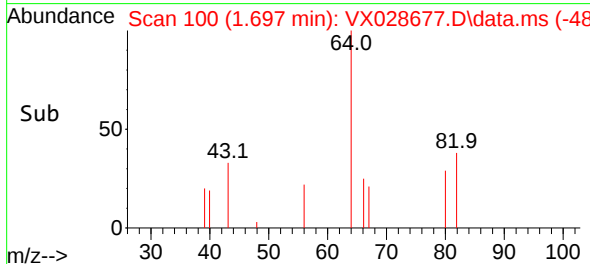
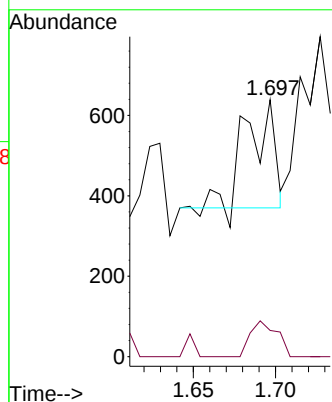
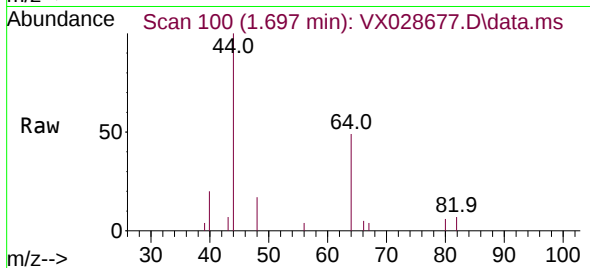




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

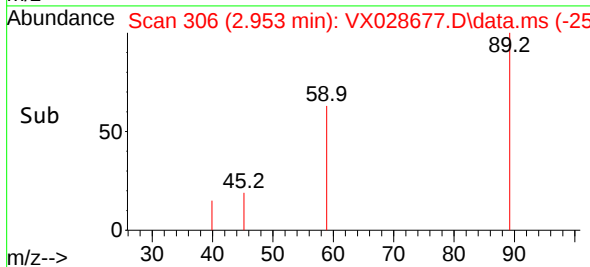
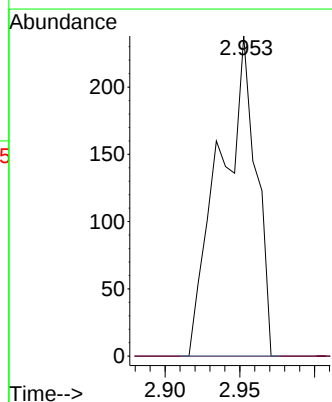
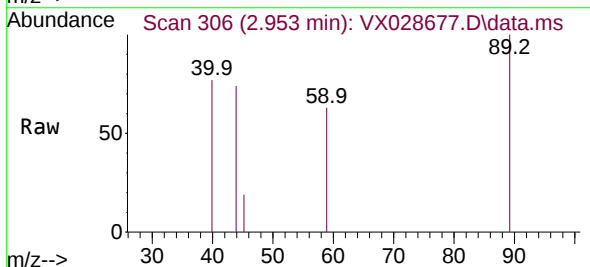
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

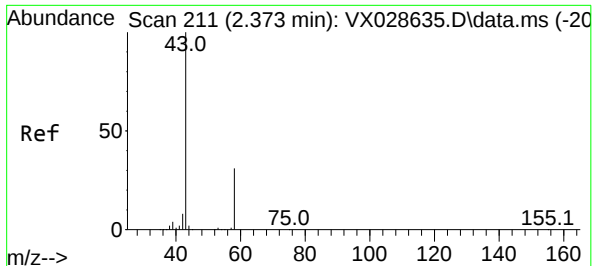
Tgt Ion: 64 Resp: 320
Ion Ratio Lower Upper
64 100
66 24.2 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

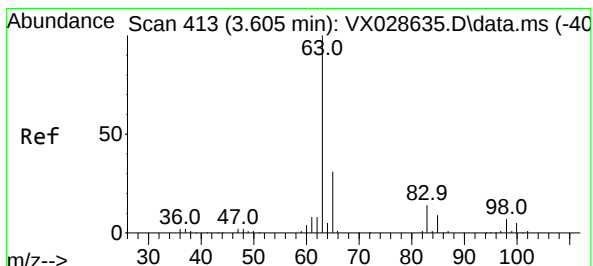
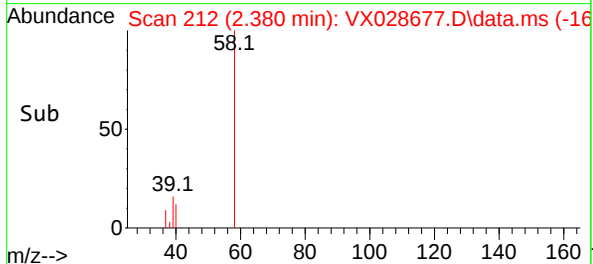
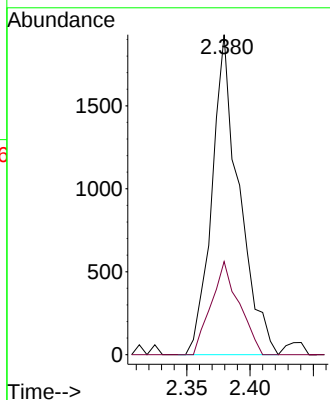
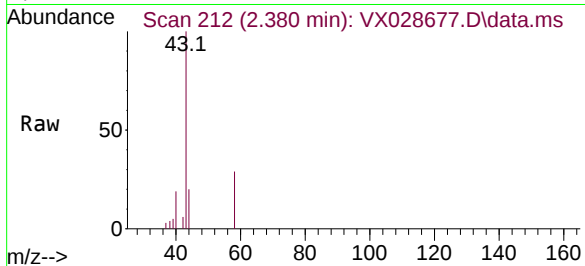




#16
Acetone
Concen: 2.213 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

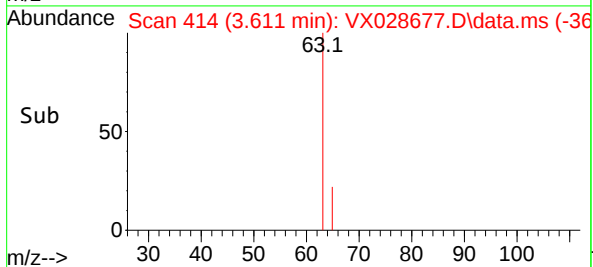
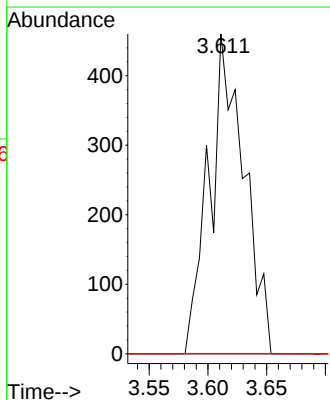
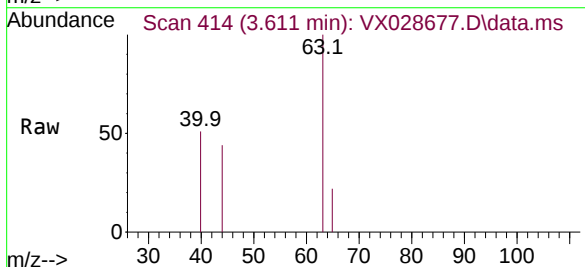
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

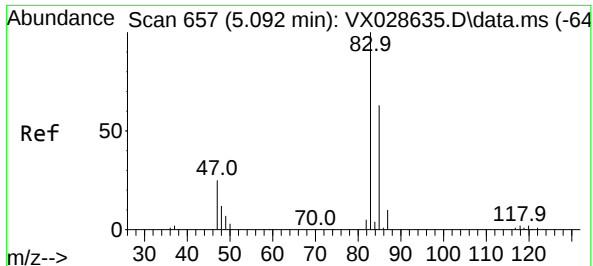
Tgt Ion: 43 Resp: 2891
Ion Ratio Lower Upper
43 100
58 29.1 28.8 43.2



#24
1,1-Dichloroethane
Concen: 0.207 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion: 63 Resp: 948
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#





#30

Chloroform

Concen: 0.293 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

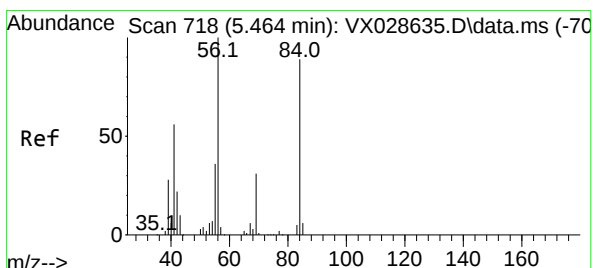
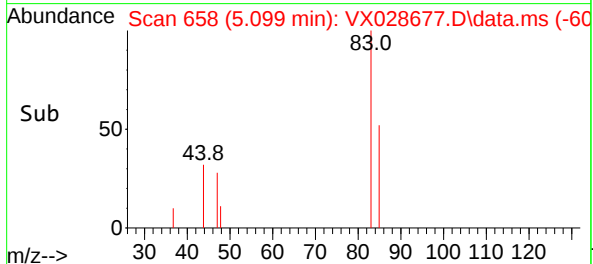
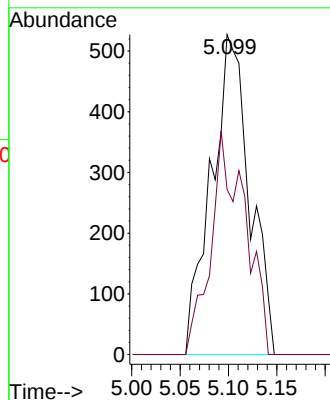
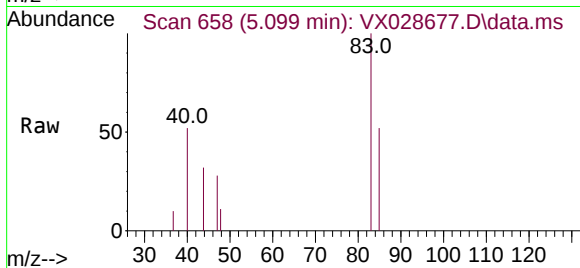
BP-TT-MW150S1-GW-20220510

Tgt Ion: 83 Resp: 1454

Ion Ratio Lower Upper

83 100

85 51.6 52.7 79.1#



#31

Cyclohexane

Concen: 1.382 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

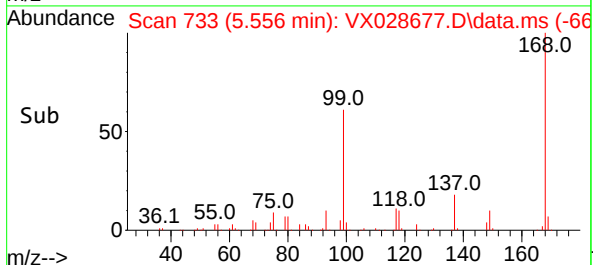
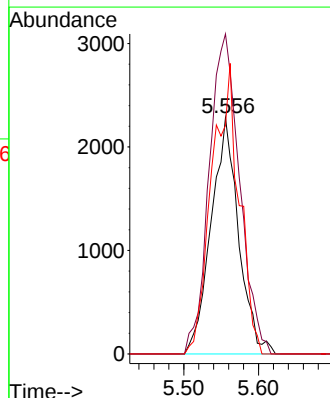
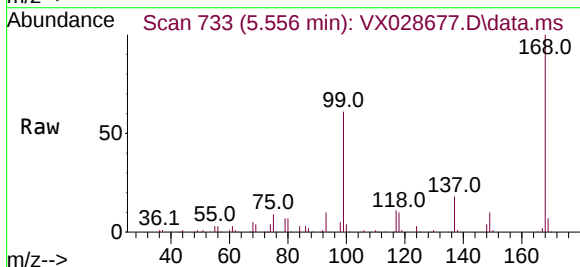
Tgt Ion: 56 Resp: 5841

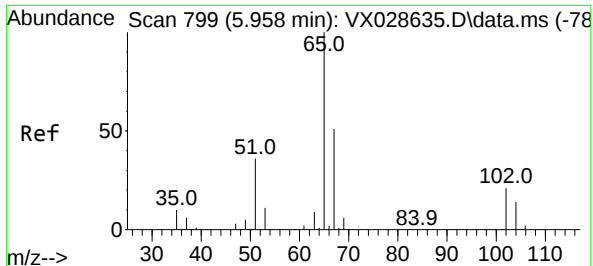
Ion Ratio Lower Upper

56 100

69 135.4 26.7 40.1#

84 96.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 55.274 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

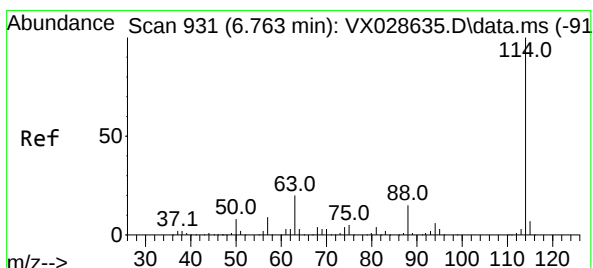
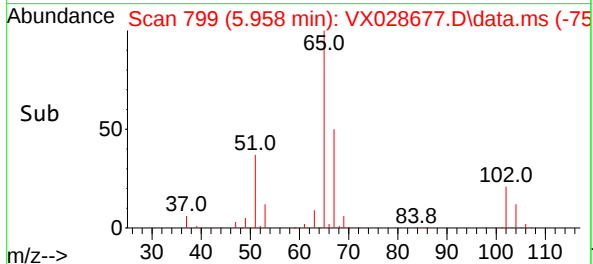
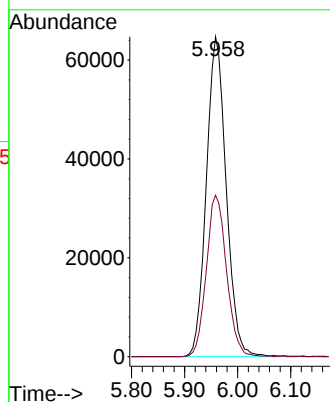
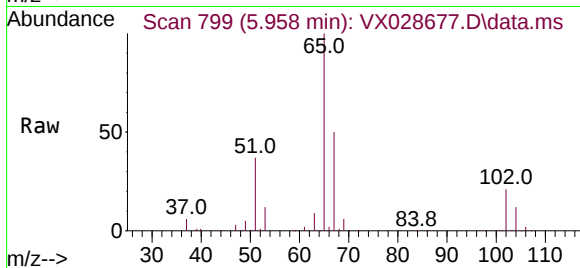
BP-TT-MW150S1-GW-20220510

Tgt Ion: 65 Resp: 168284

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

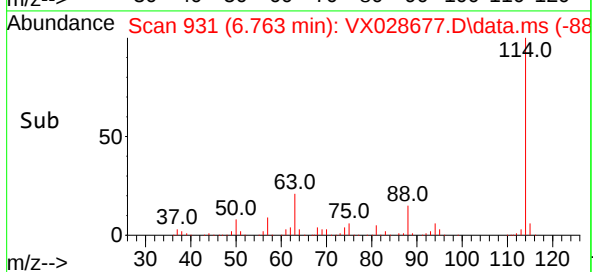
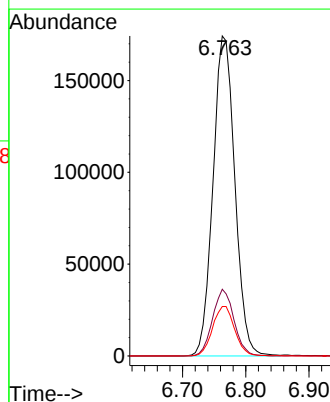
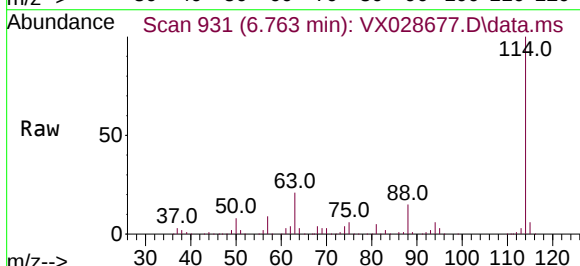
Tgt Ion: 114 Resp: 417621

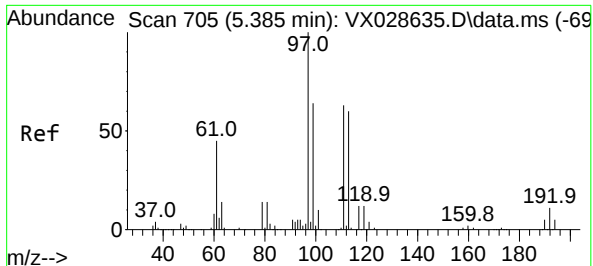
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.635 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028677.D

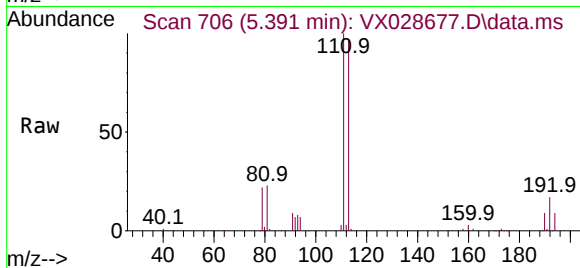
Acq: 13 May 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW150S1-GW-20220510



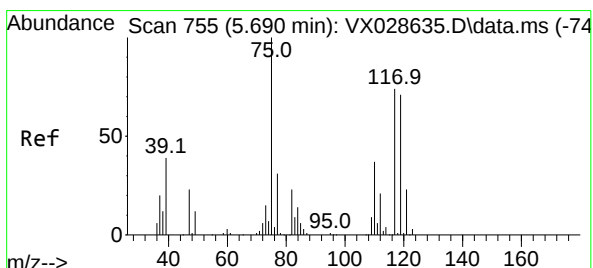
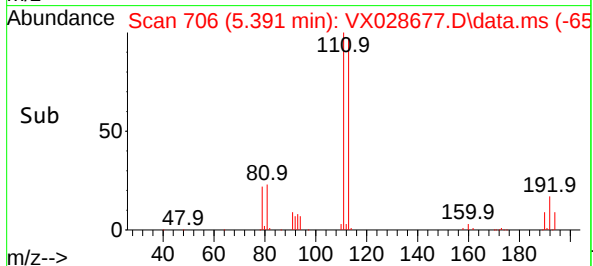
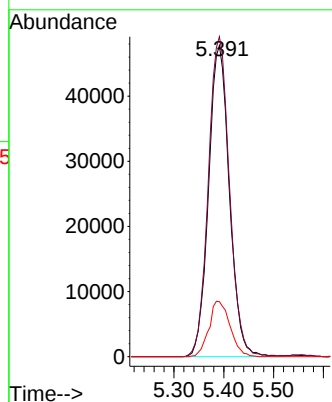
Tgt Ion:113 Resp: 138546

Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.753 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

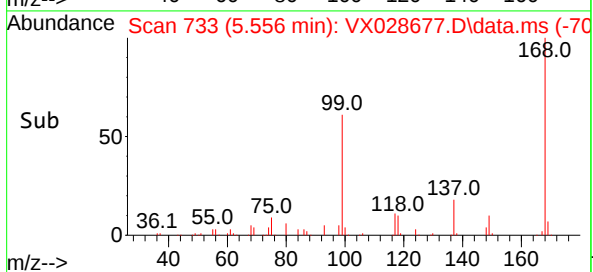
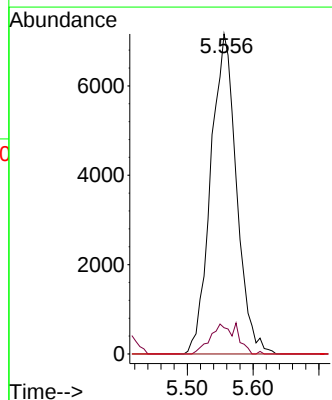
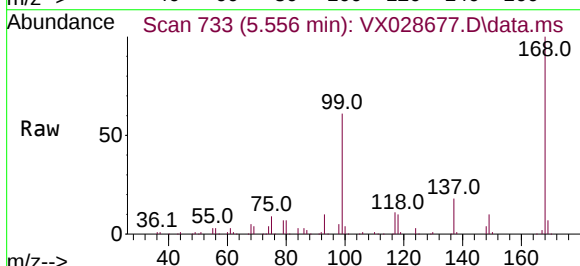
Tgt Ion: 75 Resp: 19535

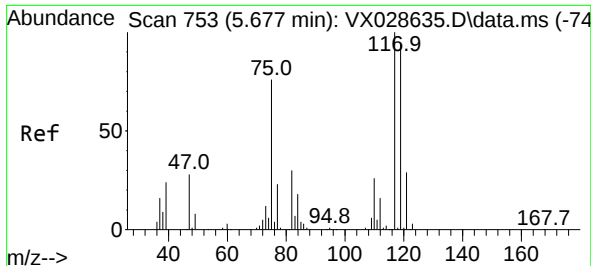
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

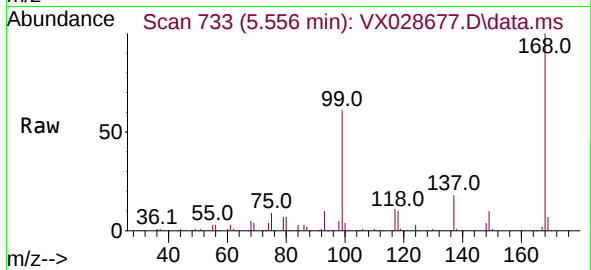
77 0.0 24.8 37.2#



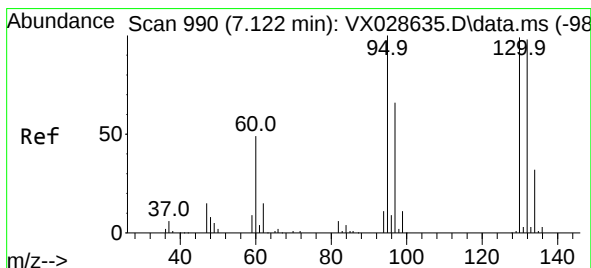
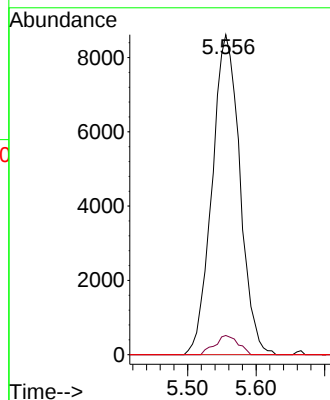
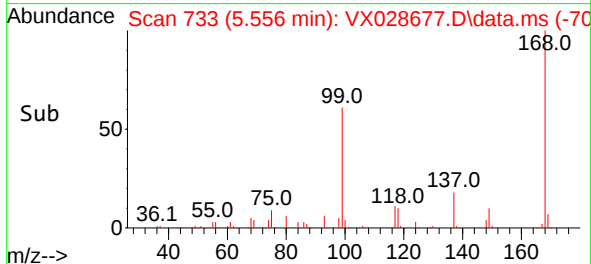


#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

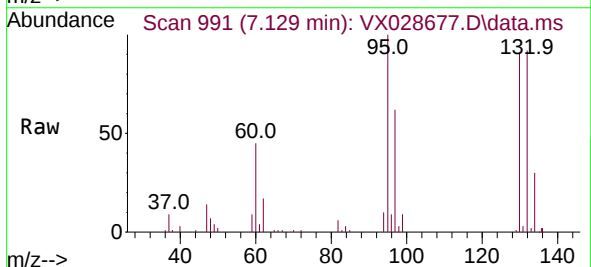
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510



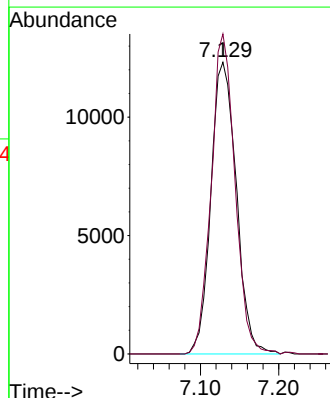
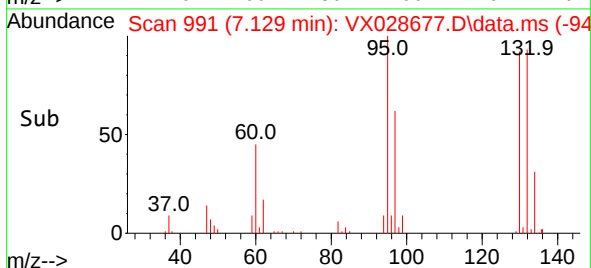
Tgt Ion:117 Resp: 24262
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#

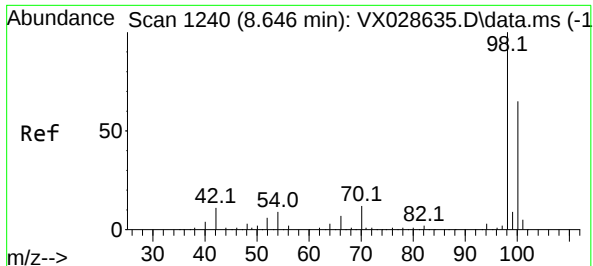


#44
Trichloroethene
Concen: 8.680 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56



Tgt Ion:130 Resp: 27804
Ion Ratio Lower Upper
130 100
95 109.7 0.0 188.8

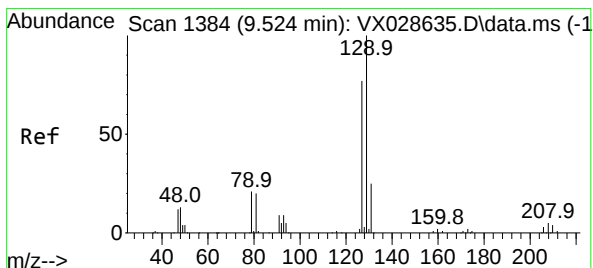
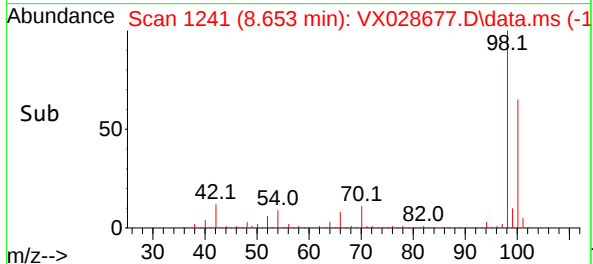
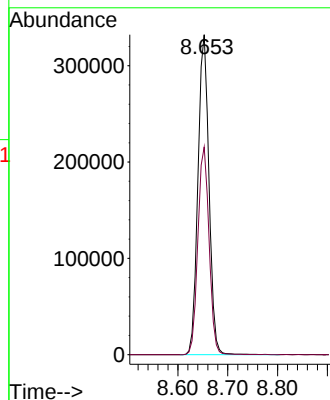
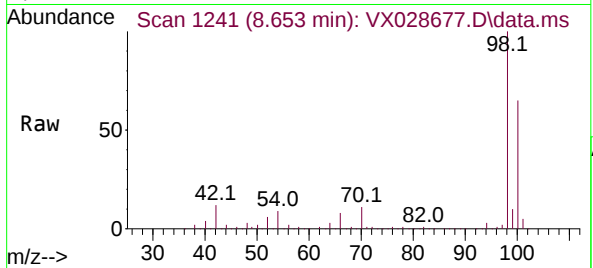




#50
Toluene-d8
Concen: 49.371 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

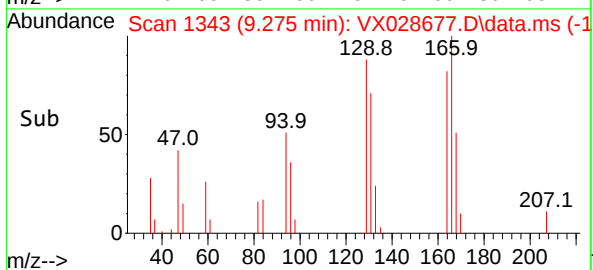
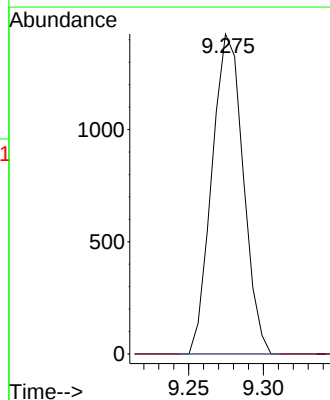
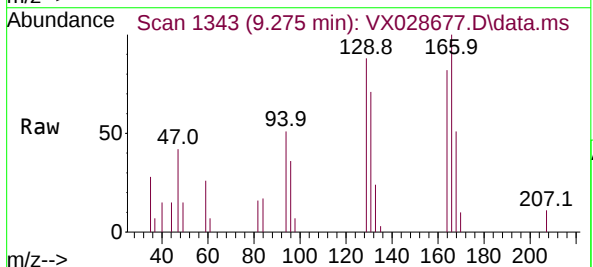
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

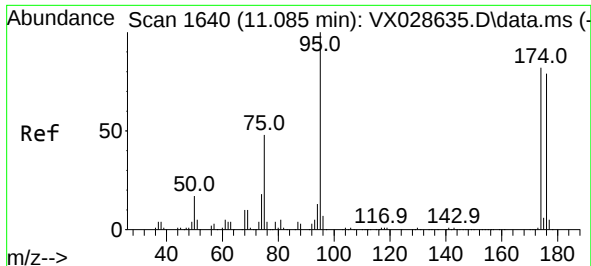
Tgt Ion: 98 Resp: 509307
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#60
Dibromochloromethane
Concen: 0.686 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion: 129 Resp: 2074
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

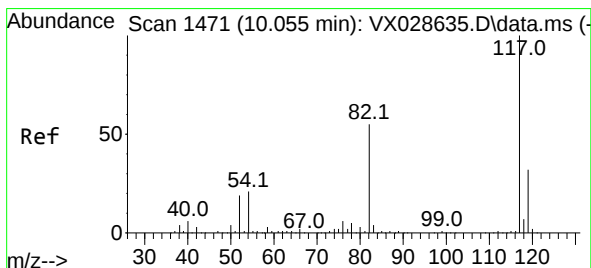
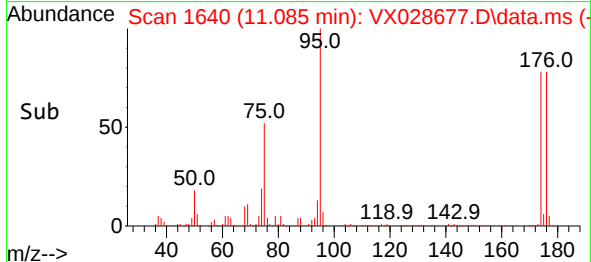
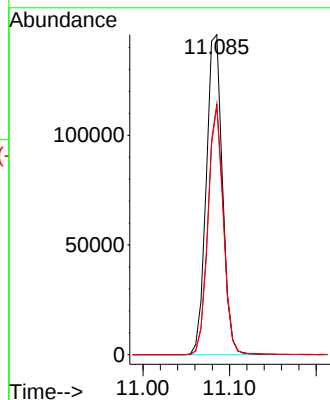
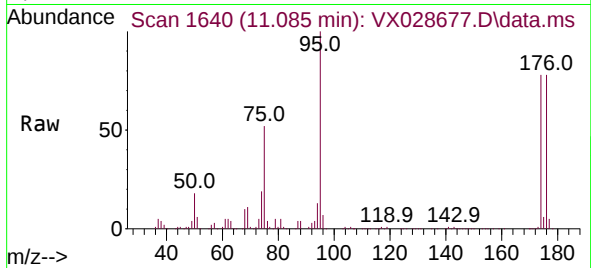




#62
4-Bromofluorobenzene
Concen: 49.126 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

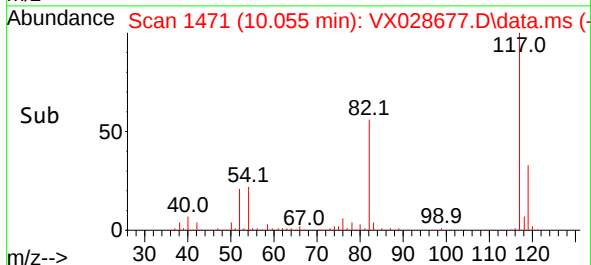
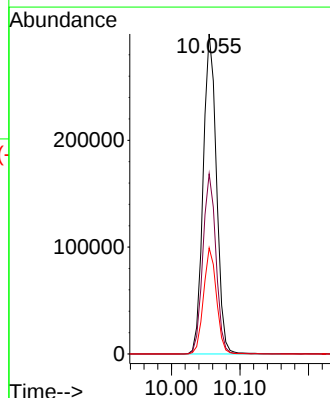
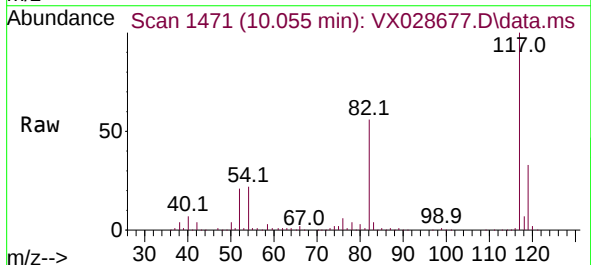
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

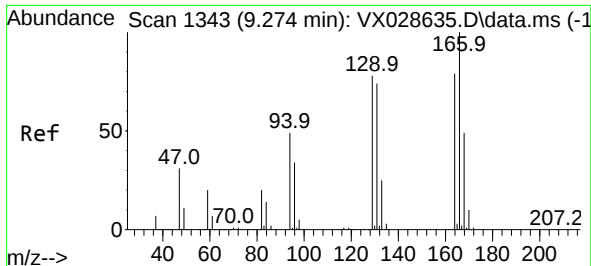
Tgt Ion: 95 Resp: 189286
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 73.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion: 117 Resp: 405256
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 33.2 24.8 37.2



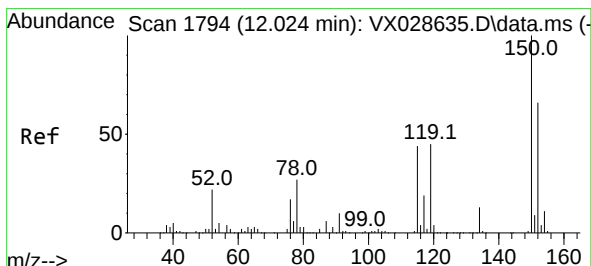
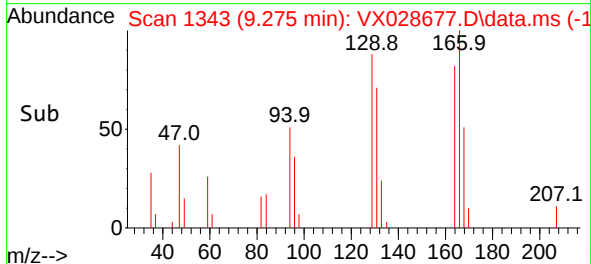
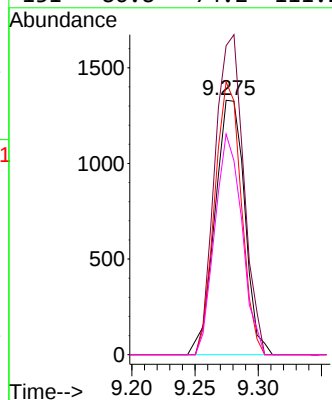
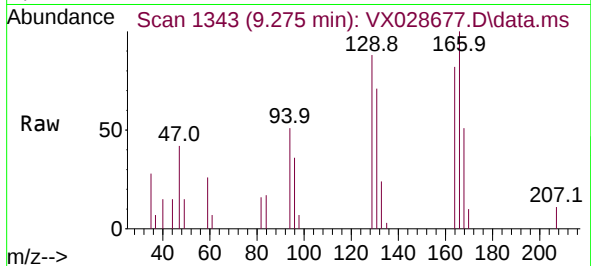


#64
Tetrachloroethene
Concen: 0.708 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW150S1-GW-20220510

Tgt Ion:164 Resp: 2168

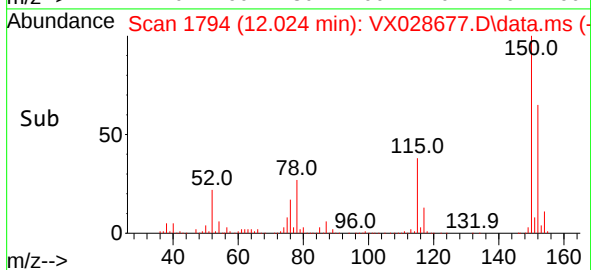
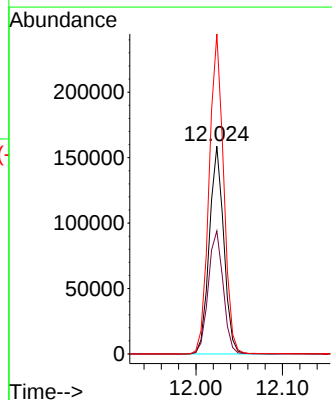
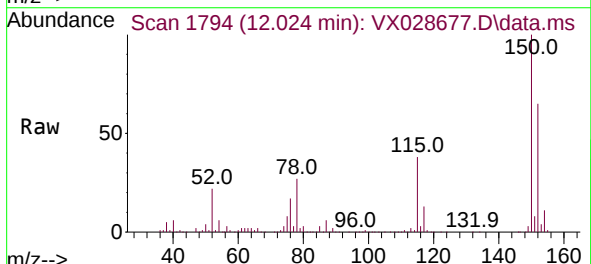
Ion	Ratio	Lower	Upper
164	100		
166	121.4	101.2	151.8
129	107.2	73.0	109.4
131	86.8	74.2	111.2

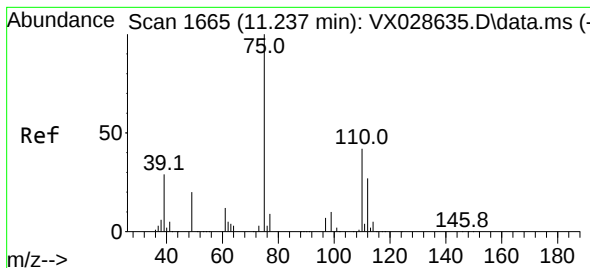


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028677.D
Acq: 13 May 2022 14:56

Tgt Ion:152 Resp: 183875

Ion	Ratio	Lower	Upper
152	100		
115	61.0	37.5	112.7
150	154.7	0.0	338.2





#76

1,2,3-Trichloropropane

Concen: 23.422 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

Instrument :

MSVOA_X

ClientSampleId :

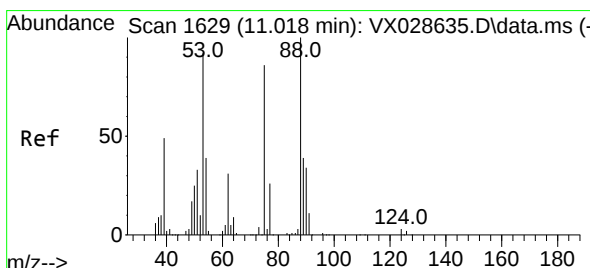
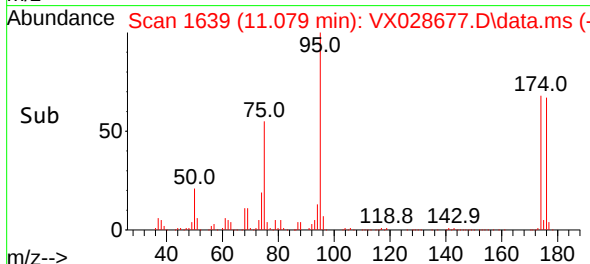
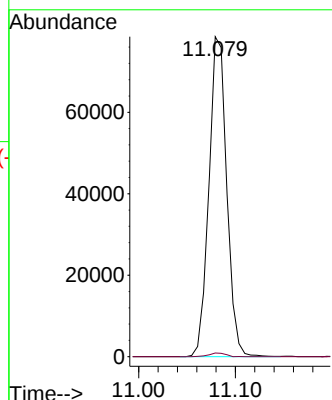
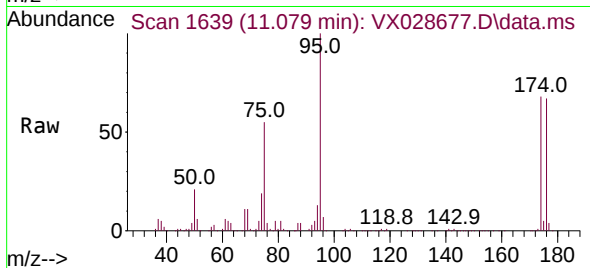
BP-TT-MW150S1-GW-20220510

Tgt Ion: 75 Resp: 100861

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.336 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028677.D

Acq: 13 May 2022 14:56

Tgt Ion: 75 Resp: 100861

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

