

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030809.D
 Acq On : 26 Aug 2022 06:55
 Operator : JC/MD
 Sample : N4278-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

Quant Time: Aug 26 07:49:52 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)

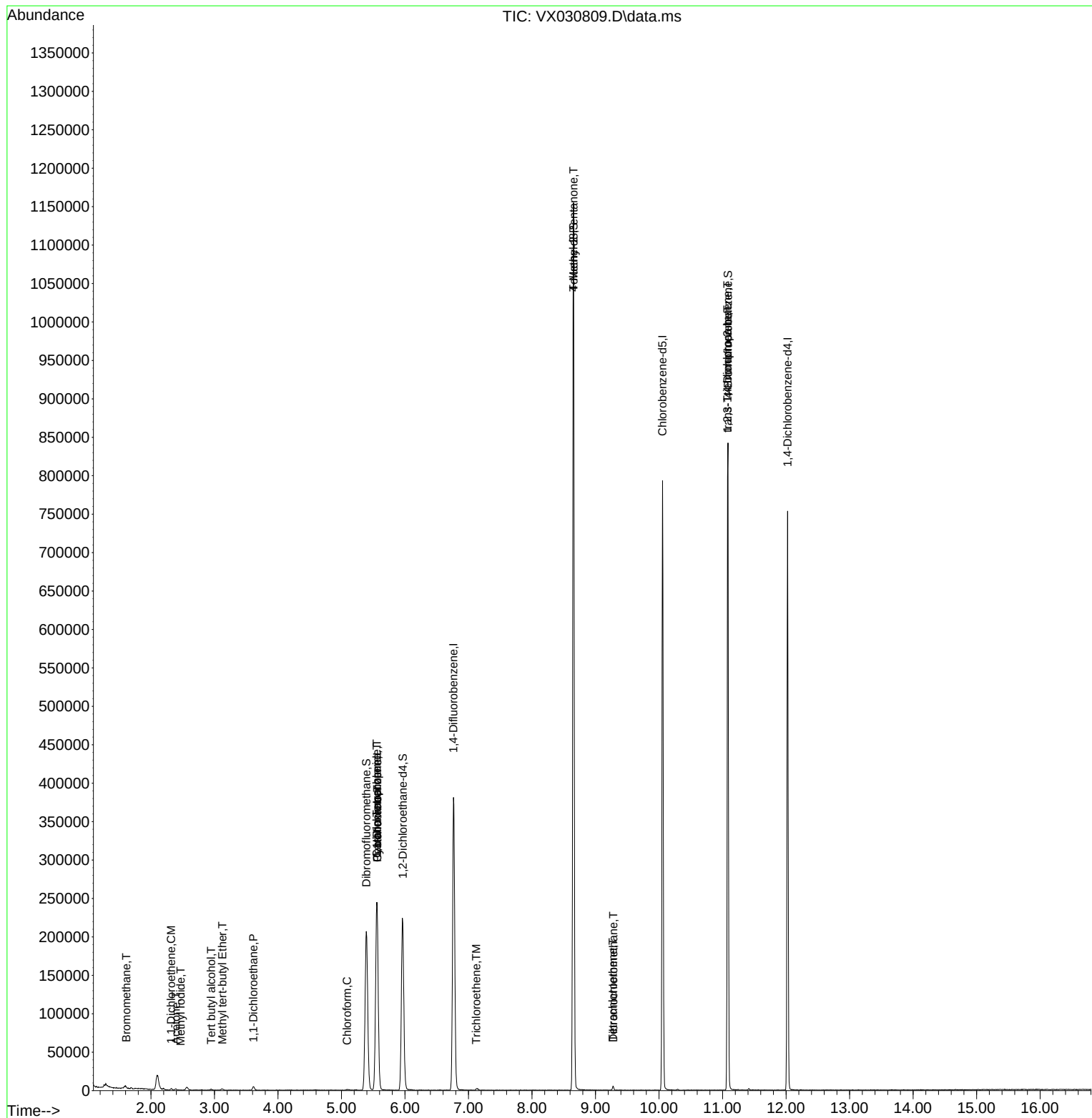
Internal Standards						
1) Pentafluorobenzene	5.562	168	237434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	400196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	213165	76.325	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 152.660%#	
35) Dibromofluoromethane	5.391	113	184834	75.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 150.300%#	
50) Toluene-d8	8.653	98	685314	79.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 159.920%#	
62) 4-Bromofluorobenzene	11.085	95	231436	72.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 145.060%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	977	Below Cal		99
5) Bromomethane	1.612	94	226	0.204 ug/l	#	70
6) Chloroethane	1.685	64	1163	Below Cal		97
10) Methyl Iodide	2.465	142	21	4.040 ug/l	#	45
11) Tert butyl alcohol	2.947	59	649	1.070 ug/l	#	74
12) 1,1-Dichloroethene	2.319	96	878	0.408 ug/l	#	89
16) Acetone	2.392	43	1771	1.372 ug/l	#	86
17) Carbon Disulfide	2.526	76	184	Below Cal	#	74
19) Methyl tert-butyl Ether	3.123	73	2107	0.283 ug/l	#	83
20) Methylene Chloride	2.794	84	137	Below Cal	#	42
24) 1,1-Dichloroethane	3.611	63	5268	1.162 ug/l		93
30) Chloroform	5.087	83	1419	0.297 ug/l		86
31) Cyclohexane	5.562	56	4675	1.309 ug/l	#	15
36) 1,1-Dichloropropene	5.556	75	17609	5.258 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	24221	6.856 ug/l	#	18
44) Trichloroethene	7.123	130	1152	0.398 ug/l		67
51) 4-Methyl-2-Pentanone	8.653	43	2919	0.724 ug/l	#	1
60) Dibromochloromethane	9.281	129	1026	0.354 ug/l	#	11
64) Tetrachloroethene	9.275	164	1087	0.385 ug/l	#	79
76) 1,2,3-Trichloropropane	11.079	75	114445	33.432 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	114445	107.867 ug/l	#	13

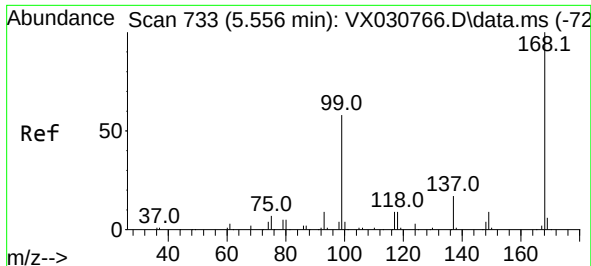
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030809.D
Acq On : 26 Aug 2022 06:55
Operator : JC/MD
Sample : N4278-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

Quant Time: Aug 26 07:49:52 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

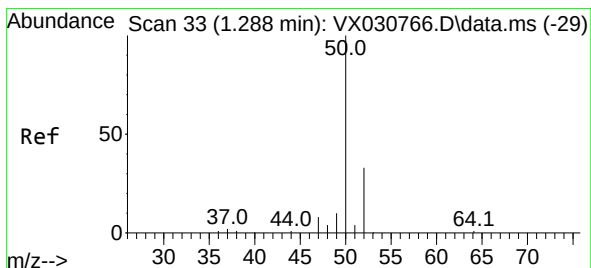
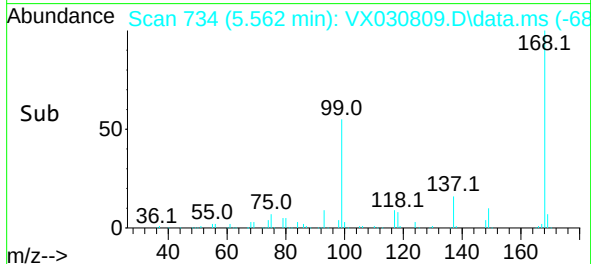
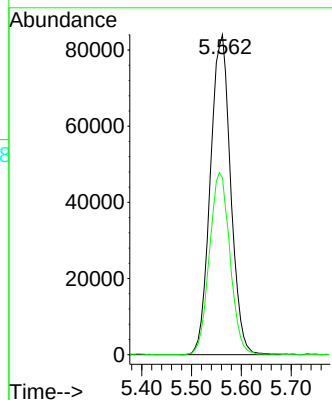
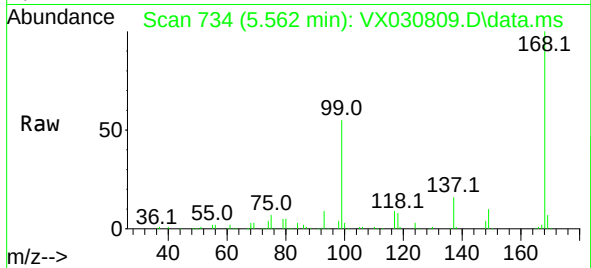




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

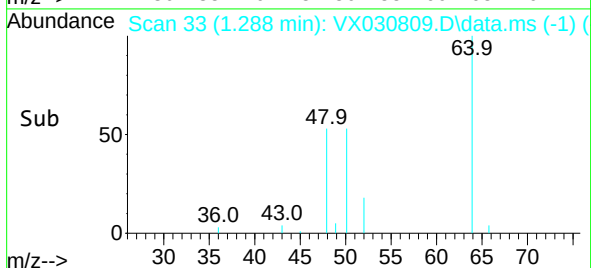
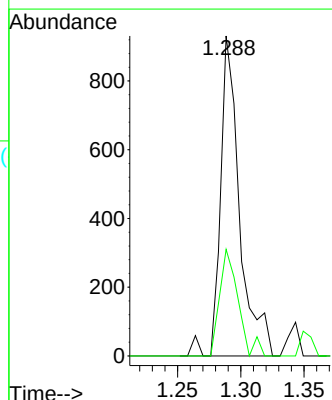
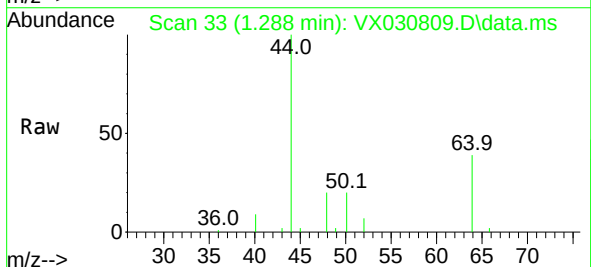
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

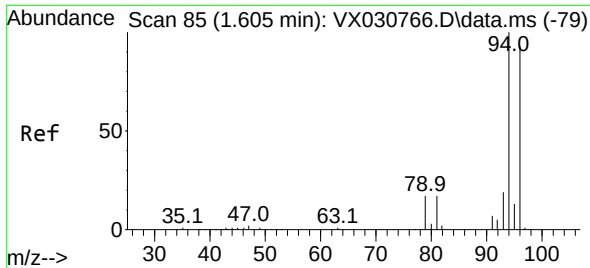
Tgt Ion:168 Resp: 237434
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 50 Resp: 977
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

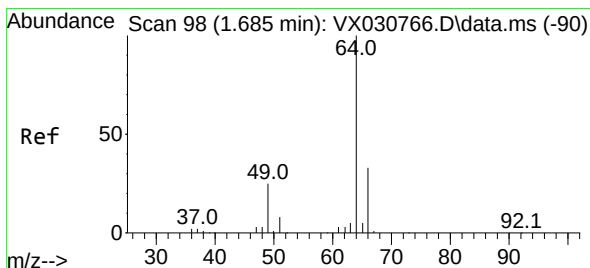
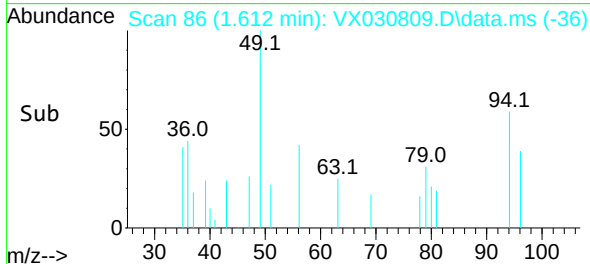
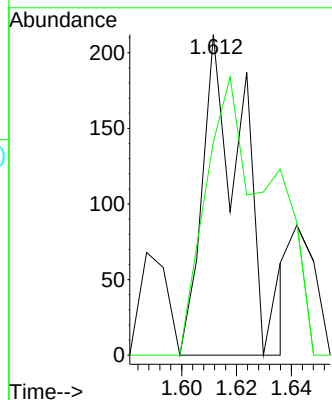
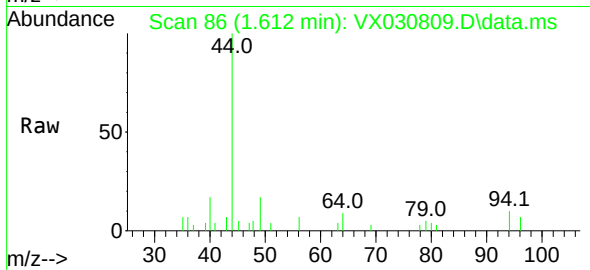




#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

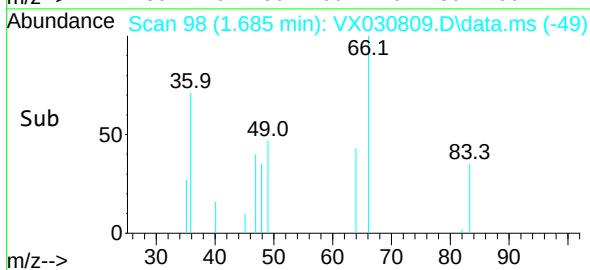
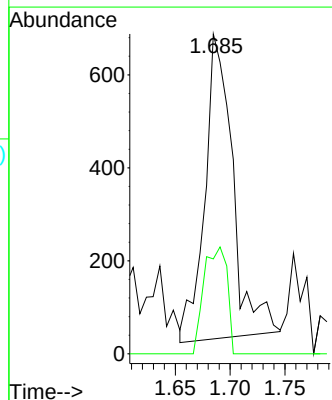
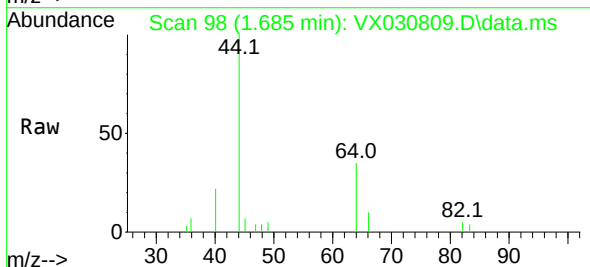
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

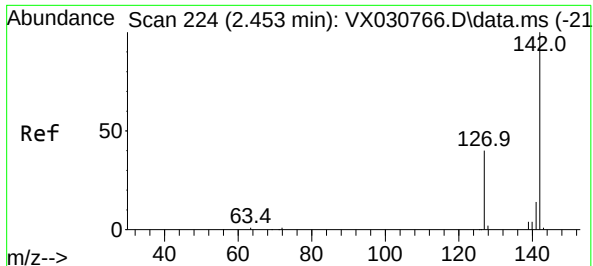
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 66.5 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 64 Resp: 1163
Ion Ratio Lower Upper
64 100
66 32.0 27.2 40.8

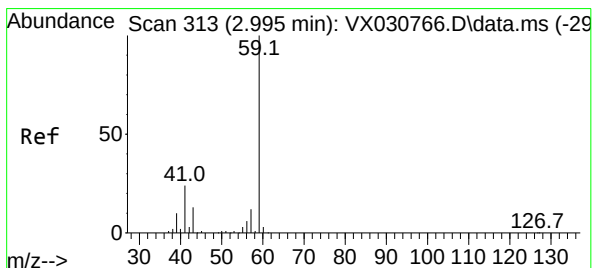
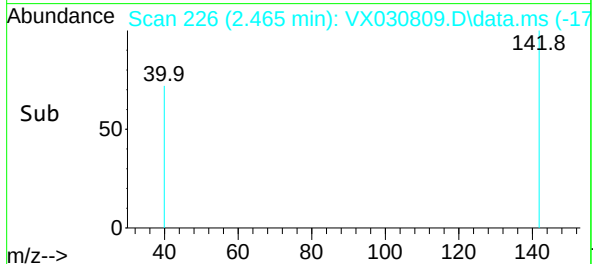
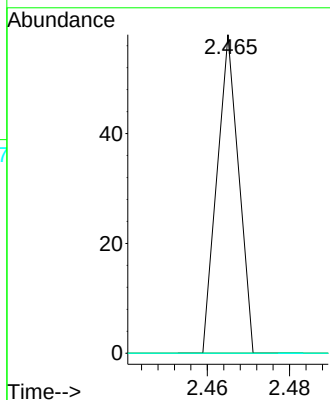
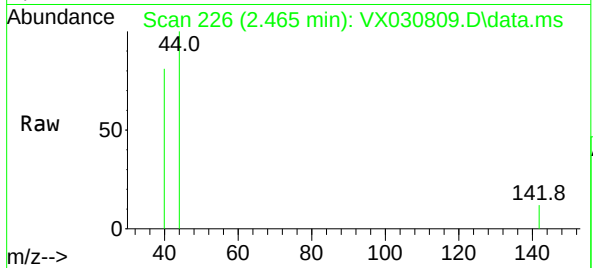




#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

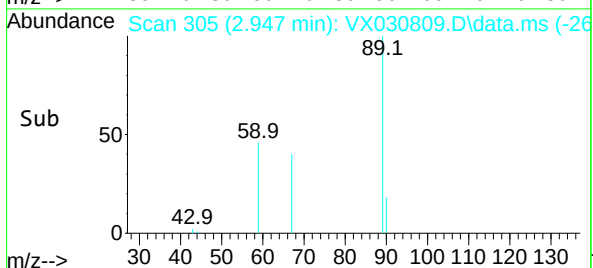
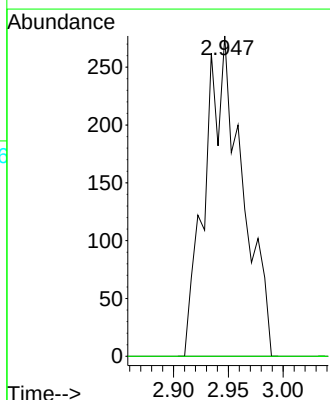
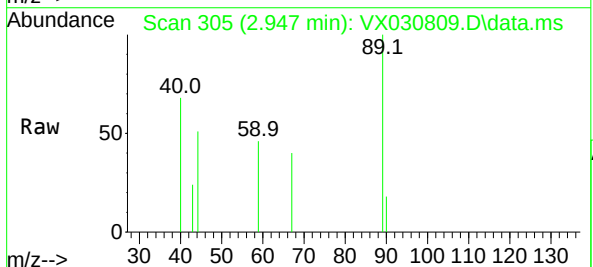
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

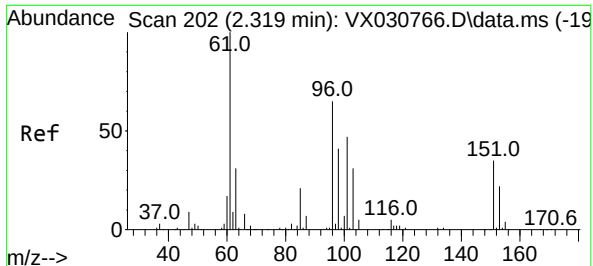
Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.070 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 59 Resp: 649
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#12

1,1-Dichloroethene

Concen: 0.408 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030809.D

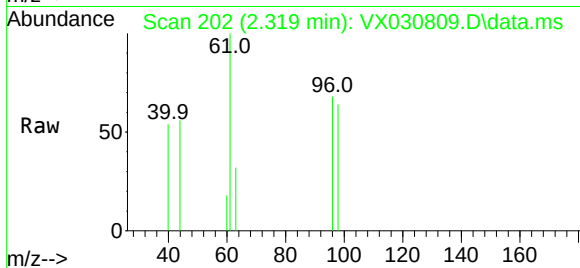
Acq: 26 Aug 2022 06:55

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW158S1-GW-20220819



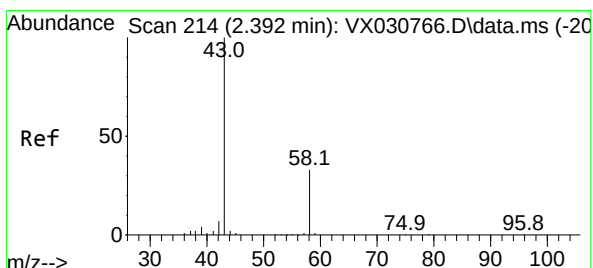
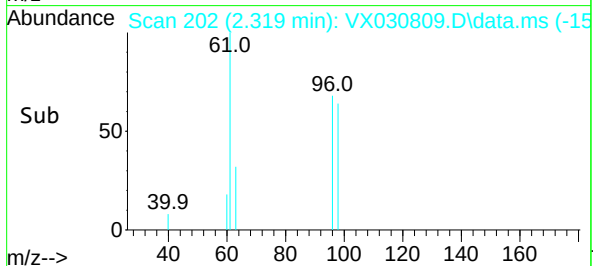
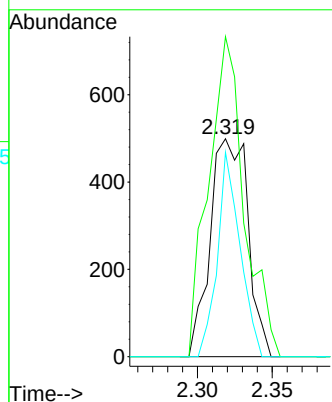
Tgt Ion: 96 Resp: 878

Ion Ratio Lower Upper

96 100

61 146.9 117.4 176.0

98 93.8 52.2 78.4#



#16

Acetone

Concen: 1.372 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030809.D

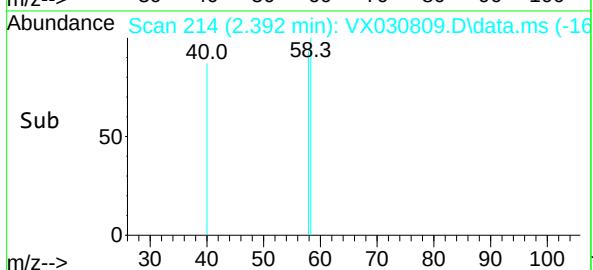
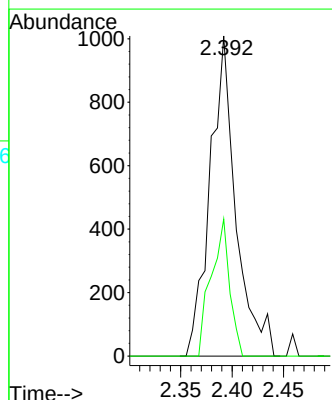
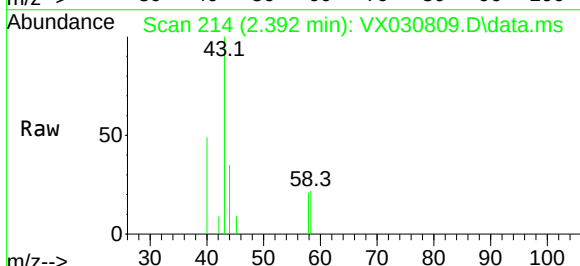
Acq: 26 Aug 2022 06:55

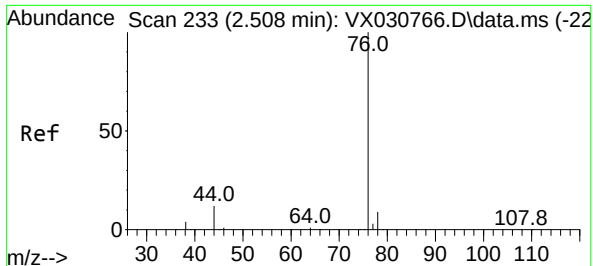
Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

58 42.8 27.7 41.5#

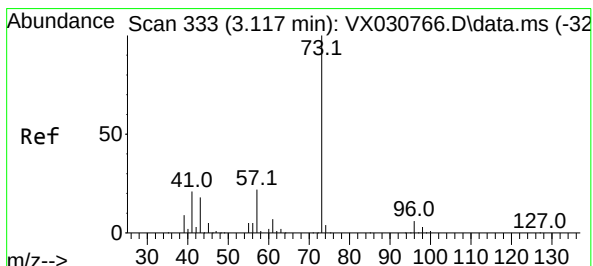
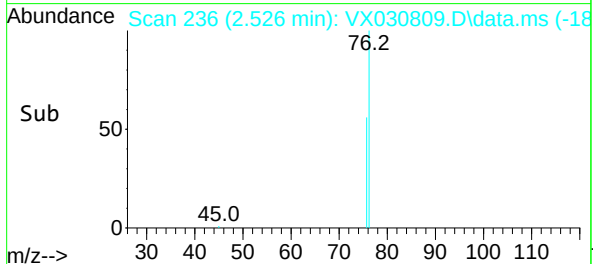
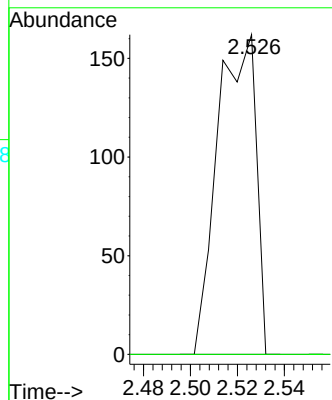
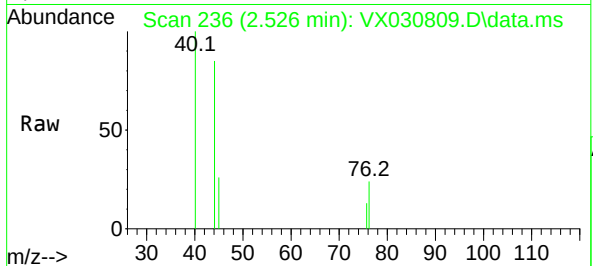




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.526 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

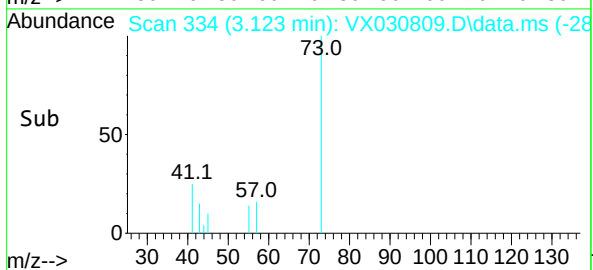
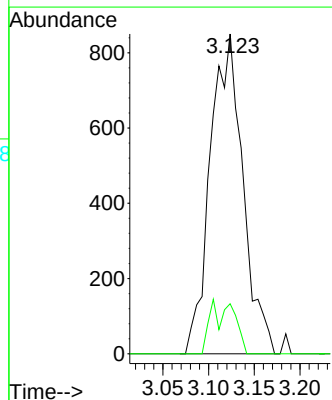
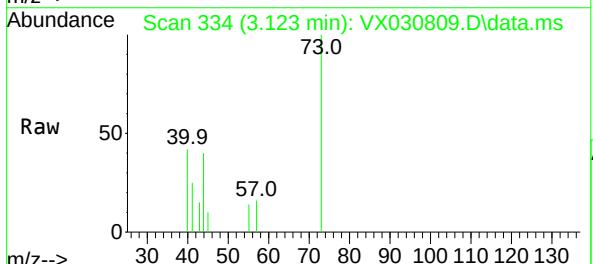
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

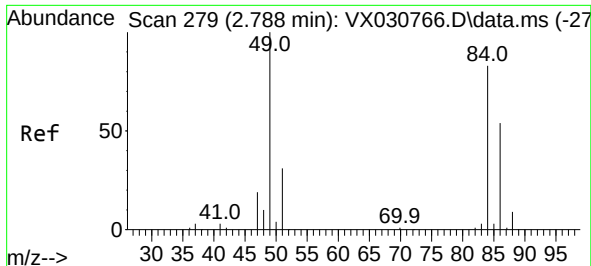
Tgt Ion: 76 Resp: 184
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.283 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 73 Resp: 2107
Ion Ratio Lower Upper
73 100
57 15.6 19.0 28.6#

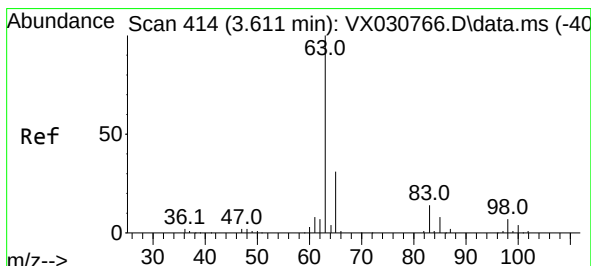
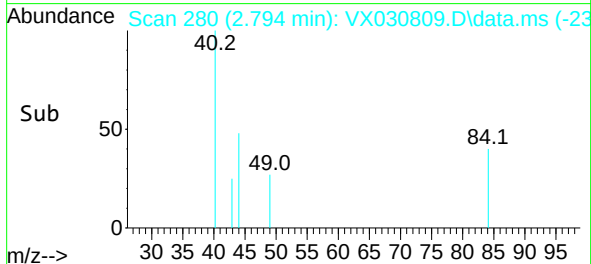
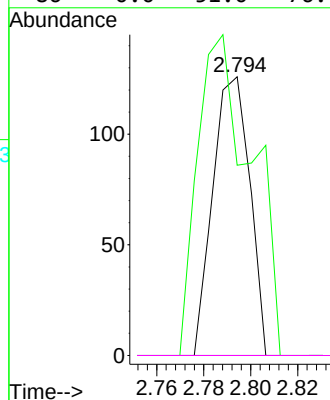
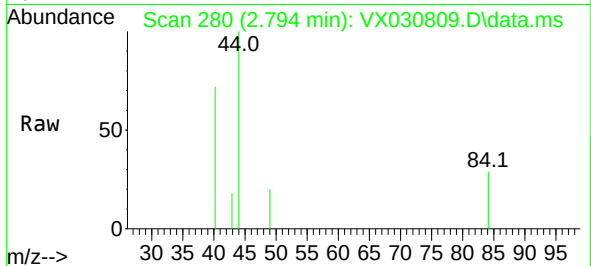




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

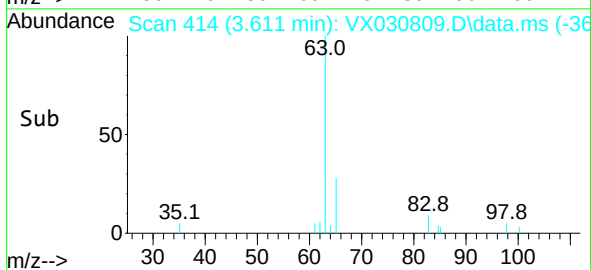
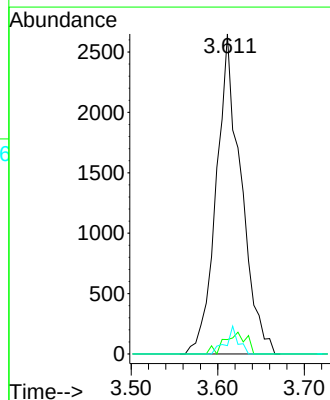
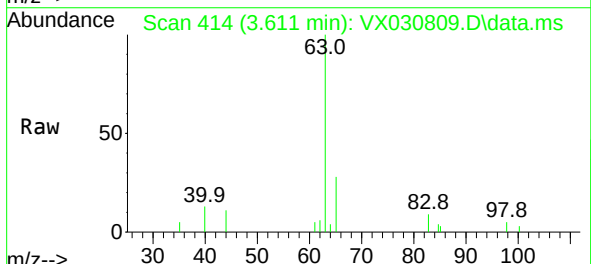
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158S1-GW-20220819

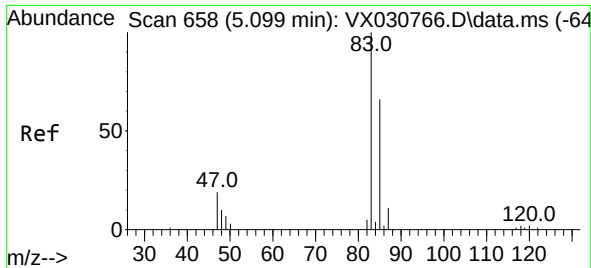
Tgt Ion:	84	Resp:	137
Ion	Ratio	Lower	Upper
84	100		
49	68.3	93.8	140.6#
51	0.0	29.4	44.0#
86	0.0	51.0	76.4#



#24
1,1-Dichloroethane
Concen: 1.162 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion:	63	Resp:	5268
Ion	Ratio	Lower	Upper
63	100		
98	4.5	3.5	10.5
100	2.6	2.3	6.9

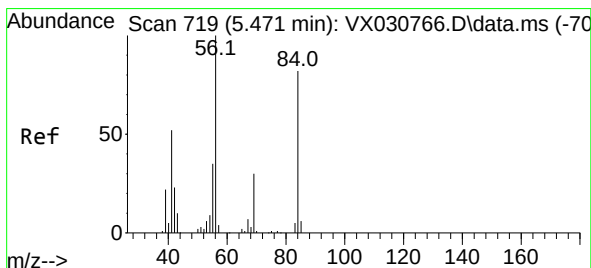
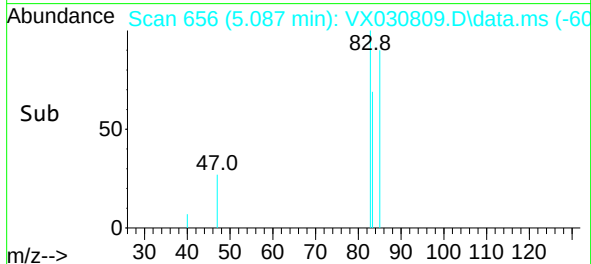
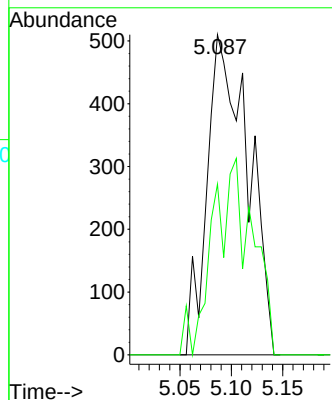
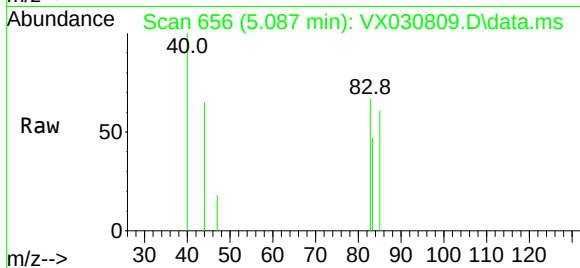




#30
Chloroform
Concen: 0.297 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

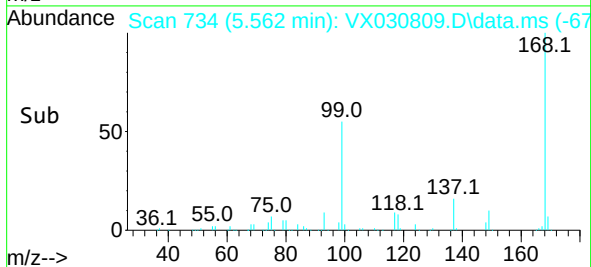
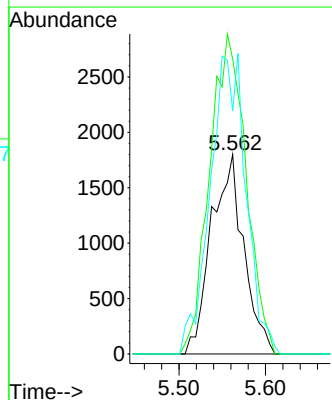
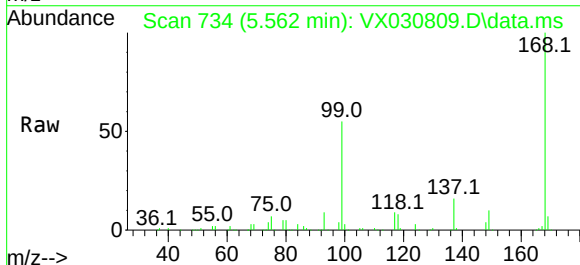
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

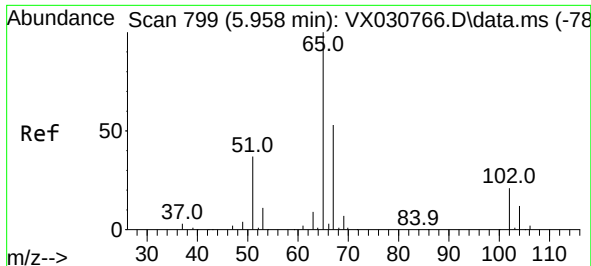
Tgt Ion: 83 Resp: 1419
Ion Ratio Lower Upper
83 100
85 53.3 51.5 77.3



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 56 Resp: 4675
Ion Ratio Lower Upper
56 100
69 148.0 25.4 38.0#
84 121.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 76.325 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030809.D

Acq: 26 Aug 2022 06:55

Instrument :

MSVOA_X

ClientSampleId :

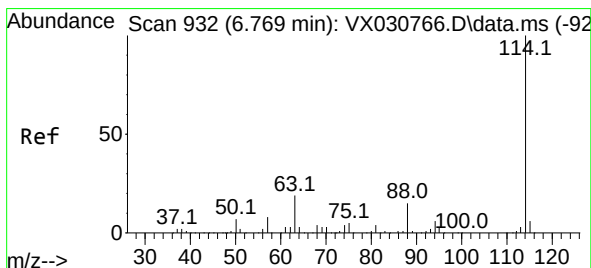
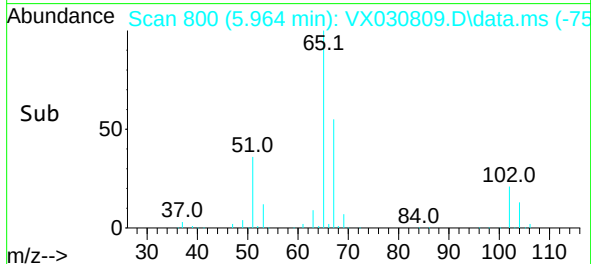
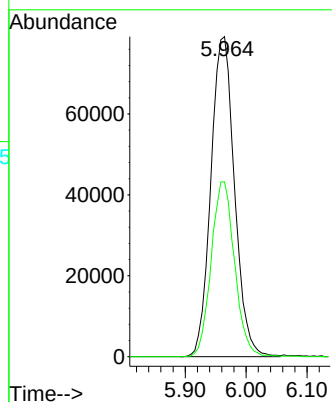
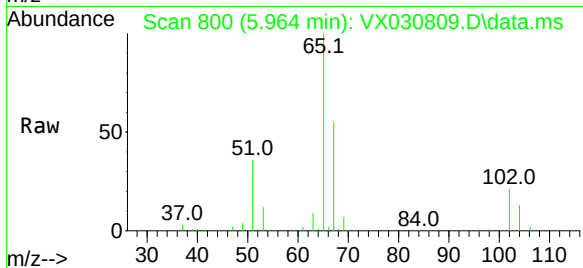
BP-TT-MW158S1-GW-20220819

Tgt Ion: 65 Resp: 213165

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030809.D

Acq: 26 Aug 2022 06:55

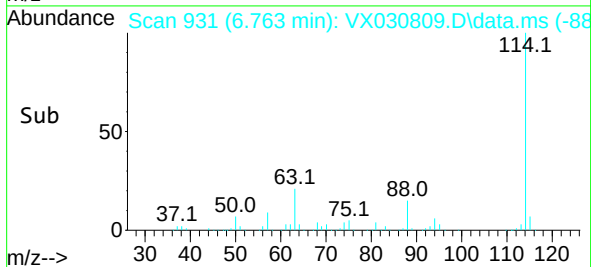
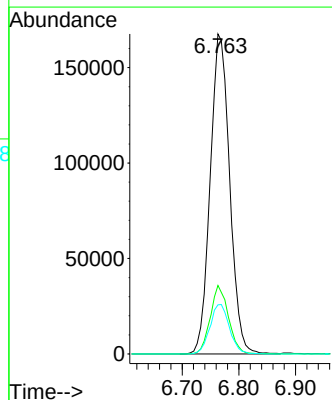
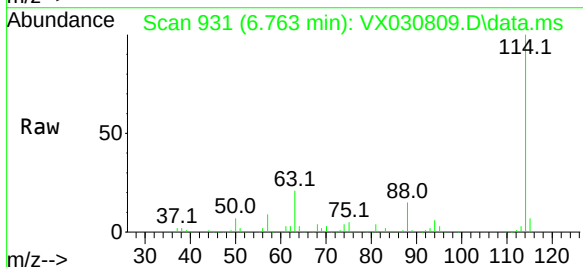
Tgt Ion: 114 Resp: 400196

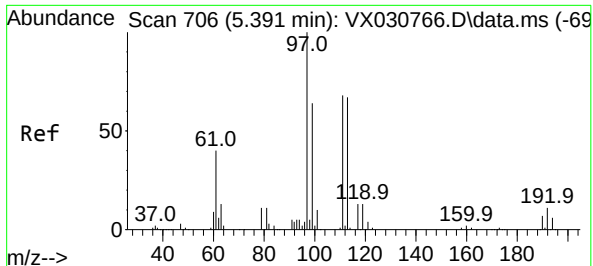
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 15.4 0.0 31.8

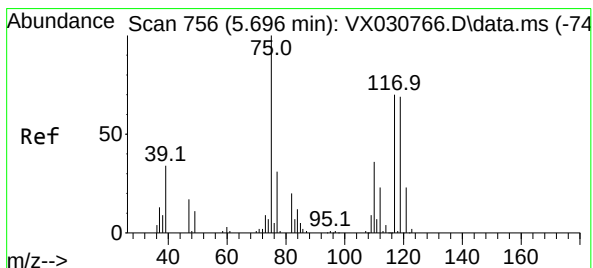
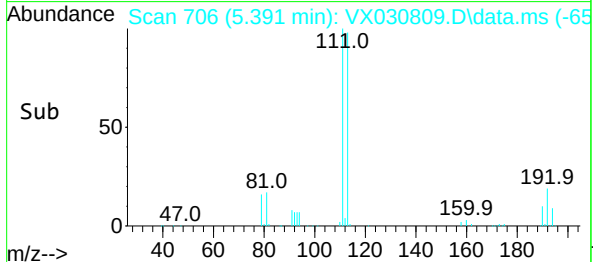
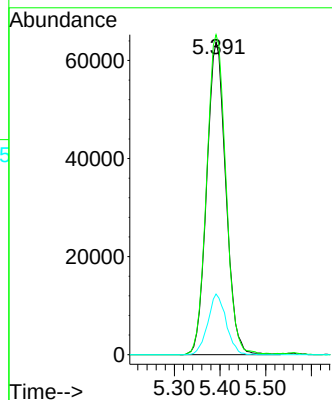
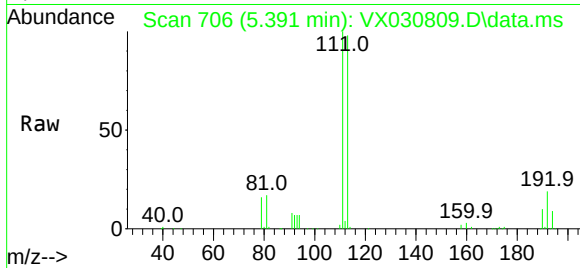




#35
Dibromofluoromethane
Concen: 75.150 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

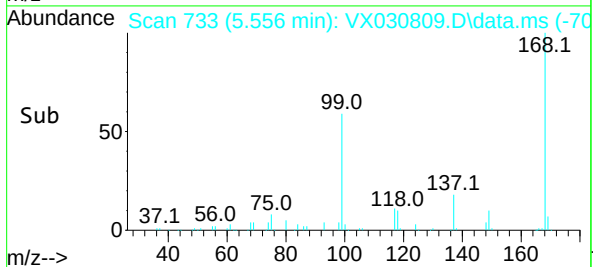
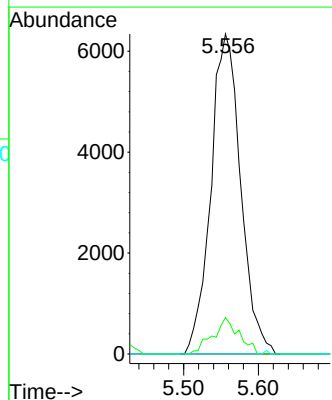
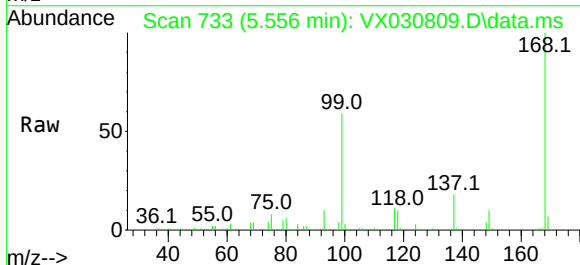
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

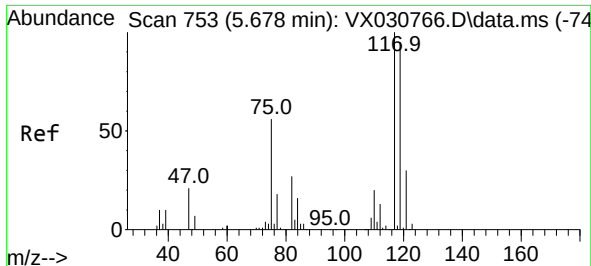
Tgt Ion:113 Resp: 184834
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.258 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 75 Resp: 17609
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#

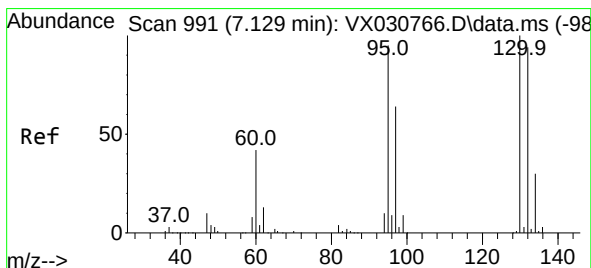
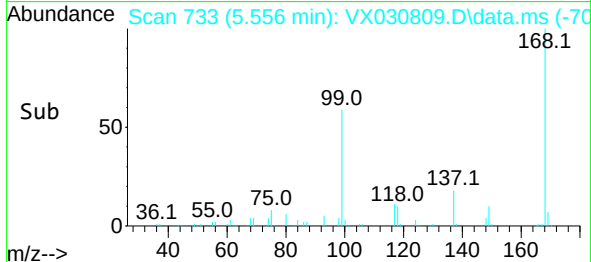
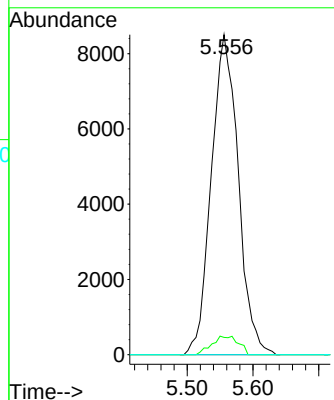
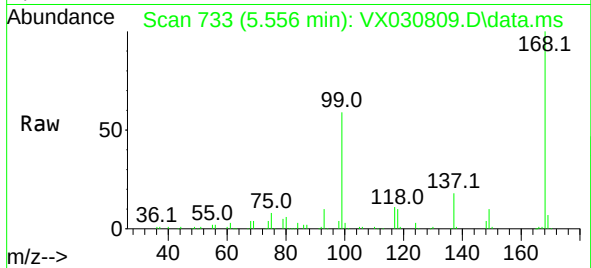




#38
Carbon Tetrachloride
Concen: 6.856 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

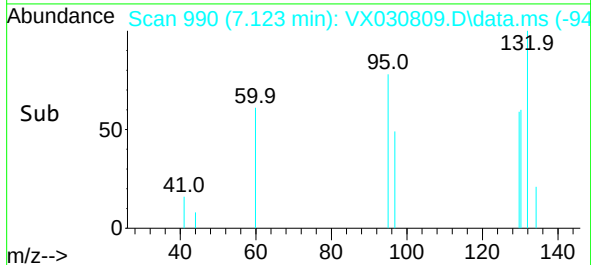
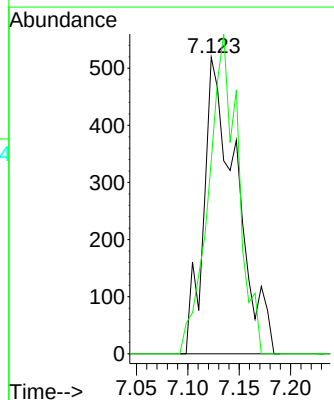
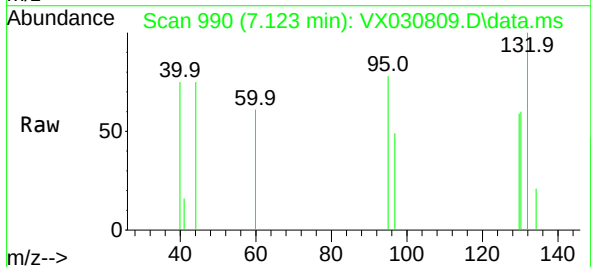
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158S1-GW-20220819

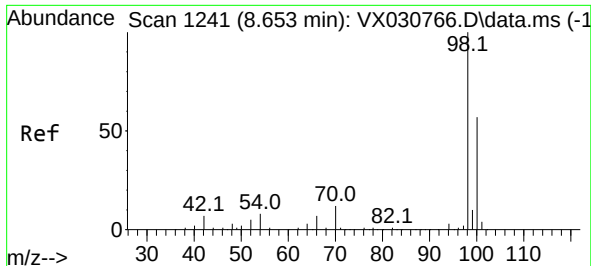
Tgt Ion:117 Resp: 24221
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.398 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion:130 Resp: 1152
Ion Ratio Lower Upper
130 100
95 65.1 0.0 194.8

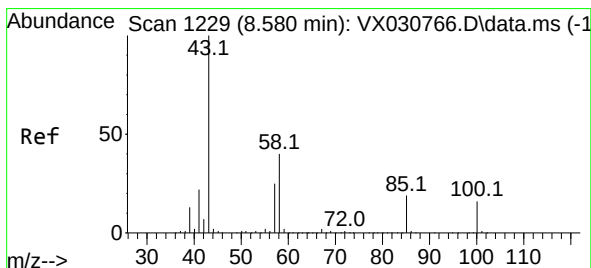
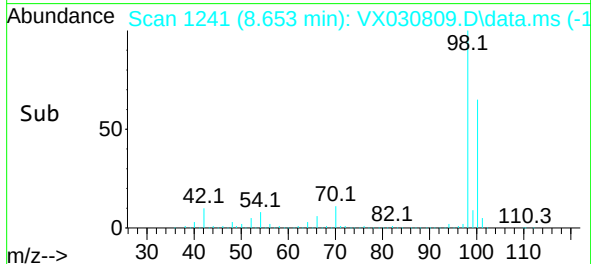
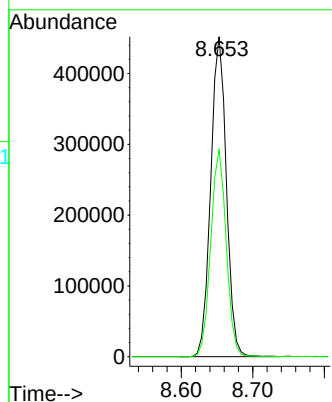
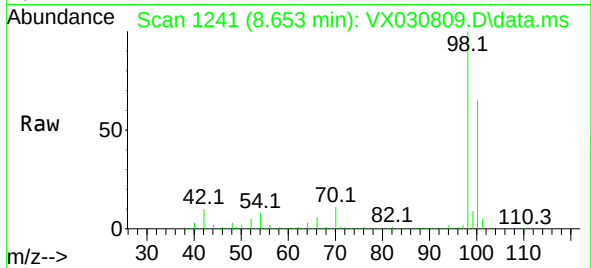




#50
Toluene-d8
Concen: 79.960 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

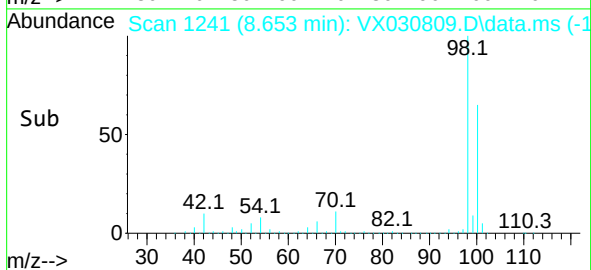
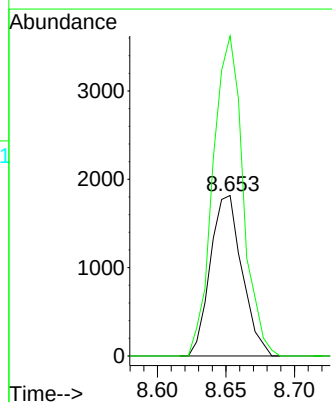
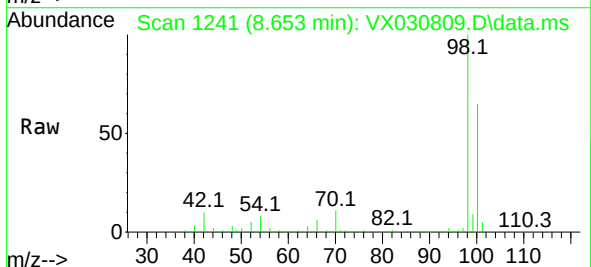
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158S1-GW-20220819

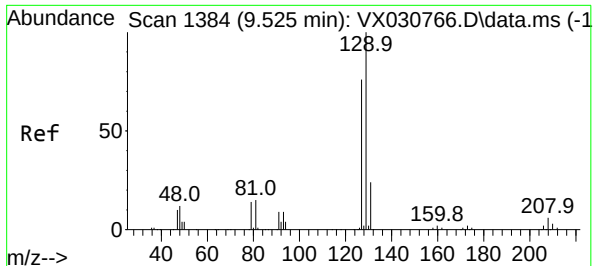
Tgt Ion: 98 Resp: 685314
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.724 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 43 Resp: 2919
Ion Ratio Lower Upper
43 100
58 189.6 31.4 47.2#

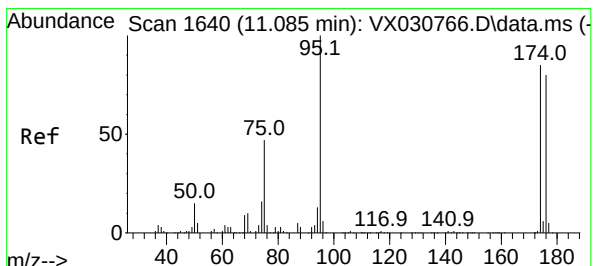
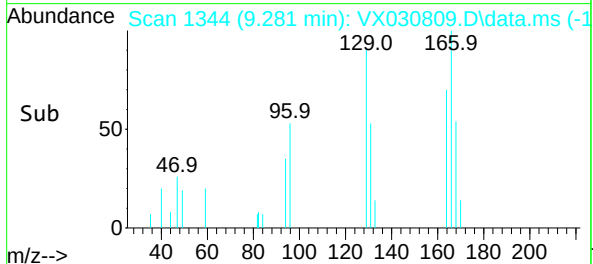
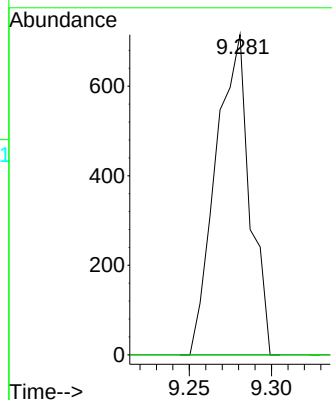
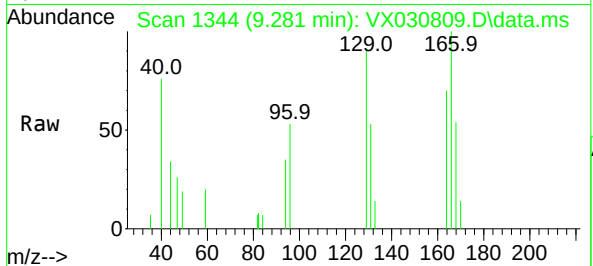




#60
Dibromochloromethane
Concen: 0.354 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

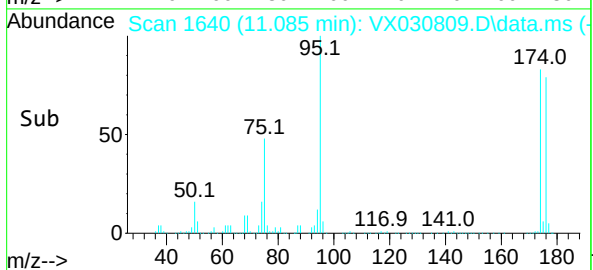
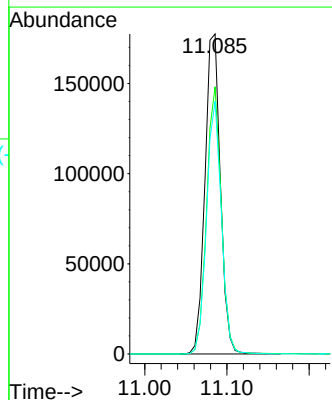
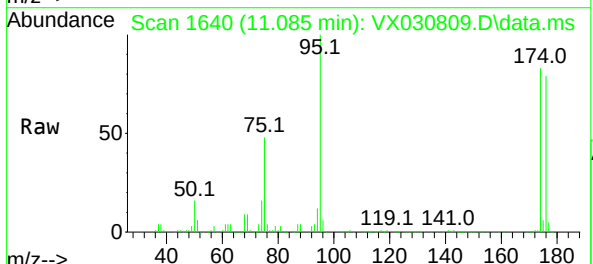
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158S1-GW-20220819

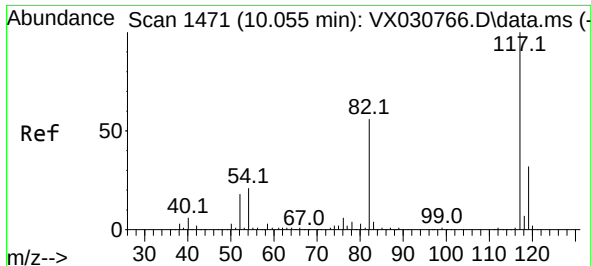
Tgt Ion:129 Resp: 1026
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 72.531 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion: 95 Resp: 231436
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 75.9 0.0 146.0

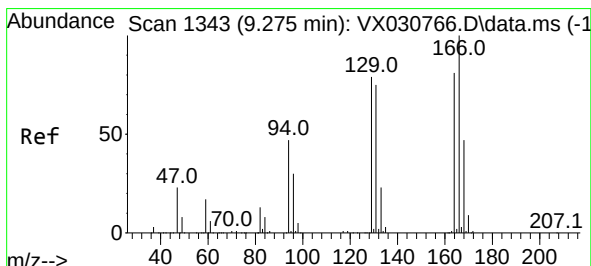
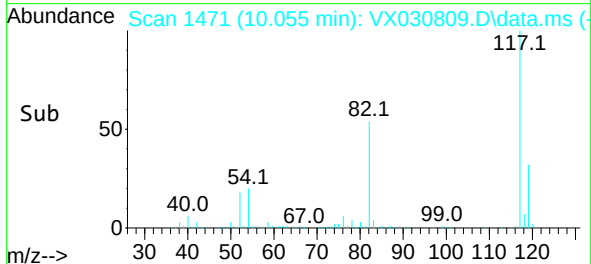
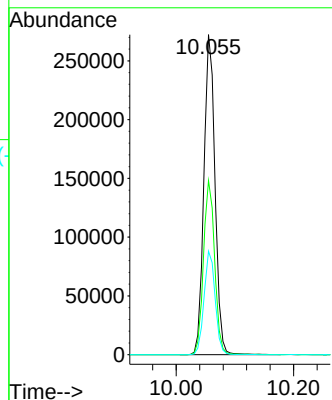
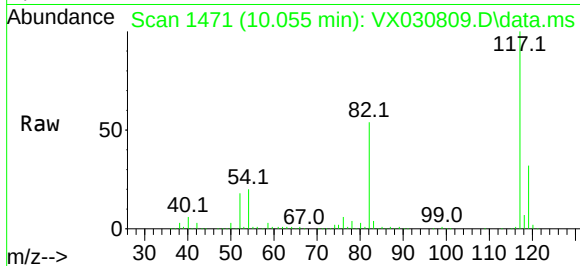




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

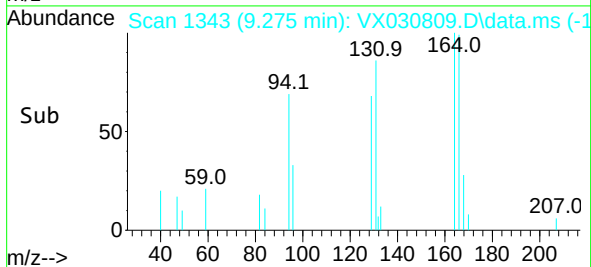
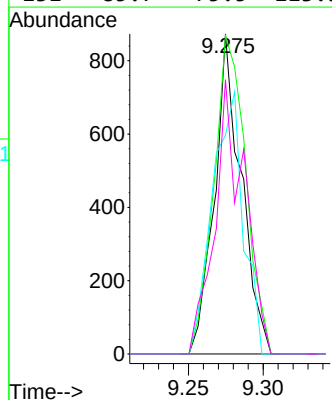
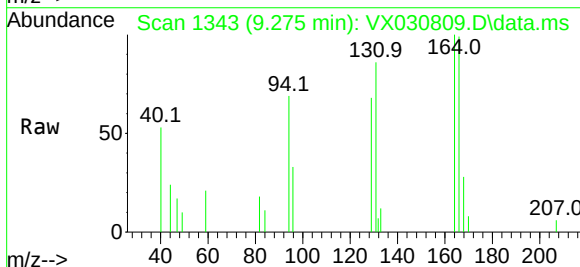
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158S1-GW-20220819

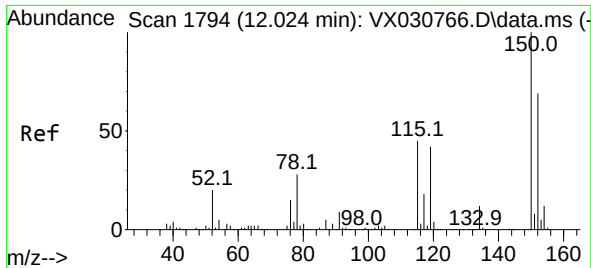
Tgt Ion:117 Resp: 358350
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 0.385 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030809.D
Acq: 26 Aug 2022 06:55

Tgt Ion:164 Resp: 1087
Ion Ratio Lower Upper
164 100
166 99.4 98.2 147.4
129 68.4 80.8 121.2#
131 85.7 75.5 113.3

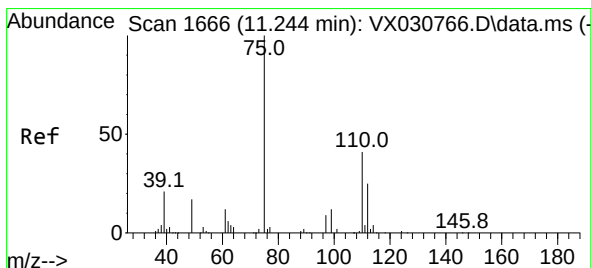
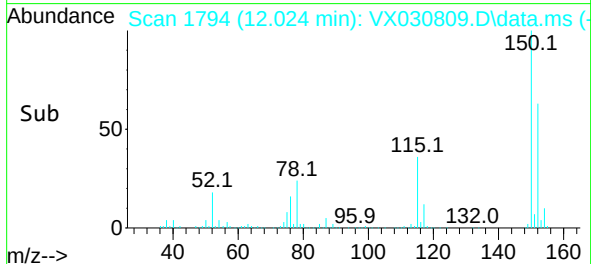
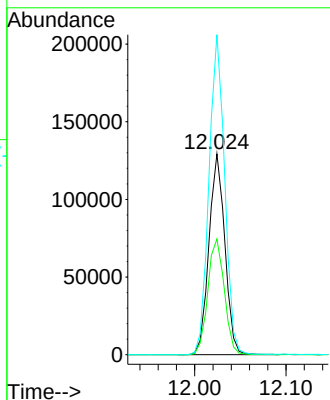
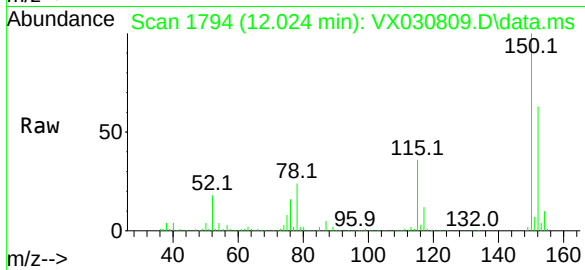




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030809.D
 Acq: 26 Aug 2022 06:55

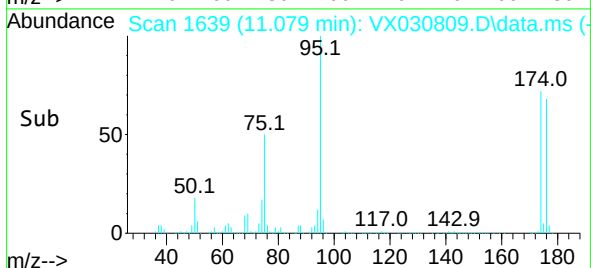
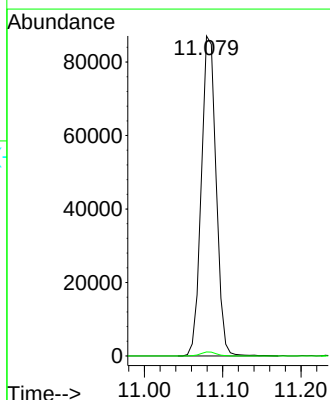
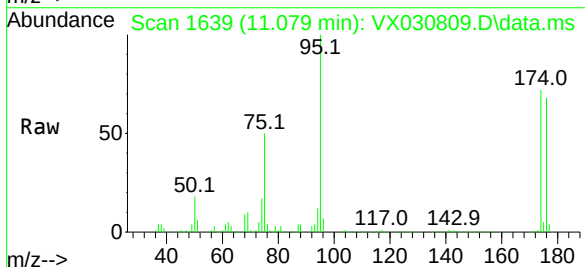
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

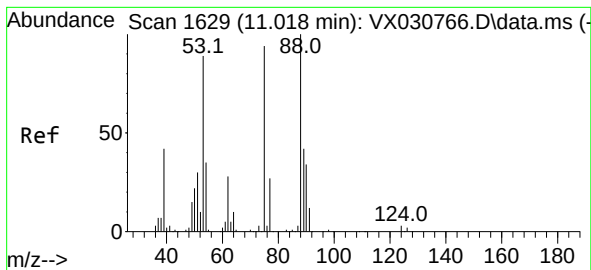
Tgt Ion:152 Resp: 156248
 Ion Ratio Lower Upper
 152 100
 115 59.5 40.5 121.5
 150 156.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 33.432 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030809.D
 Acq: 26 Aug 2022 06:55

Tgt Ion: 75 Resp: 114445
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.867 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX030809.D
 Acq: 26 Aug 2022 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158S1-GW-20220819

Tgt Ion: 75 Resp: 114445
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

