

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030808.D
 Acq On : 26 Aug 2022 06:31
 Operator : JC/MD
 Sample : N4278-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW15811-GW-20220818

Quant Time: Aug 26 07:49:37 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)

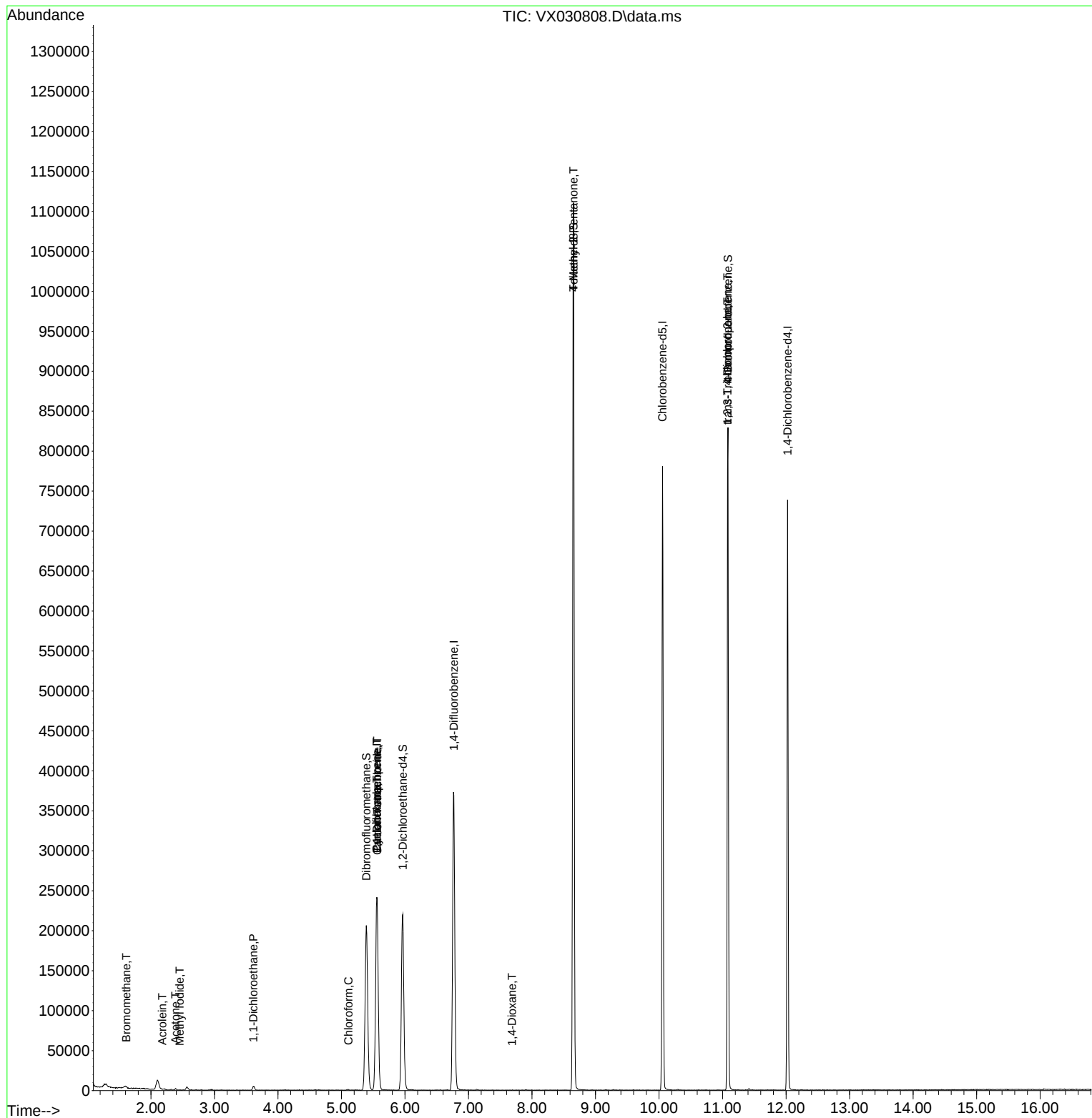
Internal Standards						
1) Pentafluorobenzene	5.556	168	236243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	212955	76.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	153.260%#
35) Dibromofluoromethane	5.391	113	182920	75.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	150.480%#
50) Toluene-d8	8.653	98	681147	80.397	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	160.800%#
62) 4-Bromofluorobenzene	11.085	95	227773	72.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	144.420%#
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	659	Below Cal		98
5) Bromomethane	1.611	94	271	0.246 ug/l	#	63
6) Chloroethane	1.691	64	1181	Below Cal	#	63
10) Methyl Iodide	2.453	142	40	4.049 ug/l	#	45
13) Acrolein	2.178	56	22	10.092 ug/l	#	31
16) Acetone	2.386	43	1732	1.349 ug/l		95
17) Carbon Disulfide	2.508	76	172	Below Cal	#	74
20) Methylene Chloride	2.788	84	191	Below Cal	#	43
24) 1,1-Dichloroethane	3.611	63	5915	1.311 ug/l		96
30) Chloroform	5.111	83	1020	0.215 ug/l	#	72
31) Cyclohexane	5.556	56	4316	1.215 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	18088	5.463 ug/l	#	48
38) Carbon Tetrachloride	5.562	117	24697	7.072 ug/l	#	17
49) 1,4-Dioxane	7.683	88	151	2.077 ug/l	#	88
51) 4-Methyl-2-Pentanone	8.653	43	2629	0.660 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	111415	33.089 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	111415	106.759 ug/l	#	13

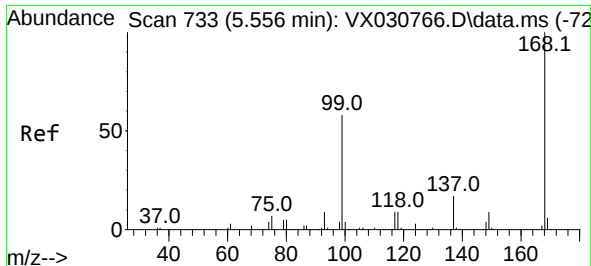
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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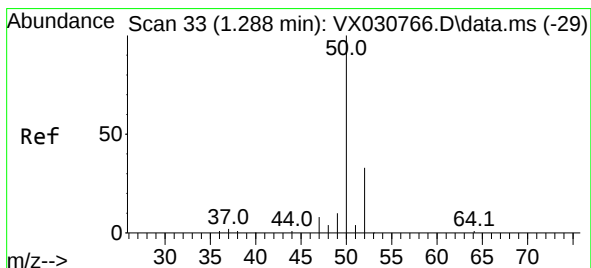
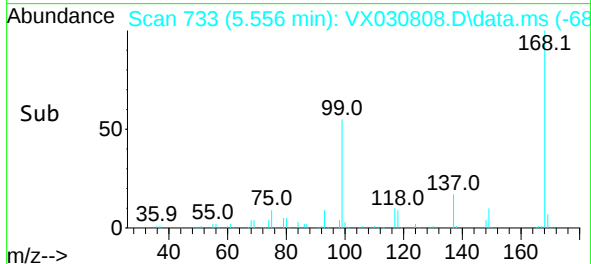
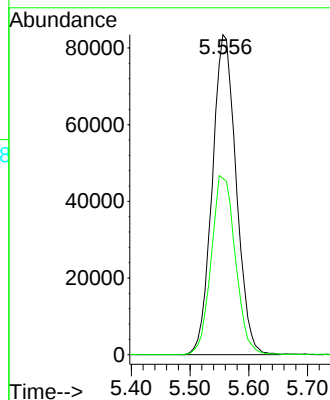
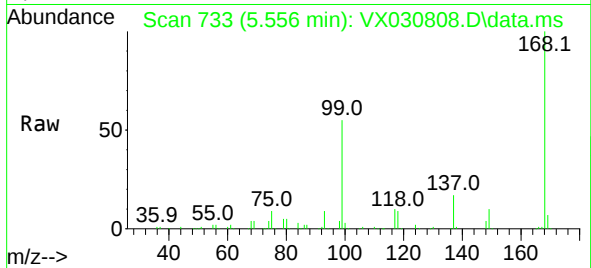




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

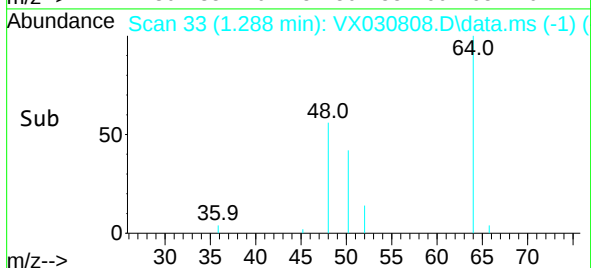
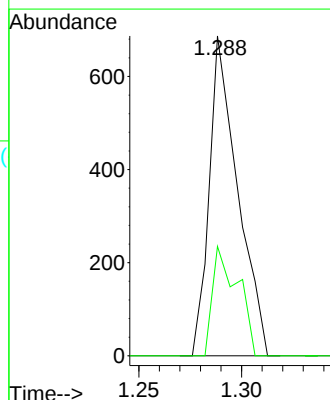
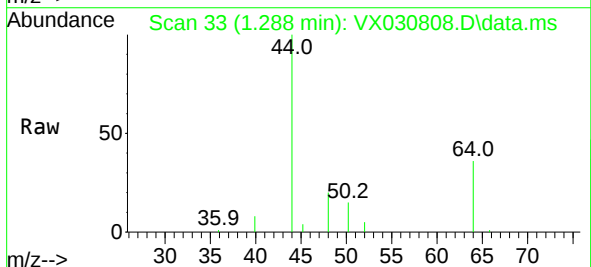
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158I1-GW-20220818

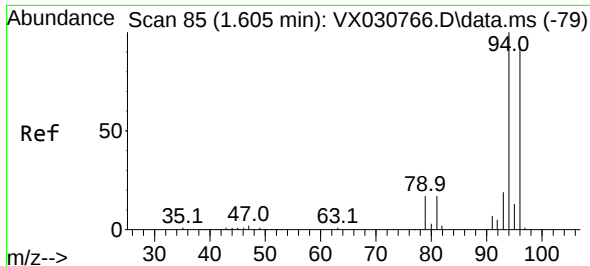
Tgt Ion:168 Resp: 236243
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5

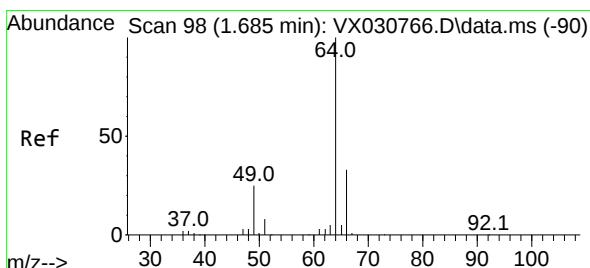
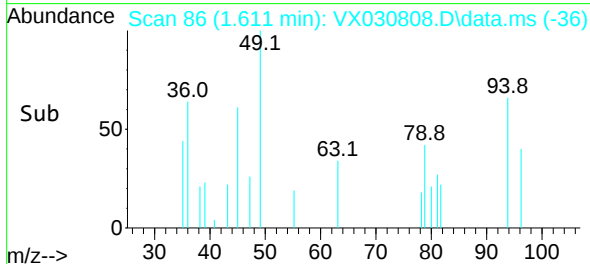
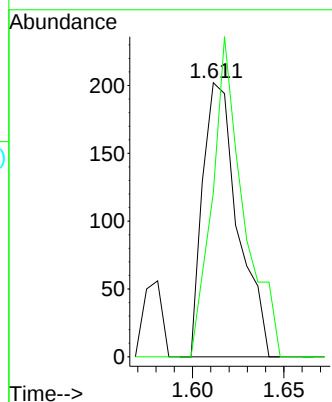
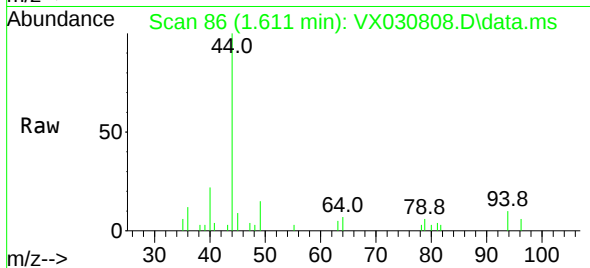




#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

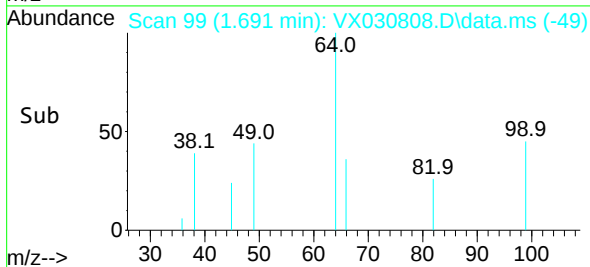
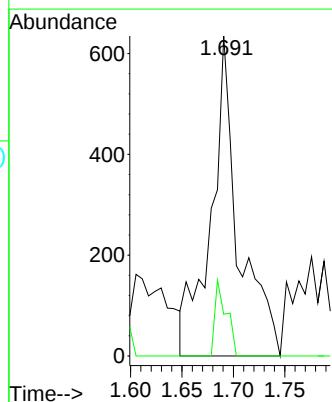
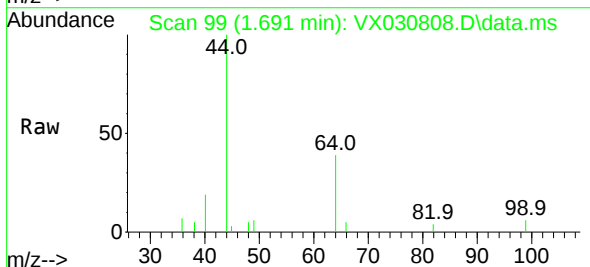
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW15811-GW-20220818

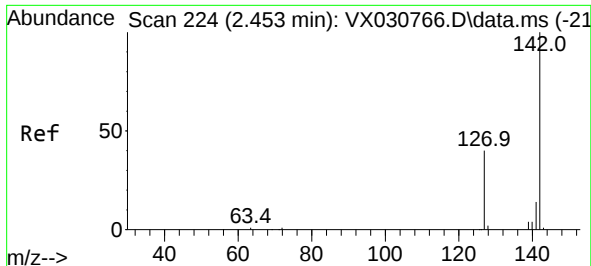
Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 59.9 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

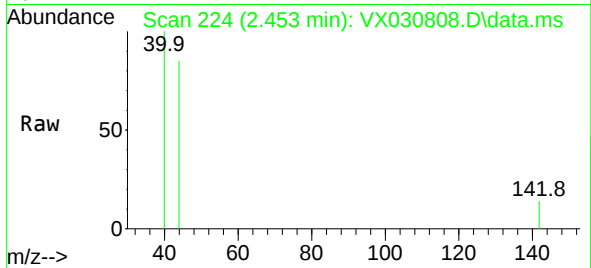
Tgt Ion: 64 Resp: 1181
Ion Ratio Lower Upper
64 100
66 13.1 27.2 40.8#



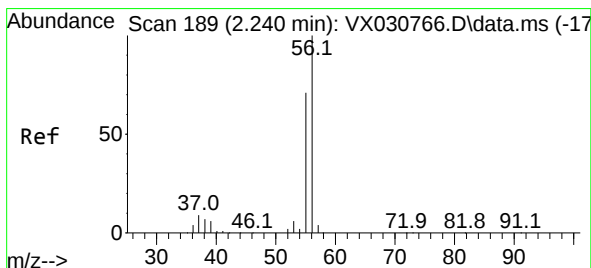
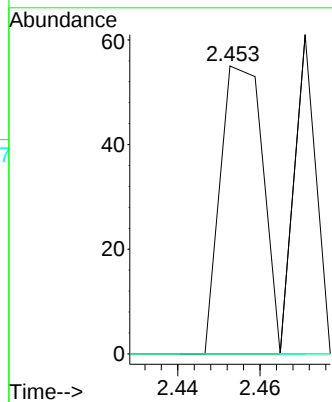
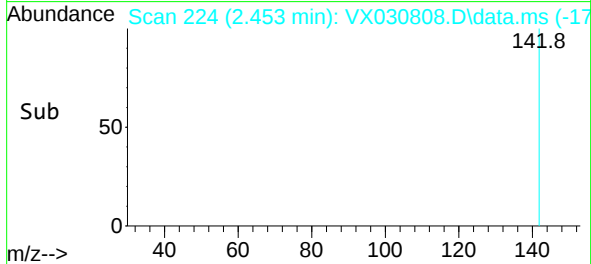


#10
Methyl Iodide
Concen: 4.049 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

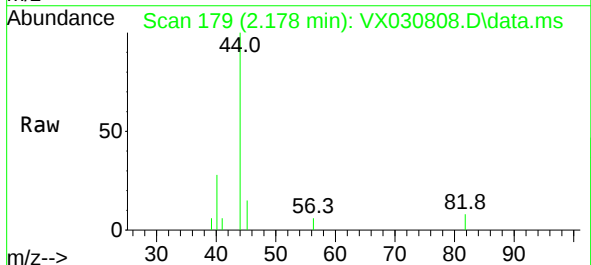
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW158I1-GW-20220818



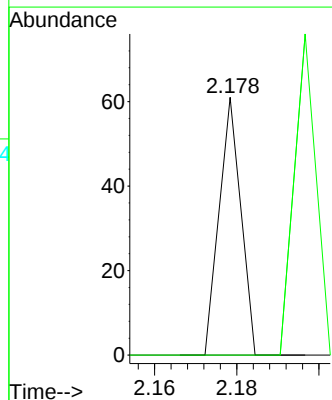
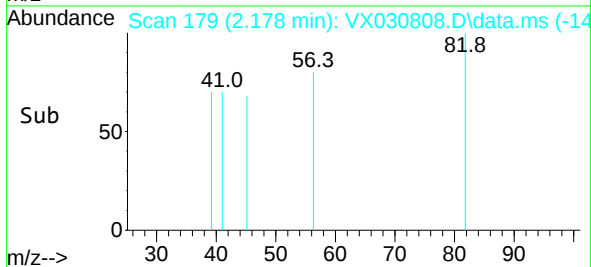
Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

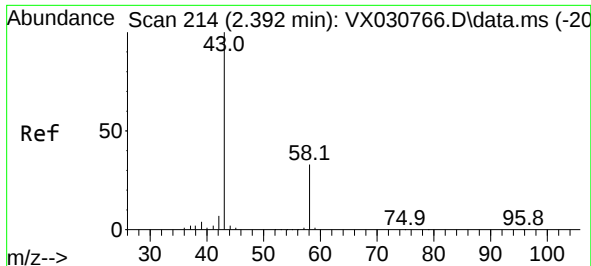


#13
Acrolein
Concen: 10.092 ug/l
RT: 2.178 min Scan# 179
Delta R.T. -0.062 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31



Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 127.3 56.6 84.8#

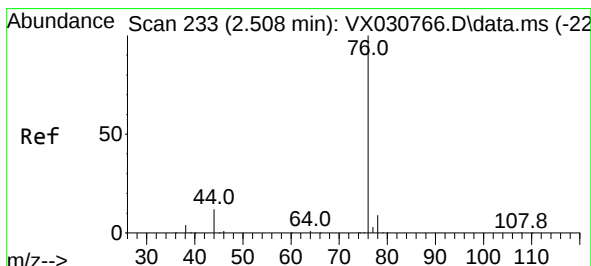
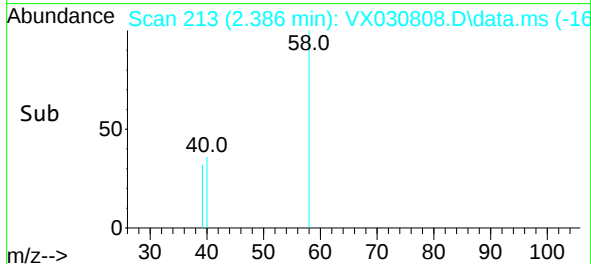
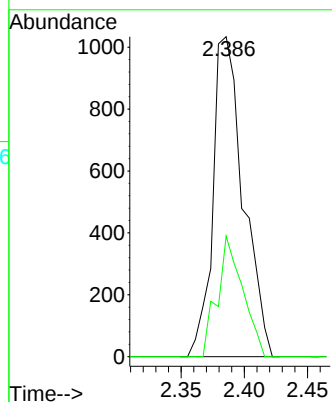
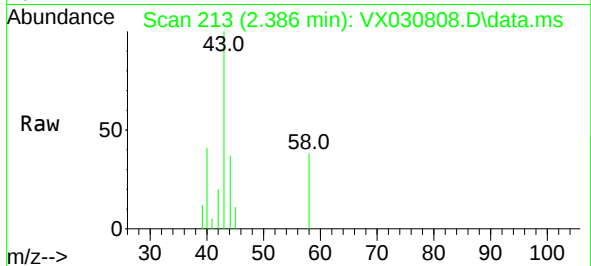




#16
Acetone
Concen: 1.349 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

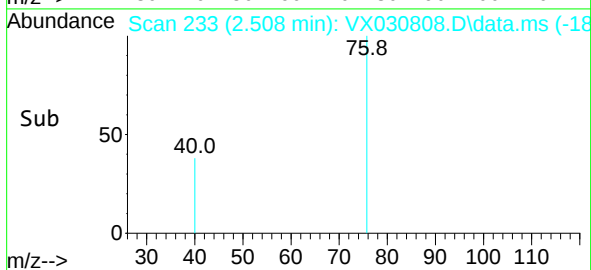
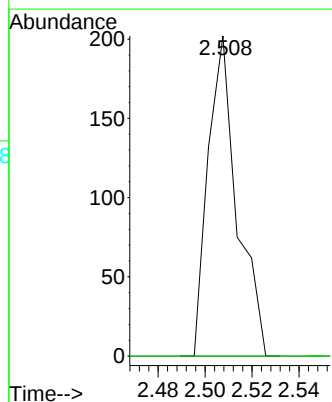
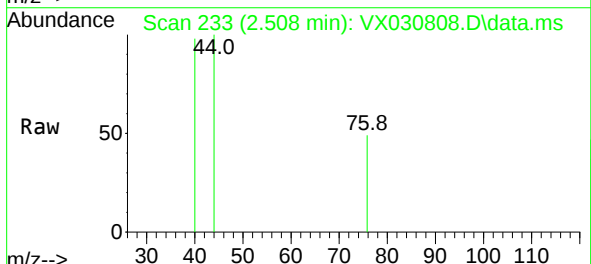
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW15811-GW-20220818

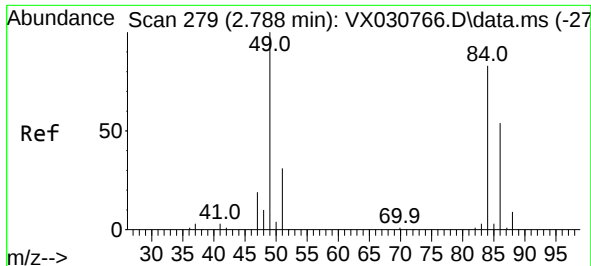
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 37.7 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion: 76 Resp: 172
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

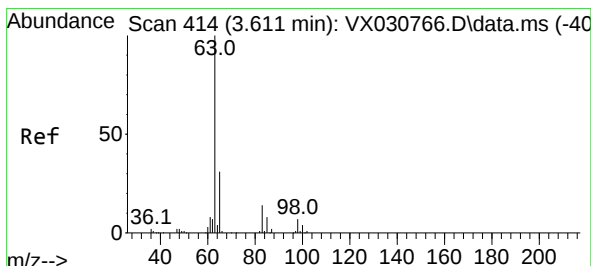
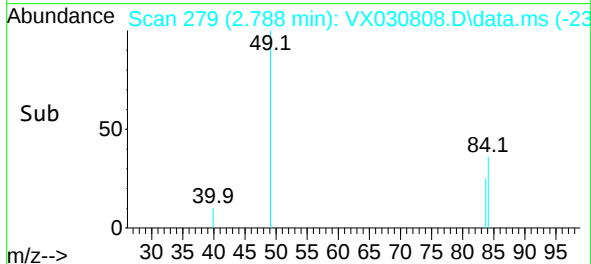
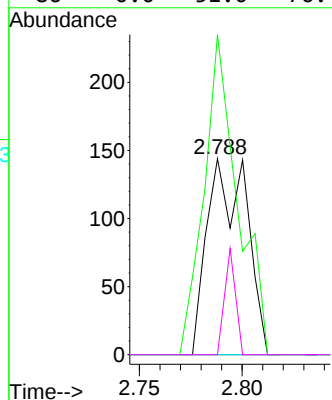
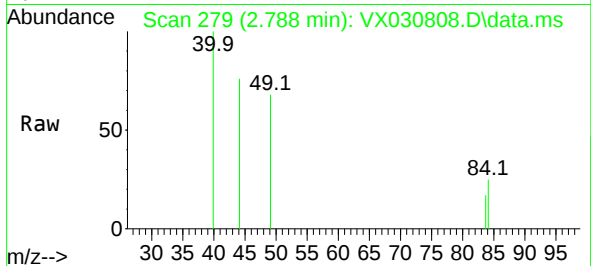




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

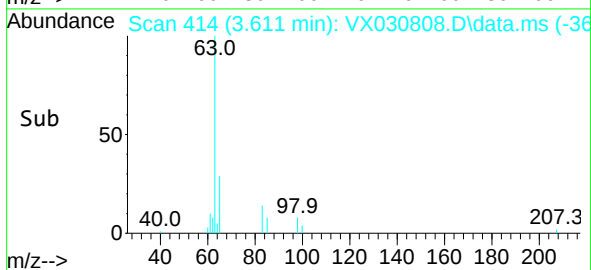
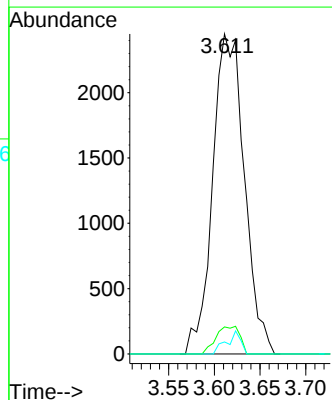
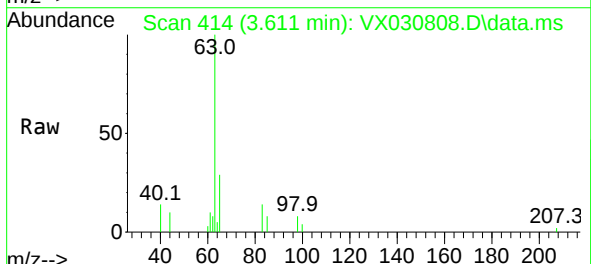
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158I1-GW-20220818

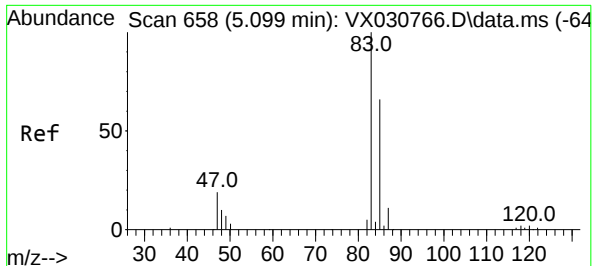
Tgt Ion:	84	Resp:	191
Ion	Ratio	Lower	Upper
84	100		
49	163.2	93.8	140.6#
51	0.0	29.4	44.0#
86	0.0	51.0	76.4#



#24
1,1-Dichloroethane
Concen: 1.311 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion:	63	Resp:	5915
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.5	10.5
100	3.7	2.3	6.9





#30

Chloroform

Concen: 0.215 ug/l

RT: 5.111 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX030808.D

Acq: 26 Aug 2022 06:31

Instrument :

MSVOA_X

ClientSampleId :

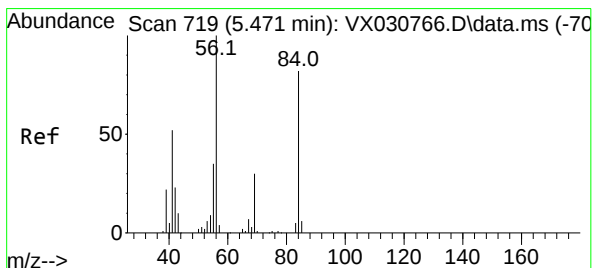
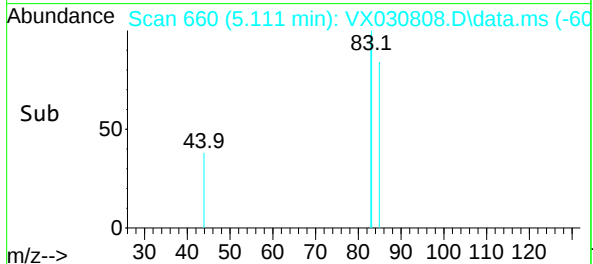
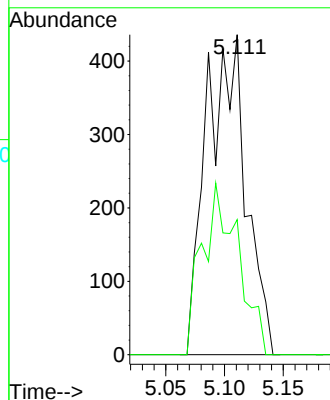
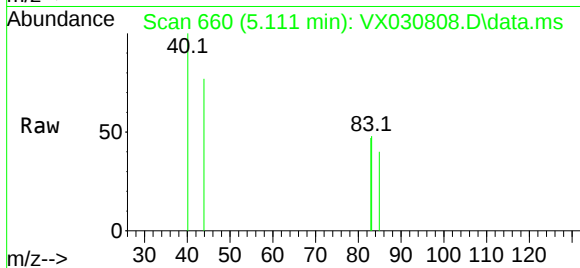
BP-TT-MW15811-GW-20220818

Tgt Ion: 83 Resp: 1020

Ion Ratio Lower Upper

83 100

85 42.2 51.5 77.3#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX030808.D

Acq: 26 Aug 2022 06:31

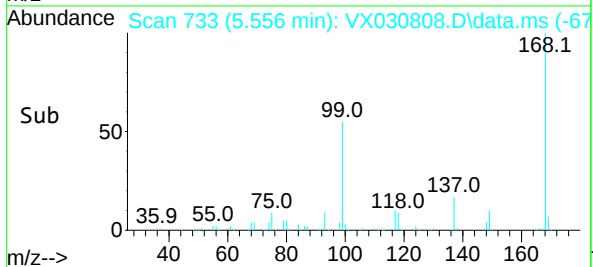
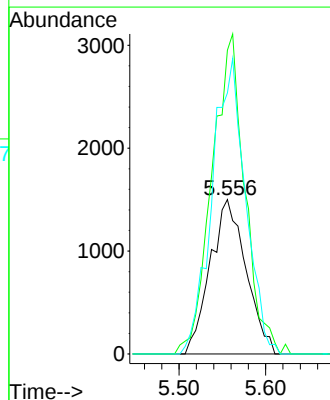
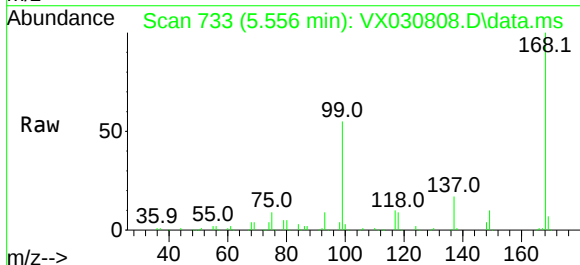
Tgt Ion: 56 Resp: 4316

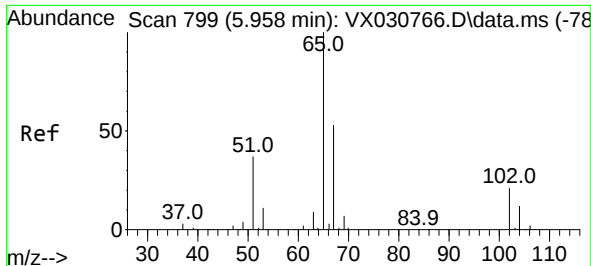
Ion Ratio Lower Upper

56 100

69 196.6 25.4 38.0#

84 169.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 76.634 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030808.D

Acq: 26 Aug 2022 06:31

Instrument :

MSVOA_X

ClientSampleId :

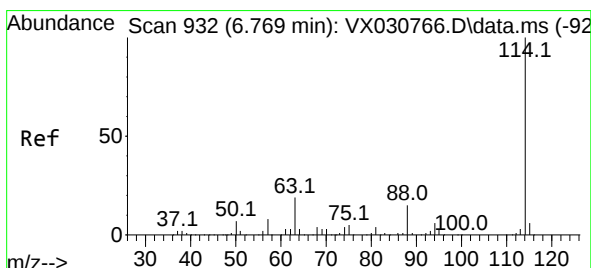
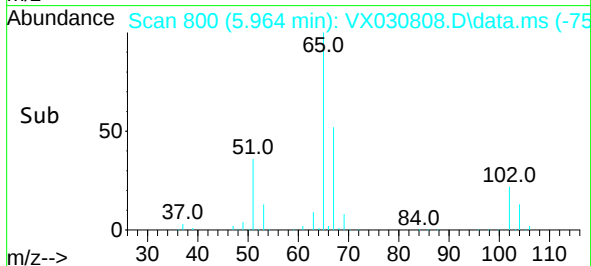
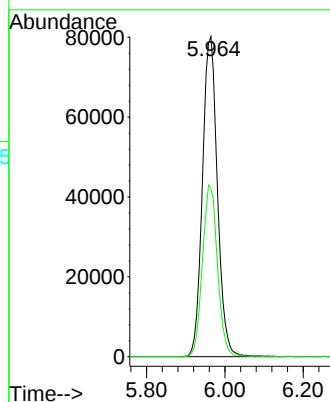
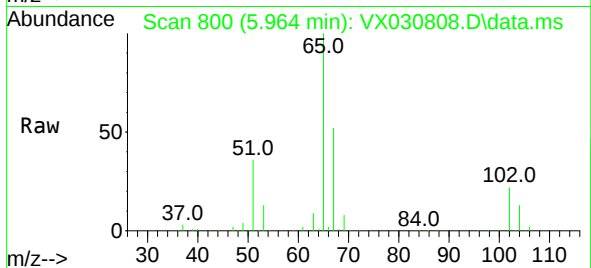
BP-TT-MW15811-GW-20220818

Tgt Ion: 65 Resp: 212955

Ion Ratio Lower Upper

65 100

67 53.8 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: VX030808.D

Acq: 26 Aug 2022 06:31

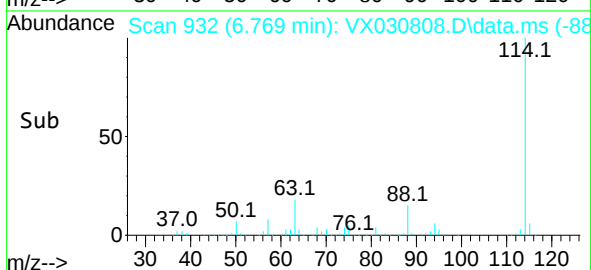
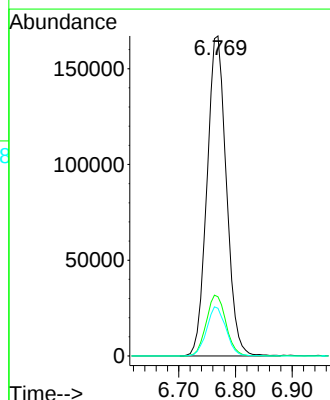
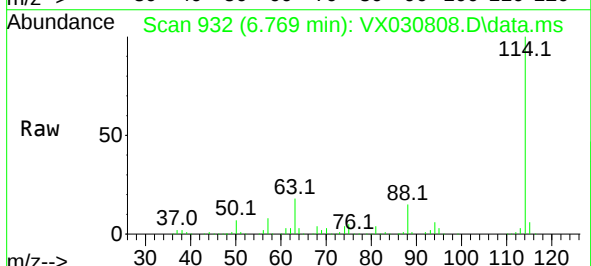
Tgt Ion: 114 Resp: 395602

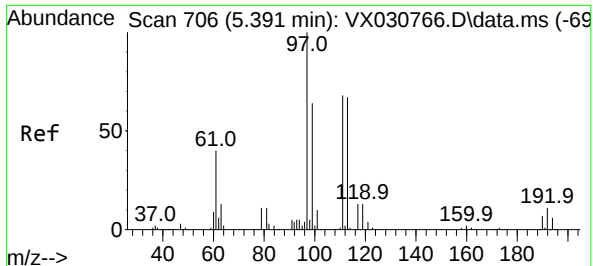
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.9 0.0 31.8

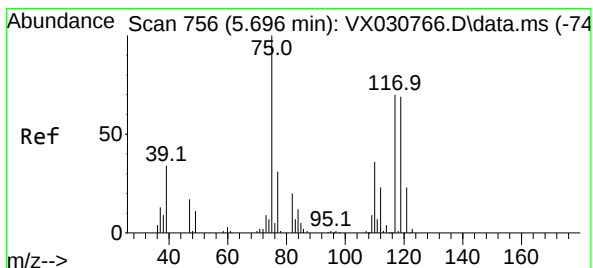
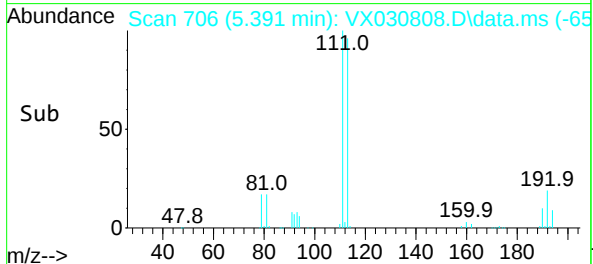
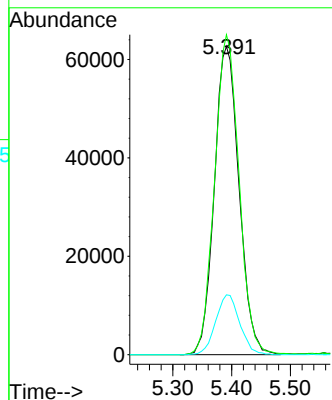
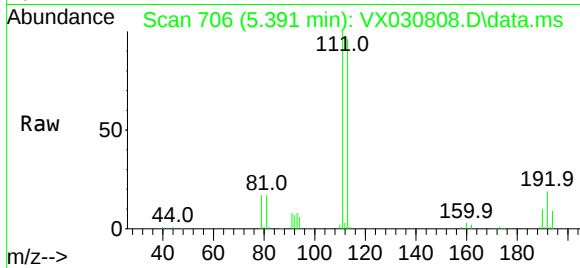




#35
Dibromofluoromethane
Concen: 75.235 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

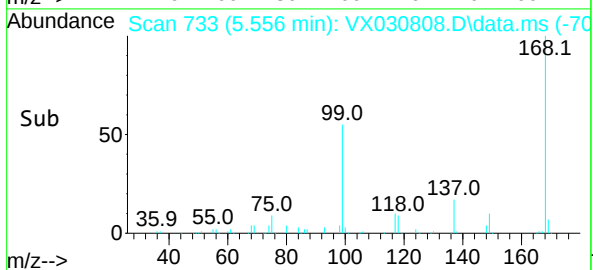
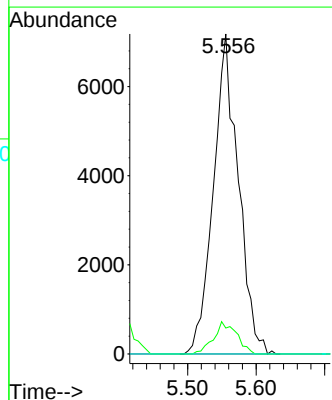
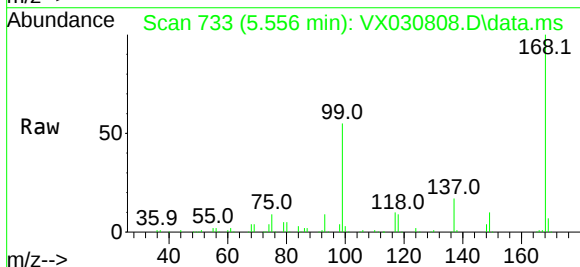
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW158I1-GW-20220818

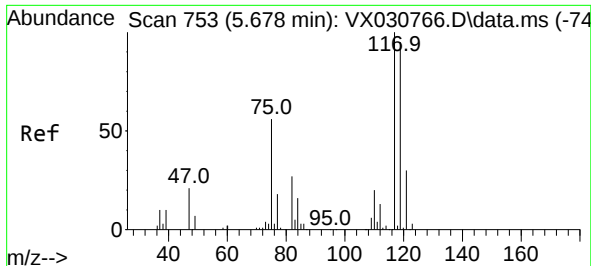
Tgt Ion:113 Resp: 182920
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

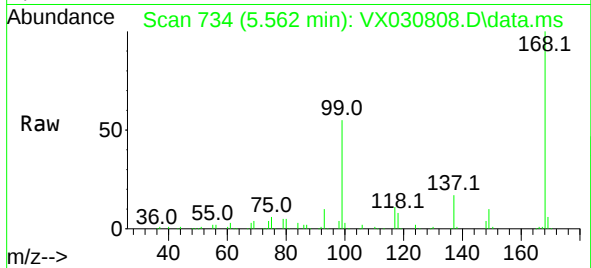
Tgt Ion: 75 Resp: 18088
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.0 24.4 36.6#



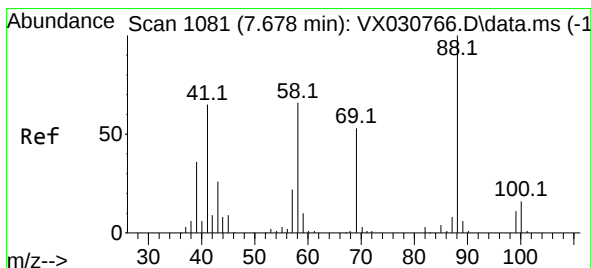
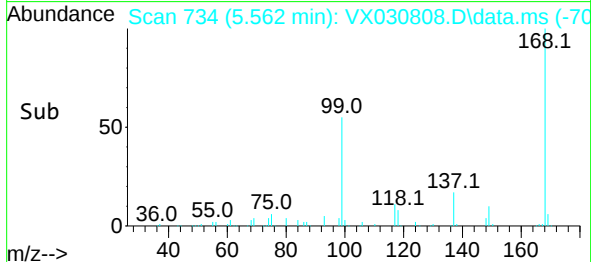
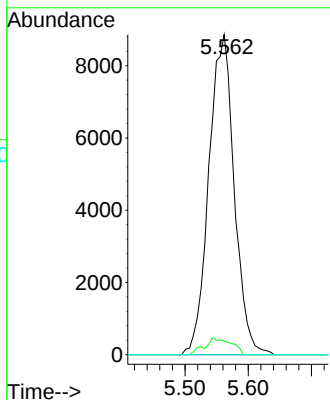


#38
Carbon Tetrachloride
Concen: 7.072 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW15811-GW-20220818

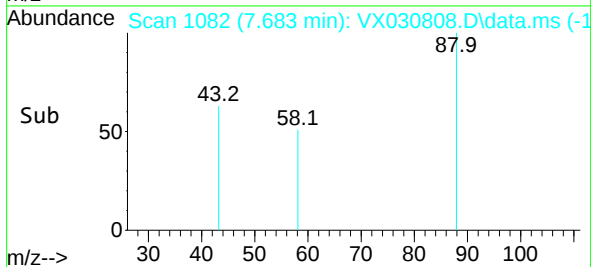
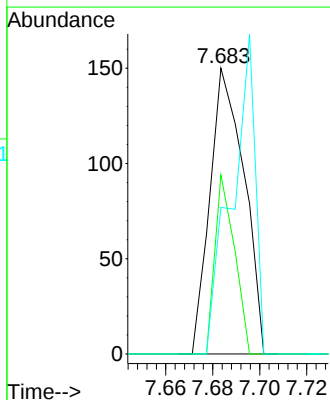
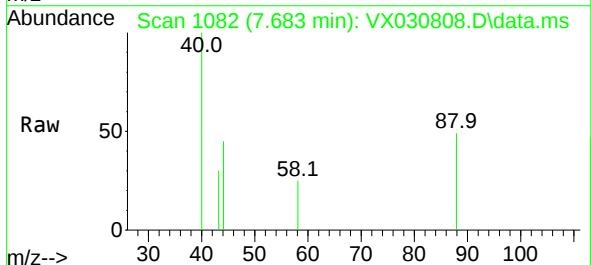


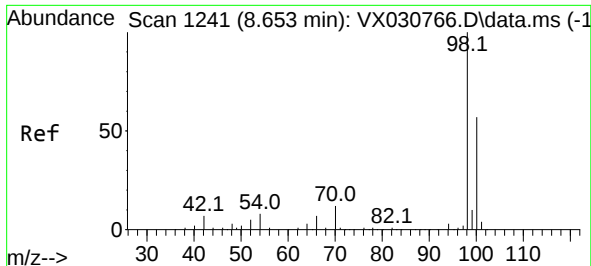
Tgt Ion:117 Resp: 24697
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 2.077 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.005 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion: 88 Resp: 151
Ion Ratio Lower Upper
88 100
43 35.8 23.8 35.8#
58 77.5 53.8 80.6

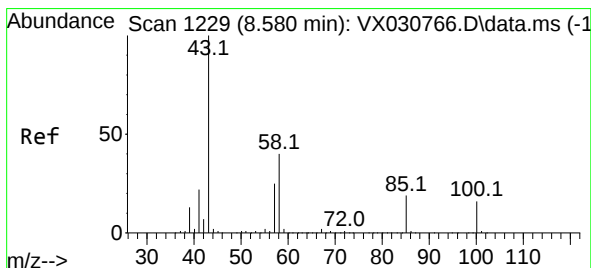
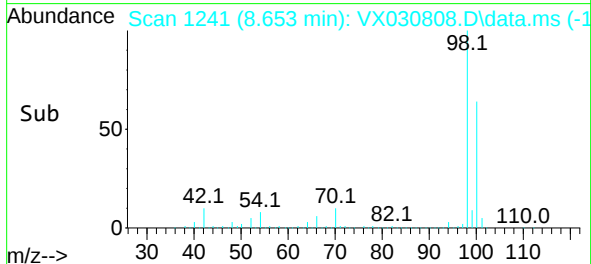
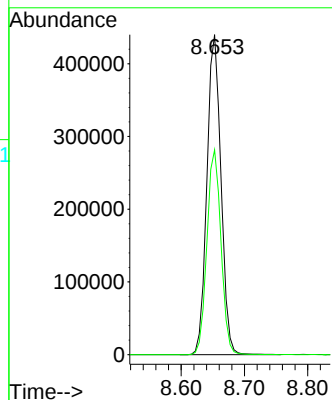
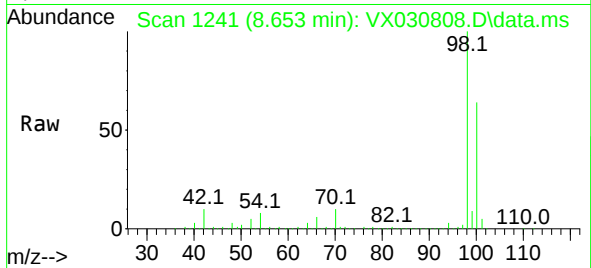




#50
Toluene-d8
Concen: 80.397 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

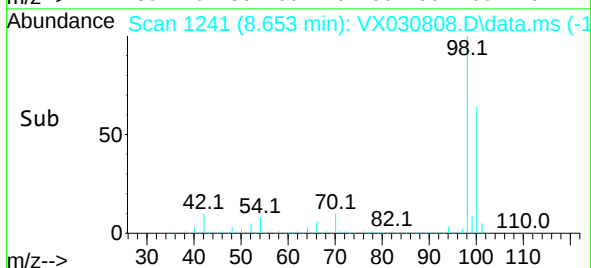
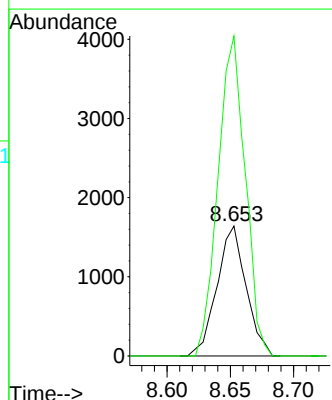
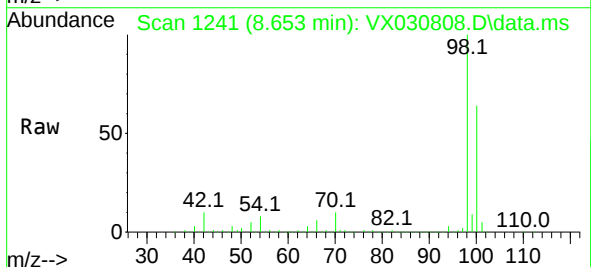
Instrument : MSVOA_X
ClientSampleId : BP-TT-MW15811-GW-20220818

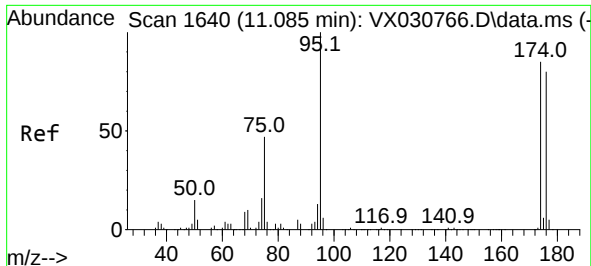
Tgt Ion: 98 Resp: 681147
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
58 230.4 31.4 47.2#

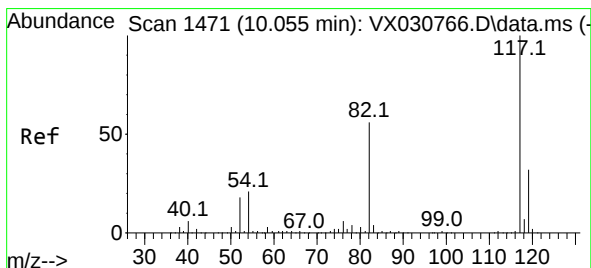
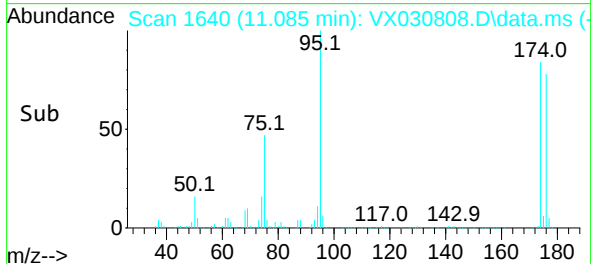
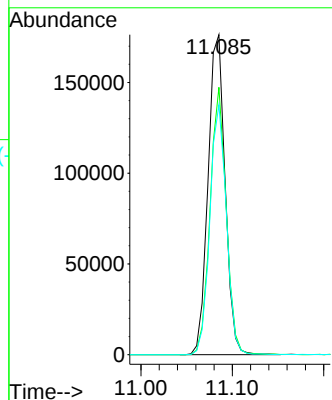
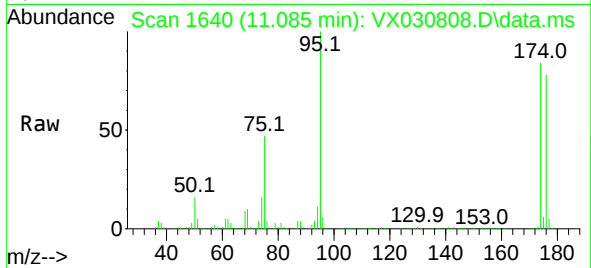




#62
4-Bromofluorobenzene
Concen: 72.212 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

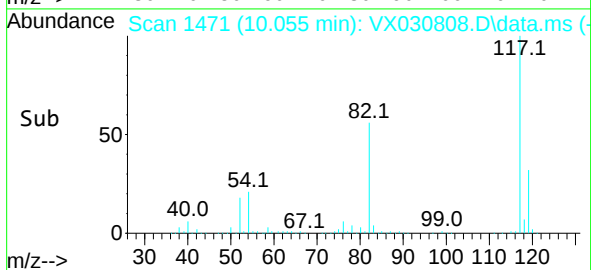
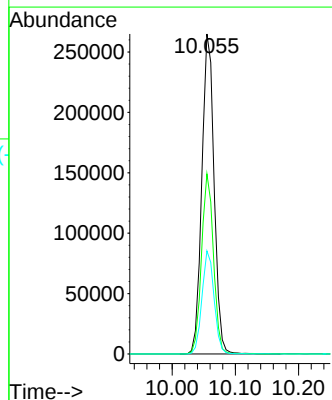
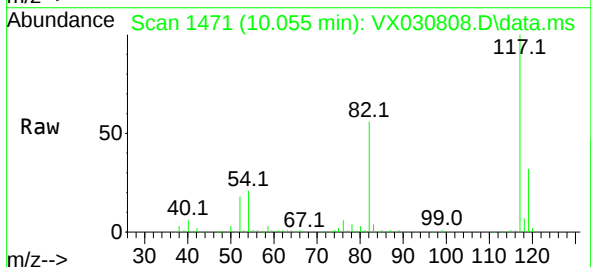
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW15811-GW-20220818

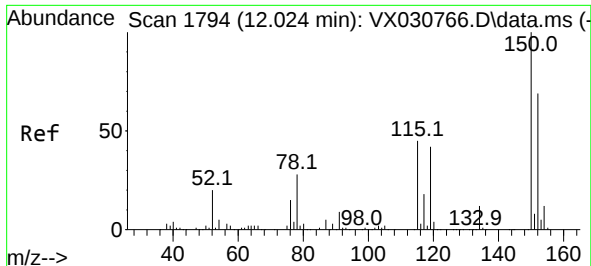
Tgt Ion: 95 Resp: 227773
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 75.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030808.D
Acq: 26 Aug 2022 06:31

Tgt Ion: 117 Resp: 358530
Ion Ratio Lower Upper
117 100
82 56.3 42.7 64.1
119 32.2 25.4 38.2

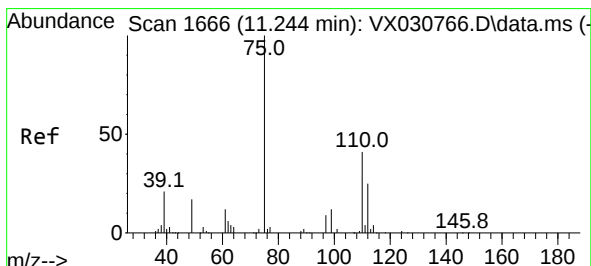
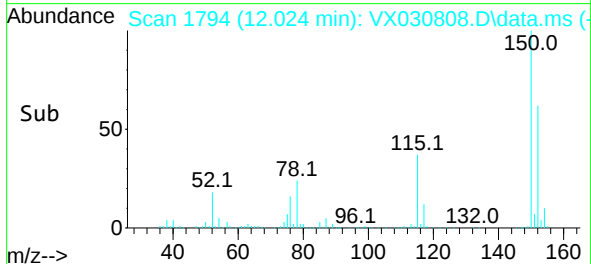
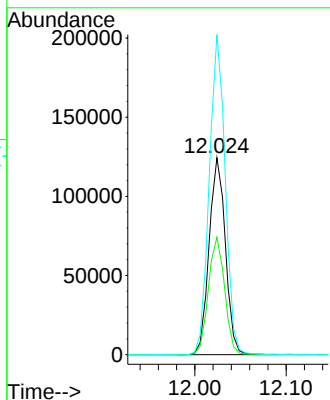
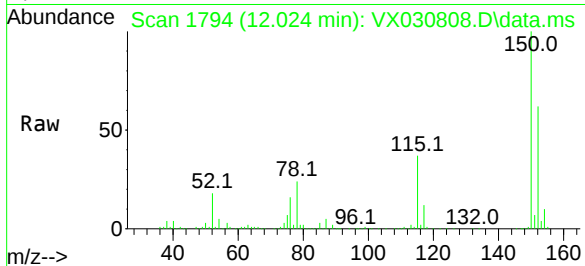




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030808.D
 Acq: 26 Aug 2022 06:31

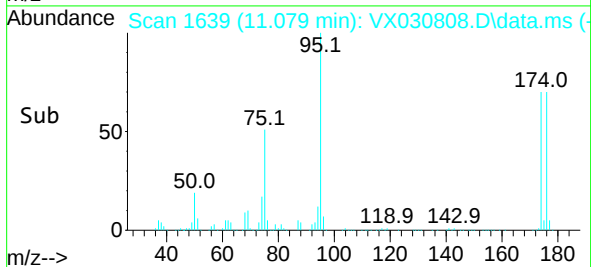
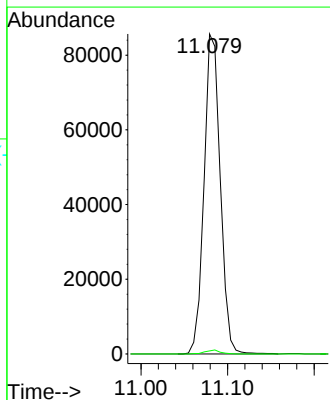
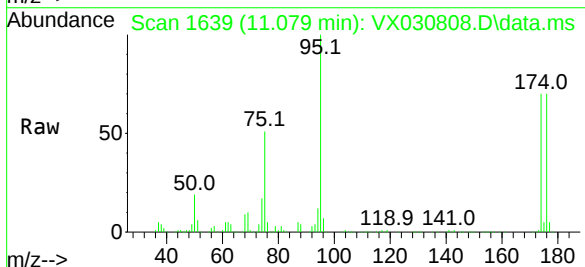
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW15811-GW-20220818

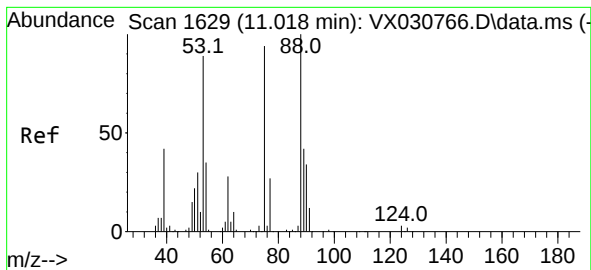
Tgt Ion:152 Resp: 153690
 Ion Ratio Lower Upper
 152 100
 115 59.4 40.5 121.5
 150 159.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 33.089 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030808.D
 Acq: 26 Aug 2022 06:31

Tgt Ion: 75 Resp: 111415
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.759 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX030808.D
 Acq: 26 Aug 2022 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW158I1-GW-20220818

Tgt Ion: 75 Resp: 111415
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

