

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039170.D
 Acq On : 12 Dec 2023 16:57
 Operator : JC/MD
 Sample : 05719-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TT188S1-GW-20231206

Quant Time: Dec 13 04:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

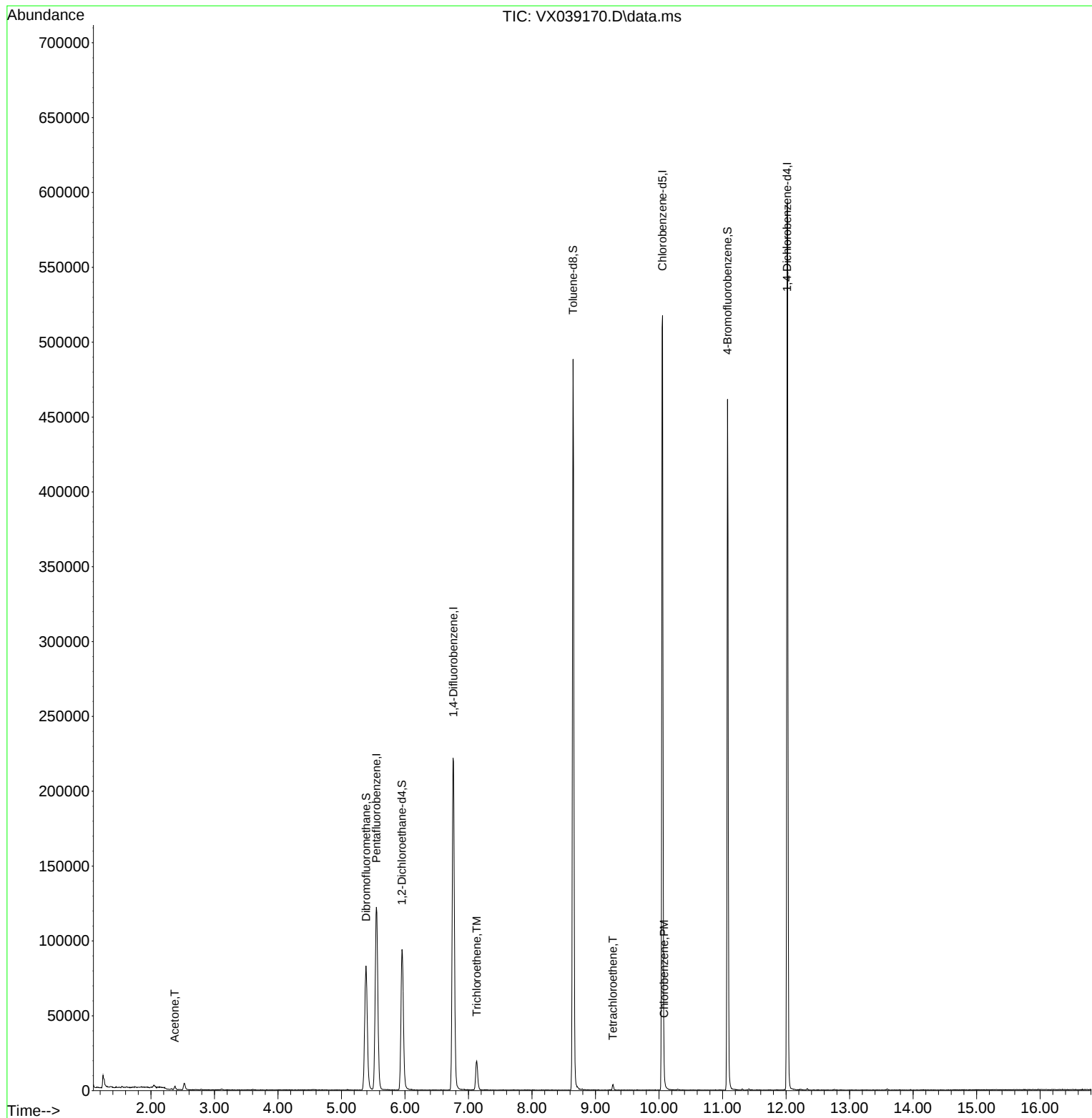
Internal Standards						
1) Pentafluorobenzene	5.550	168	107559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93993	54.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.460%
35) Dibromofluoromethane	5.385	113	72044	45.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	277037	45.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.240%#
62) 4-Bromofluorobenzene	11.079	95	125923	51.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%
Target Compounds						
						Qvalue
16) Acetone	2.373	43	2346	2.543	ug/l	100
44) Trichloroethene	7.129	130	7225	4.411	ug/l	93
64) Tetrachloroethene	9.275	164	536	0.383	ug/l #	80
65) Chlorobenzene	10.079	112	1369	0.282	ug/l	91

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

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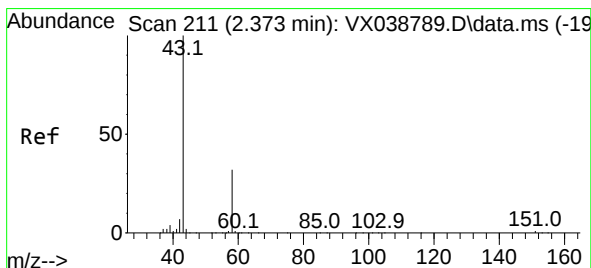
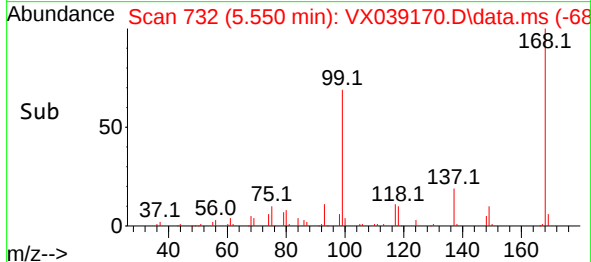
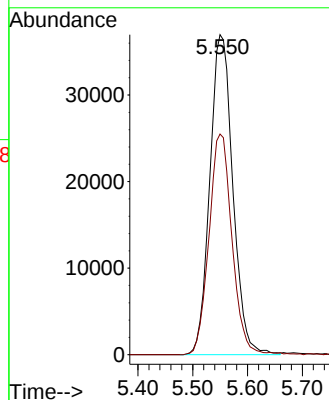
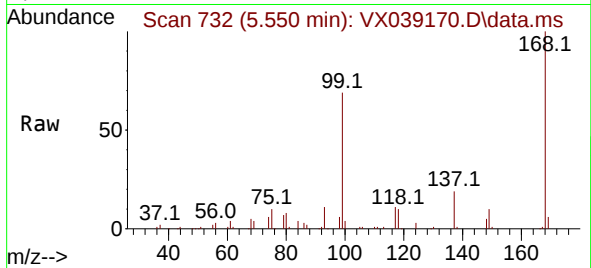




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

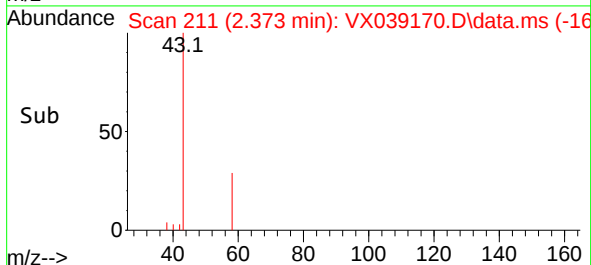
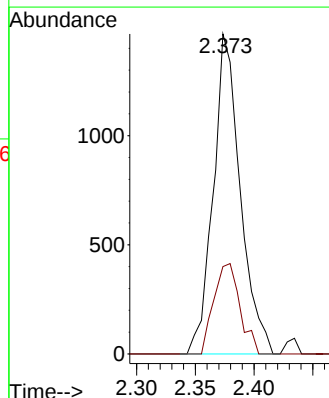
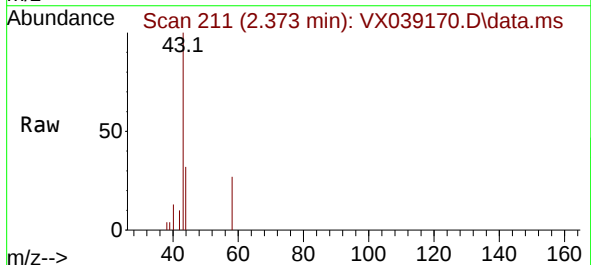
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

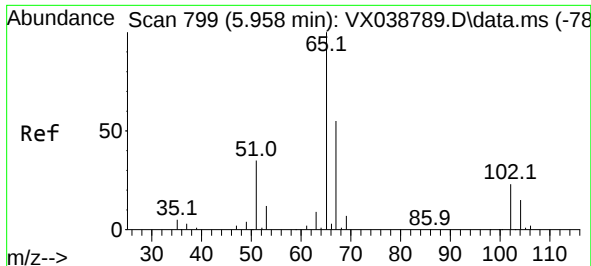
Tgt Ion:168 Resp: 107559
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#16
Acetone
Concen: 2.543 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion: 43 Resp: 2346
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 54.233 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

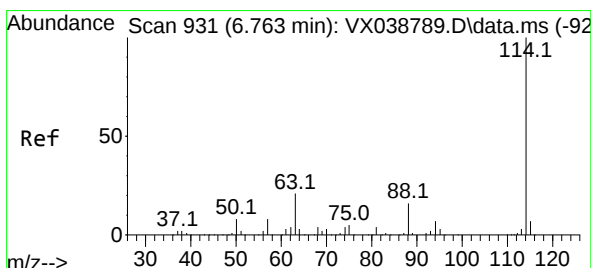
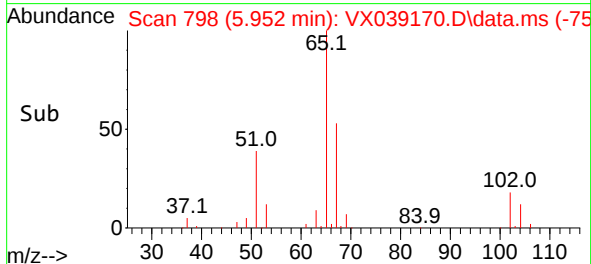
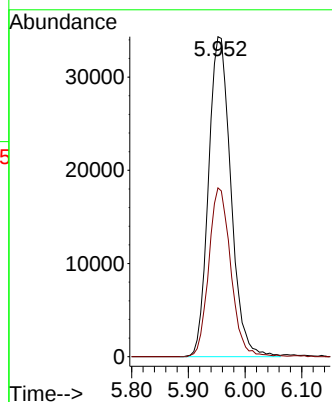
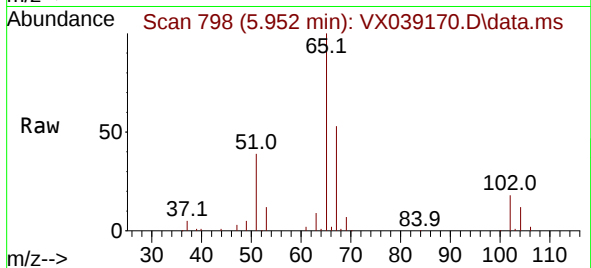
BP-TT-TT188S1-GW-20231206

Tgt Ion: 65 Resp: 93993

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

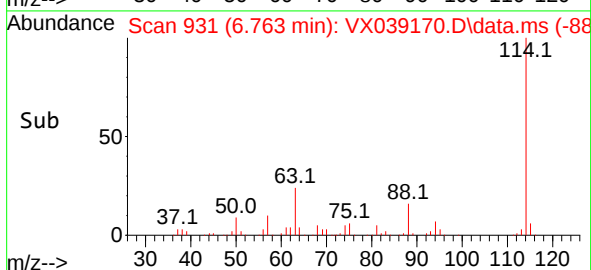
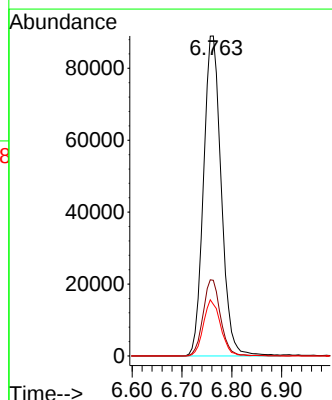
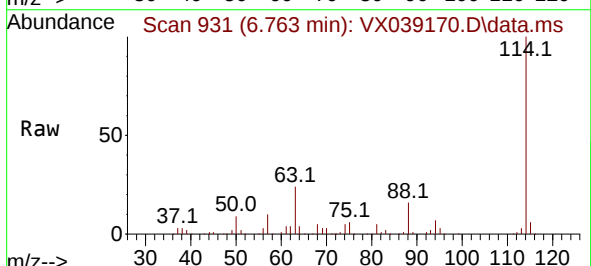
Tgt Ion: 114 Resp: 219789

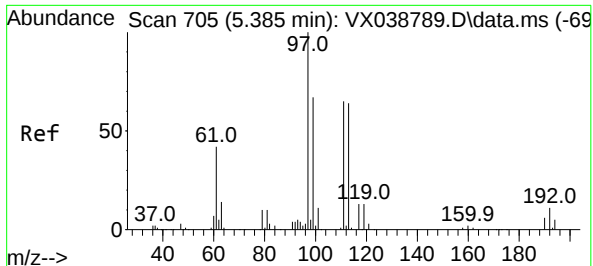
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.1 0.0 36.6

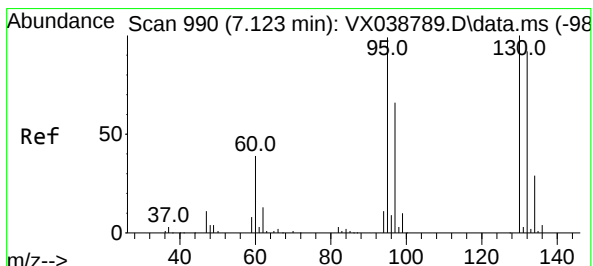
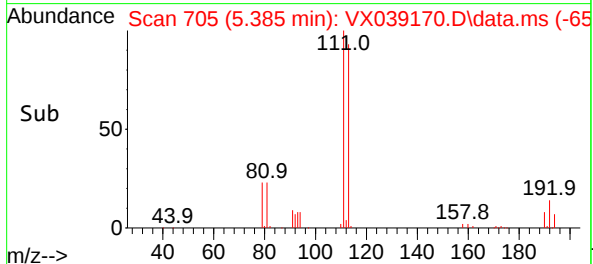
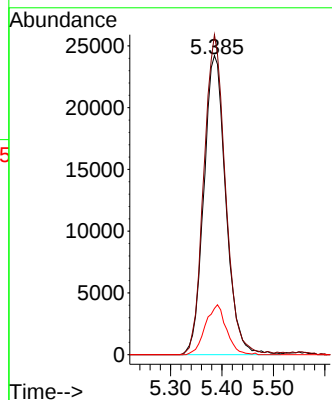
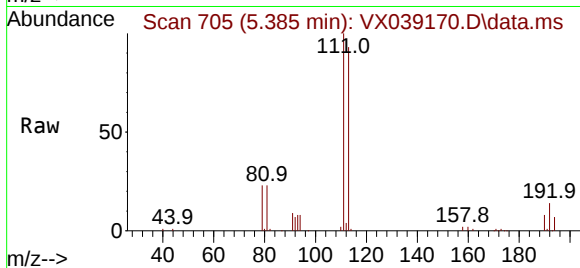




#35
Dibromofluoromethane
Concen: 45.386 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

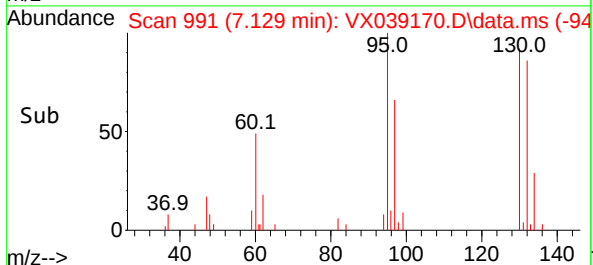
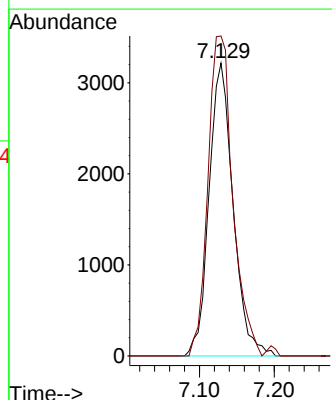
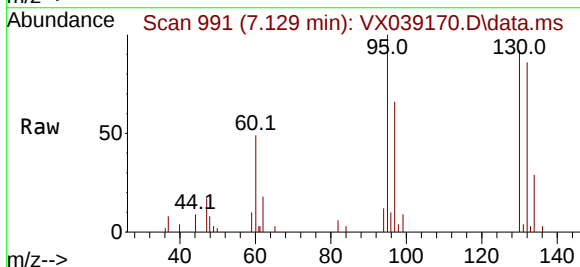
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

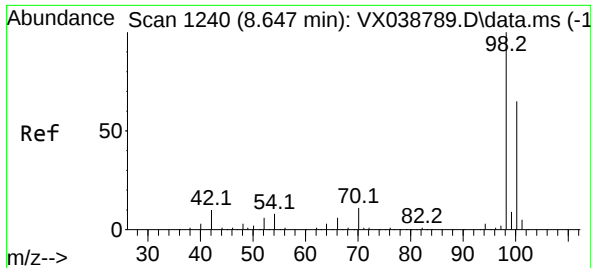
Tgt Ion:113 Resp: 72044
Ion Ratio Lower Upper
113 100
111 105.0 82.9 124.3
192 16.0 13.3 19.9



#44
Trichloroethene
Concen: 4.411 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion:130 Resp: 7225
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4

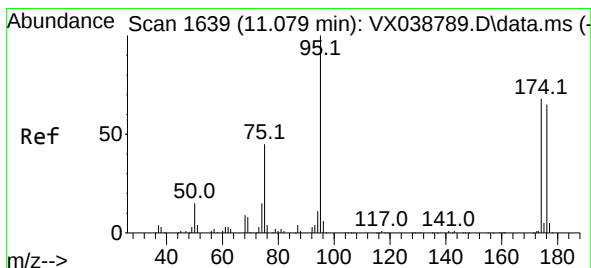
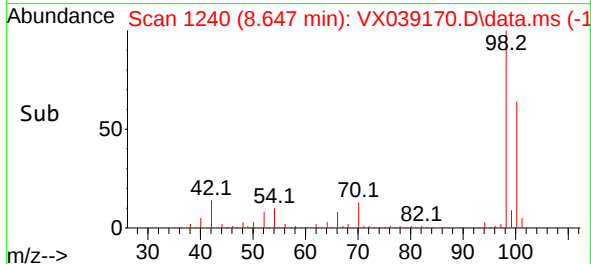
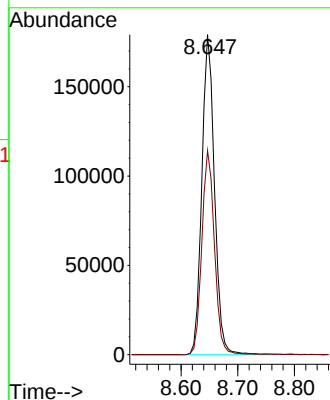
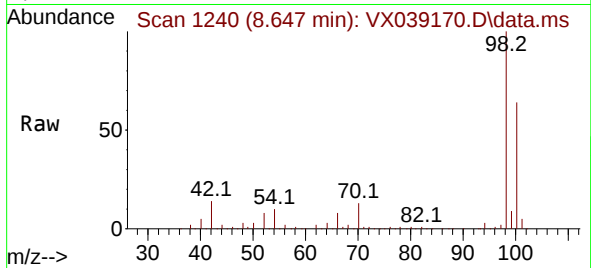




#50
Toluene-d8
Concen: 45.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

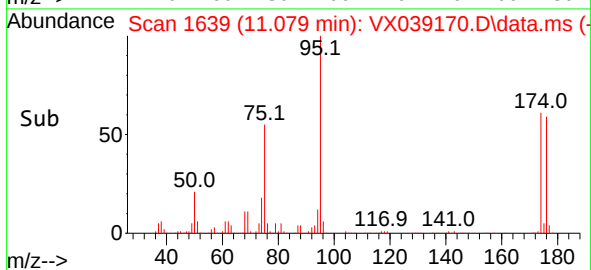
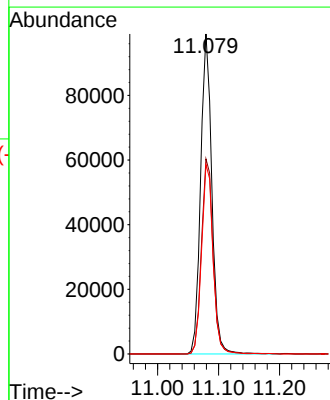
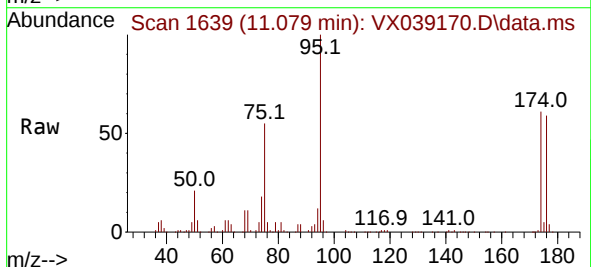
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

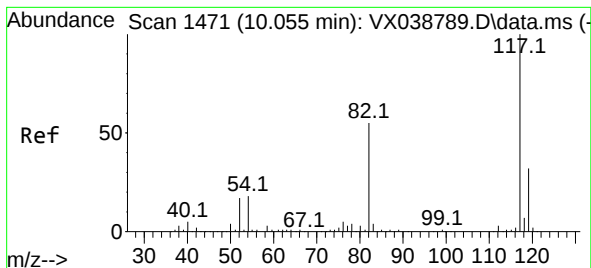
Tgt Ion: 98 Resp: 277037
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion: 95 Resp: 125923
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 60.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TT188S1-GW-20231206

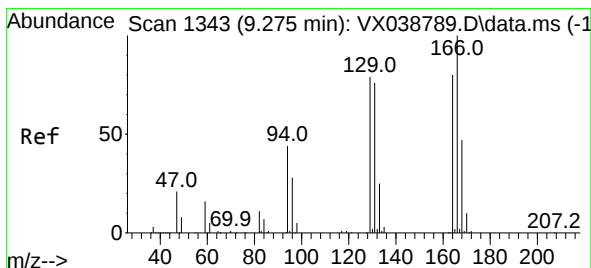
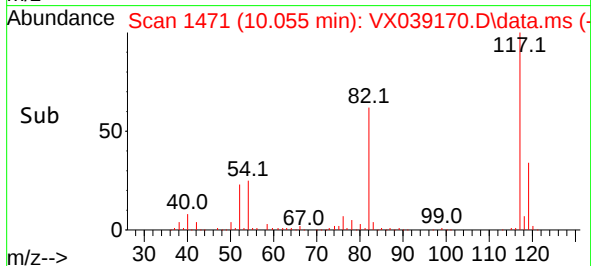
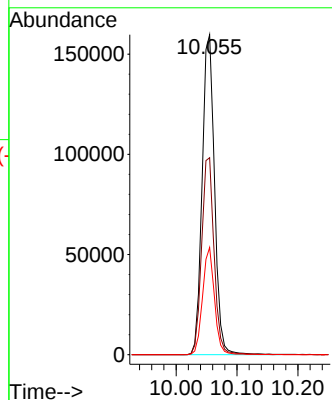
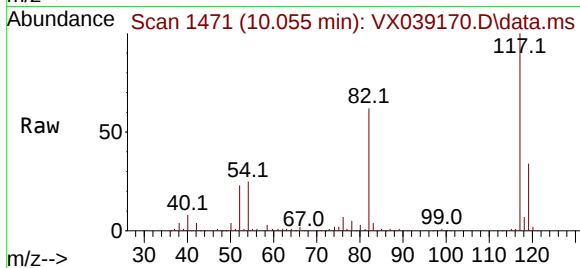
Tgt Ion:117 Resp: 225284

Ion Ratio Lower Upper

117 100

82 61.6 46.2 69.4

119 33.5 25.5 38.3



#64

Tetrachloroethene

Concen: 0.383 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Tgt Ion:164 Resp: 536

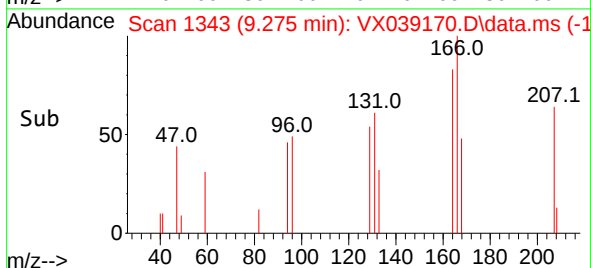
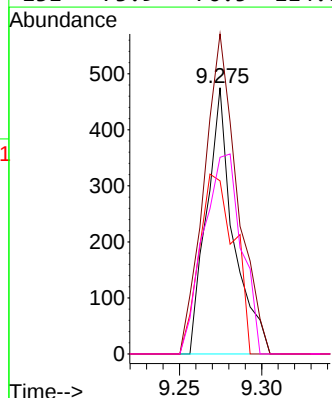
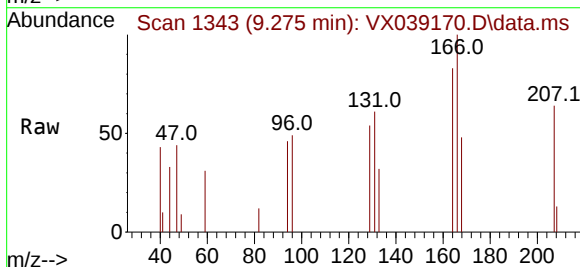
Ion Ratio Lower Upper

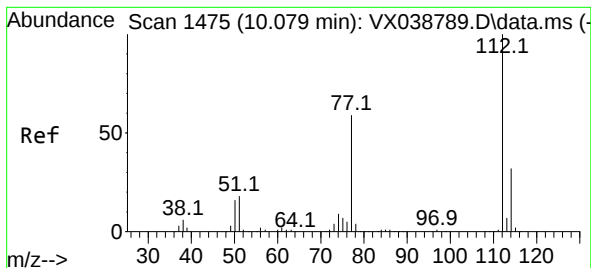
164 100

166 120.2 102.7 154.1

129 65.1 80.4 120.6#

131 73.9 76.5 114.7#





#65

Chlorobenzene

Concen: 0.282 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

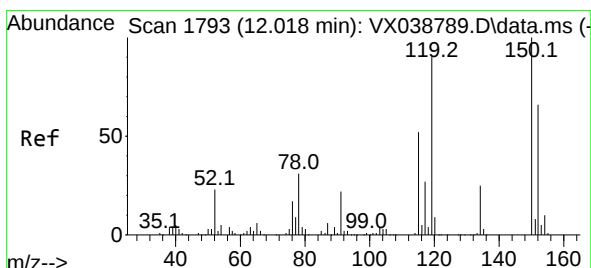
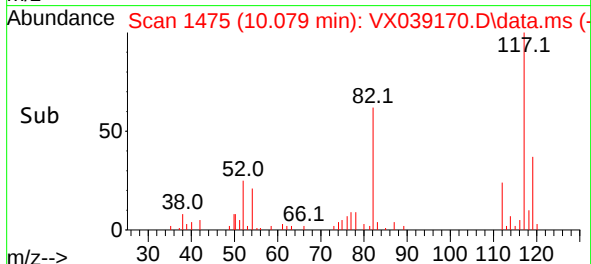
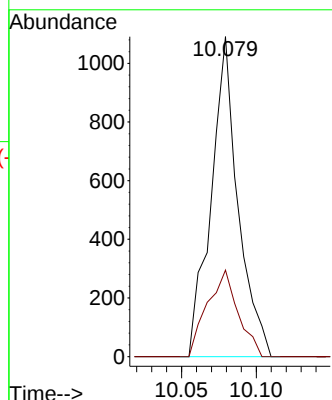
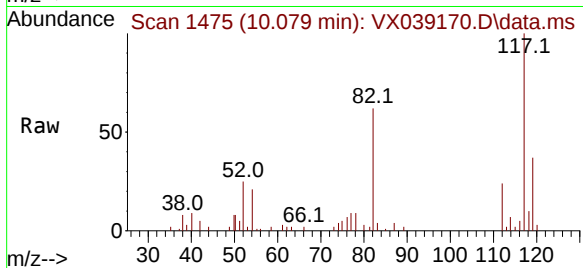
BP-TT-TT188S1-GW-20231206

Tgt Ion:112 Resp: 1369

Ion Ratio Lower Upper

112 100

114 27.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Tgt Ion:152 Resp: 113122

Ion Ratio Lower Upper

152 100

115 67.4 43.3 129.9

150 158.7 0.0 345.0

