

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)

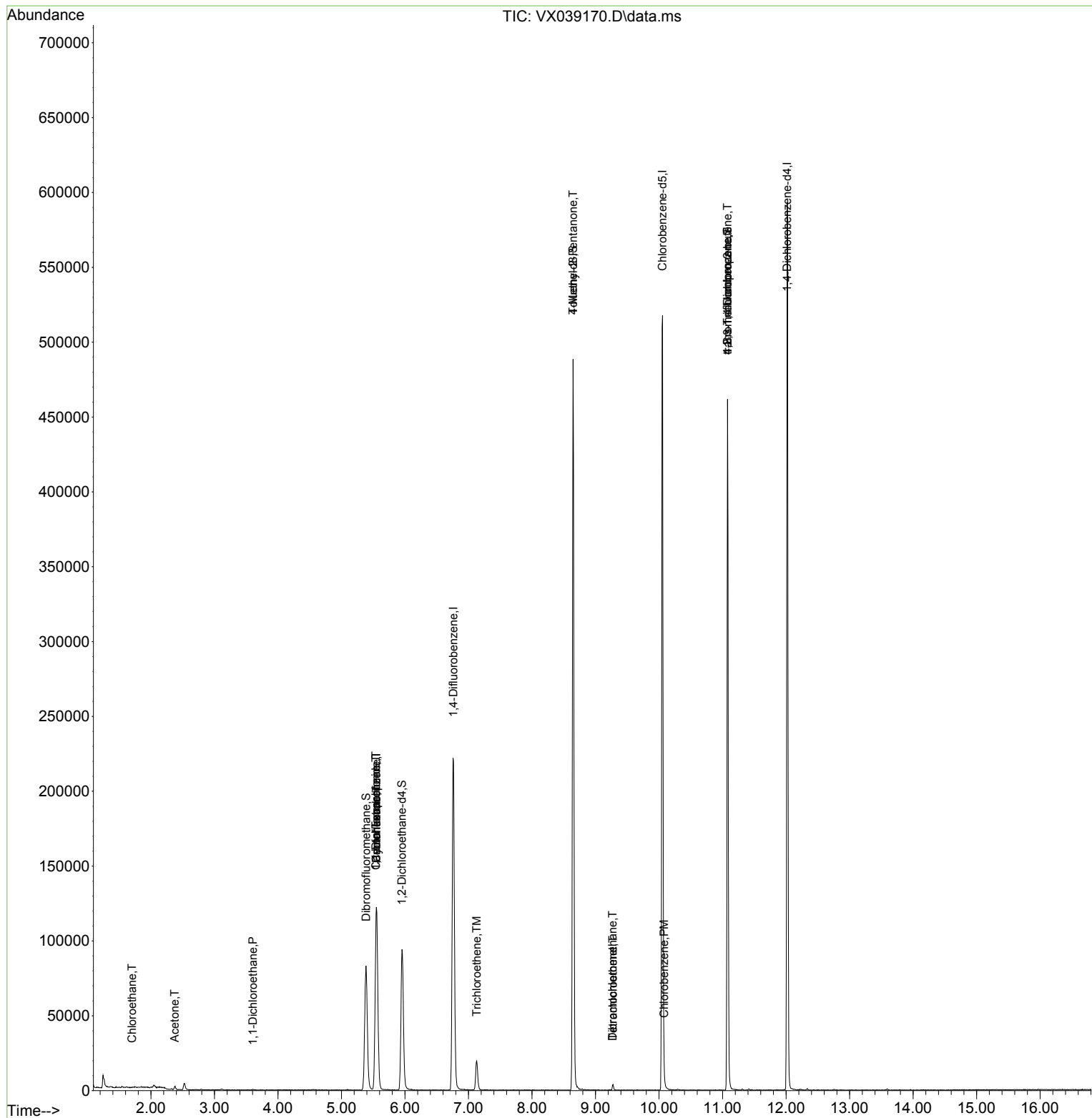
Internal Standards							
1) Pentafluorobenzene		5.550	168	107559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	219789	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	225284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.018	152	113122	50.000	ug/l	0.00
System Monitoring Compounds							
33) 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	
6) Chloroethane		1.703	64	217	0.241	ug/l #	43
16) Acetone		2.373	43	2346	2.543	ug/l	100
24) 1,1-Dichloroethane		3.605	63	606	0.220	ug/l #	83
31) Cyclohexane		5.550	56	3068	1.240	ug/l #	32
36) 1,1-Dichloropropene		5.544	75	11076	4.868	ug/l #	46
38) Carbon Tetrachloride		5.544	117	12015	5.714	ug/l #	14
44) Trichloroethene		7.129	130	7225	4.411	ug/l	93
51) 4-Methyl-2-Pentanone		8.647	43	1343	0.444	ug/l #	1
60) Dibromochloromethane		9.269	129	476	0.269	ug/l #	11
64) Tetrachloroethene		9.275	164	536	0.383	ug/l #	80
65) Chlorobenzene		10.079	112	1369	0.282	ug/l	91
76) 1,2,3-Trichloropropane		11.079	75	68972	24.438	ug/l #	38
81) trans-1,4-Dichloro-2-b...		11.079	75	68972	54.205	ug/l #	5

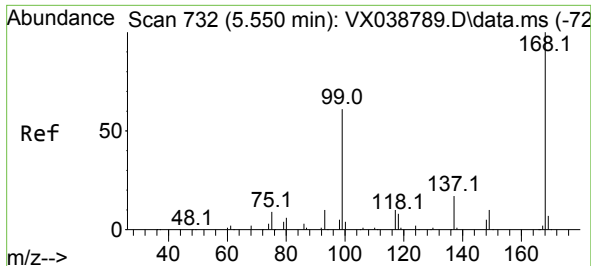
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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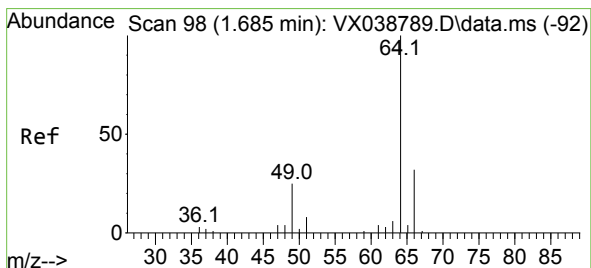
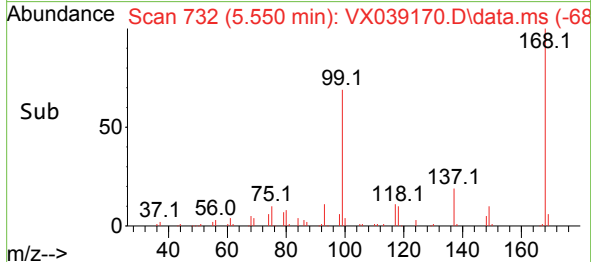
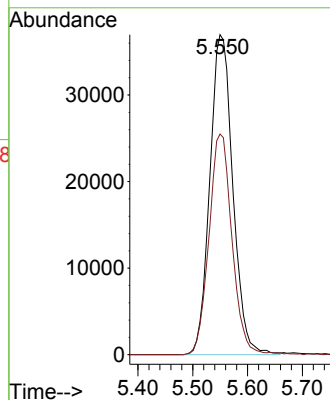
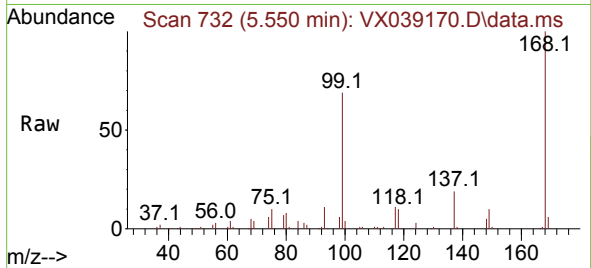




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

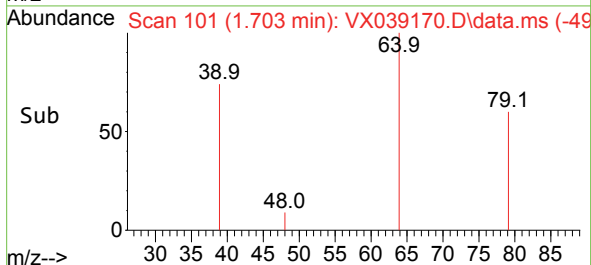
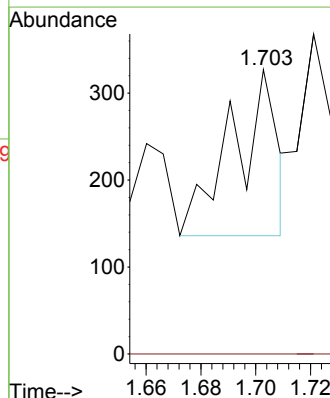
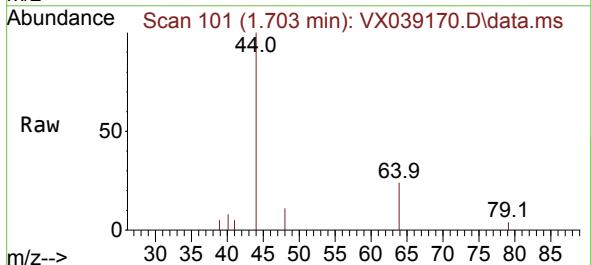
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

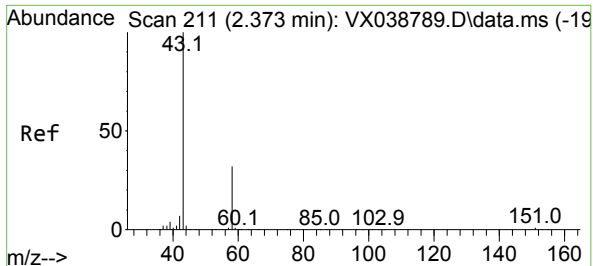
Tgt Ion:168 Resp: 107559
Ion Ratio Lower Upper
168 100
99 68.9 56.6 85.0



#6
Chloroethane
Concen: 0.241 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion: 64 Resp: 217
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

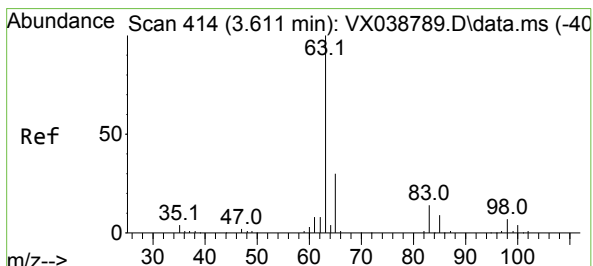
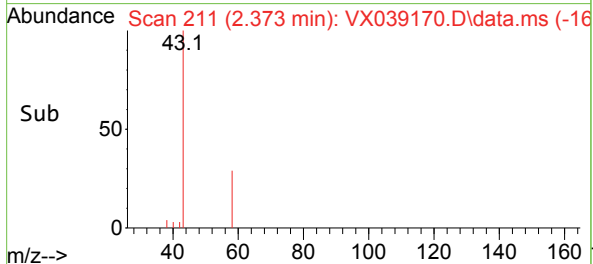
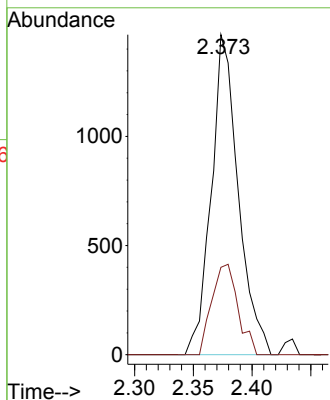
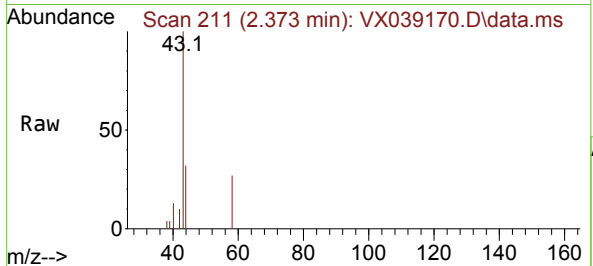




#16
Acetone
Concen: 2.543 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

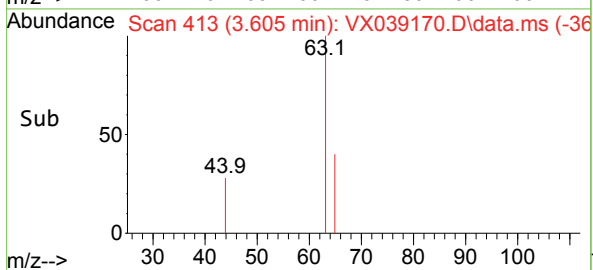
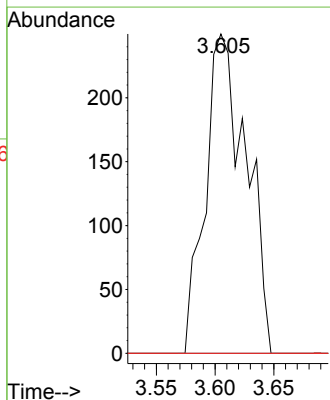
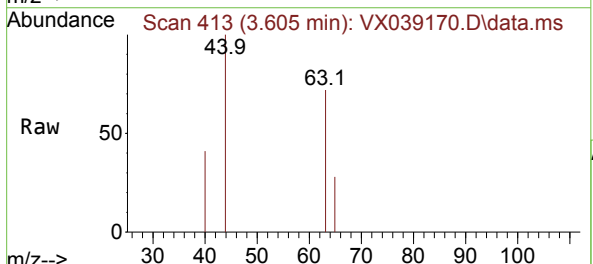
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

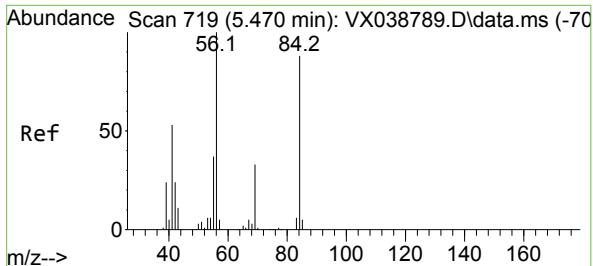
Tgt Ion: 43 Resp: 2346
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9



#24
1,1-Dichloroethane
Concen: 0.220 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

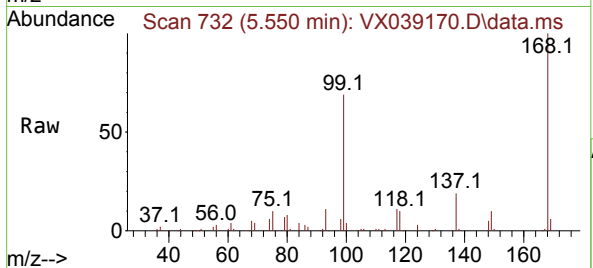
Tgt Ion: 63 Resp: 606
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



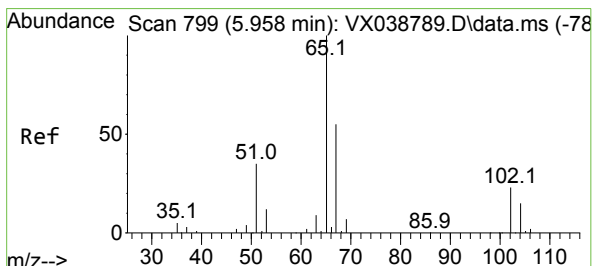
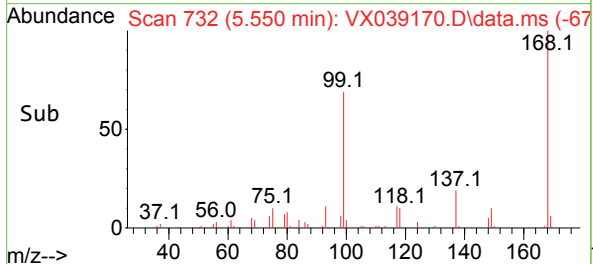
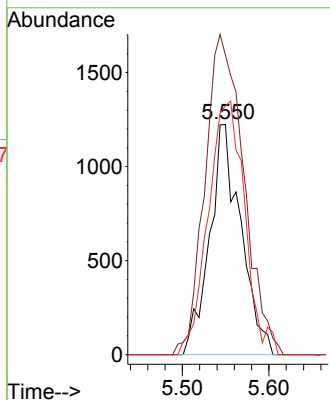


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

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

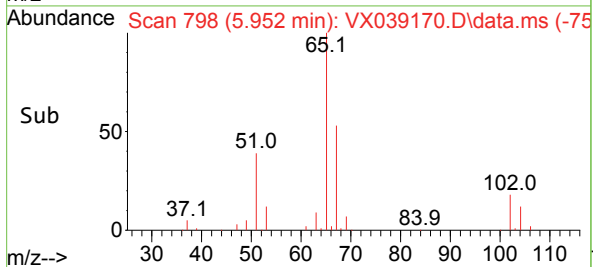
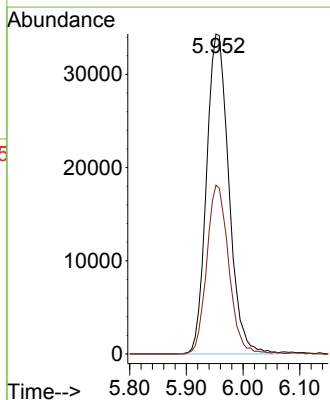
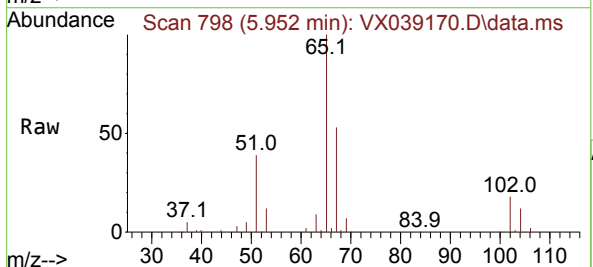


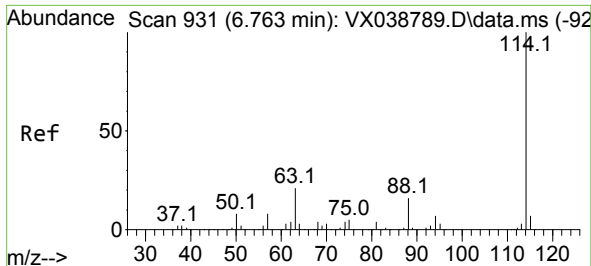
Tgt Ion: 56 Resp: 3068
Ion Ratio Lower Upper
56 100
69 126.1 23.4 35.2#
84 107.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.233 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion: 65 Resp: 93993
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

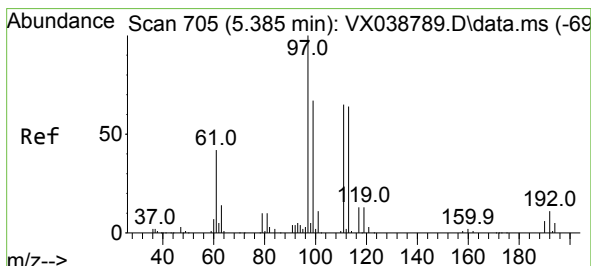
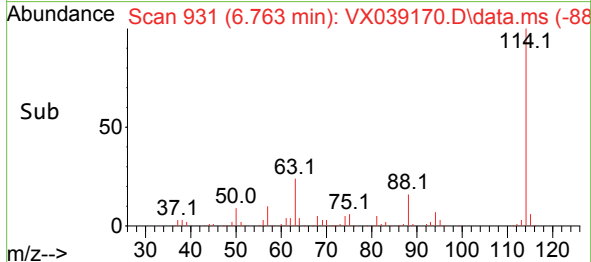
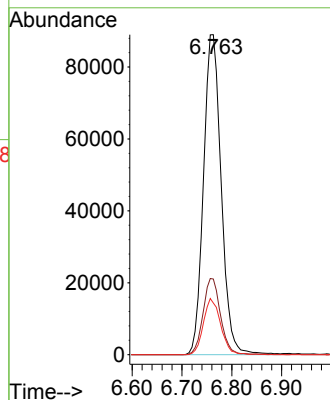
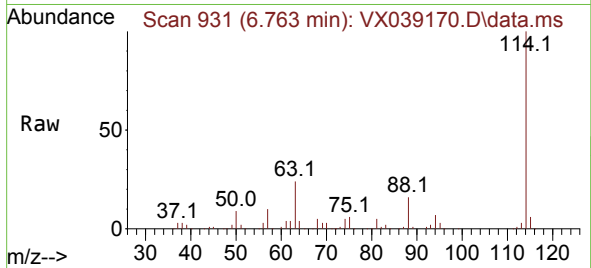




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

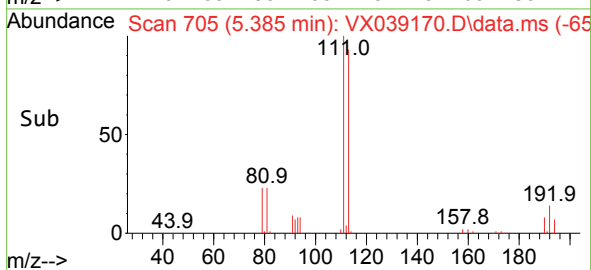
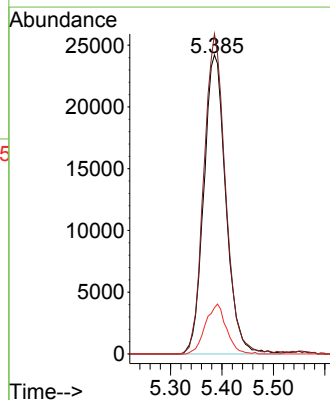
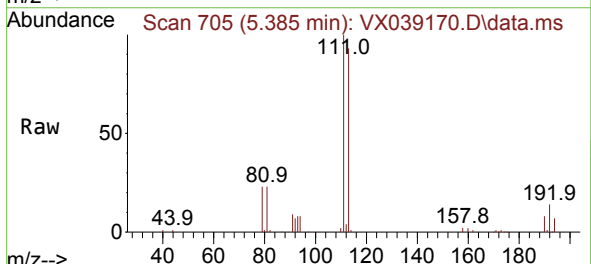
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

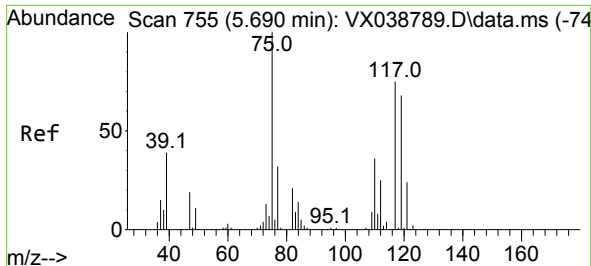
Tgt Ion:114 Resp: 219789
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.1 0.0 36.6



#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

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

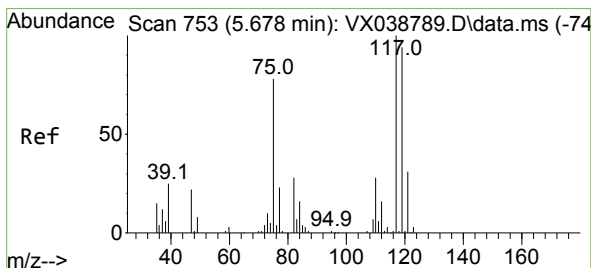
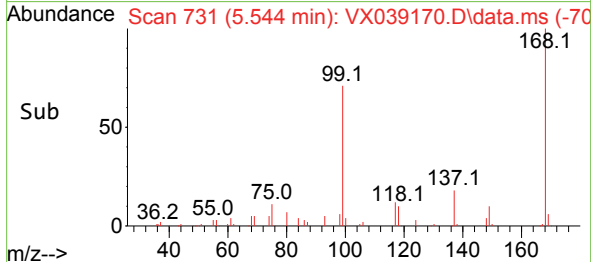
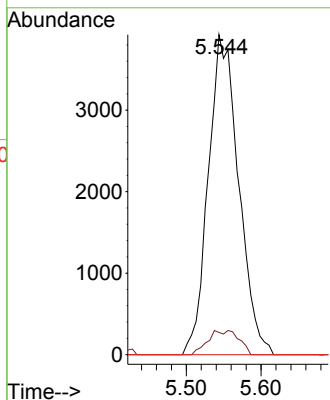
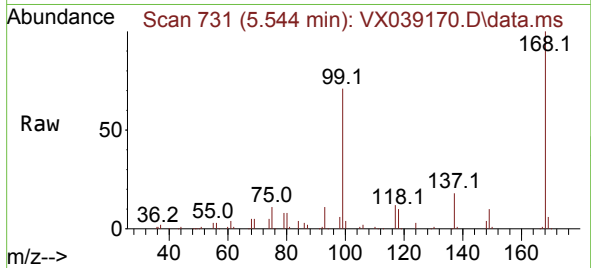




#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

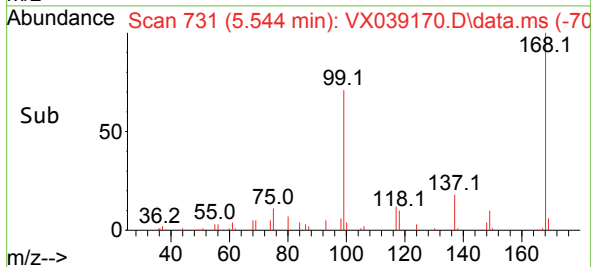
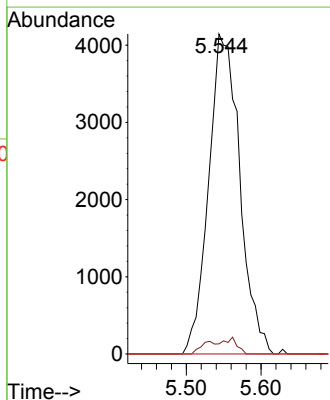
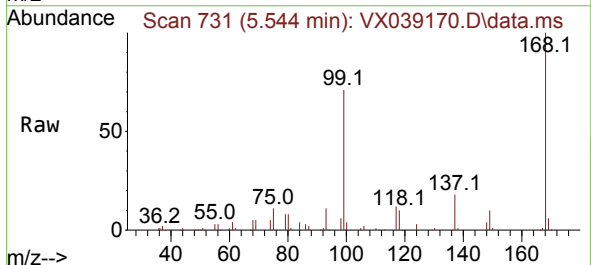
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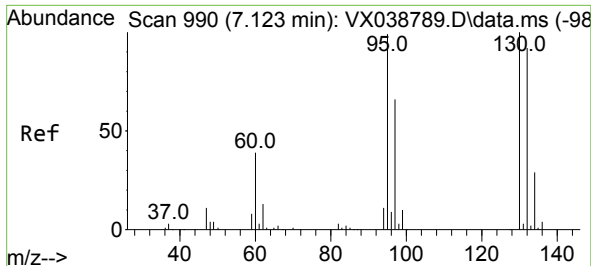
Tgt Ion: 75 Resp: 11076
Ion Ratio Lower Upper
75 100
110 4.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

Tgt Ion: 117 Resp: 12015
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

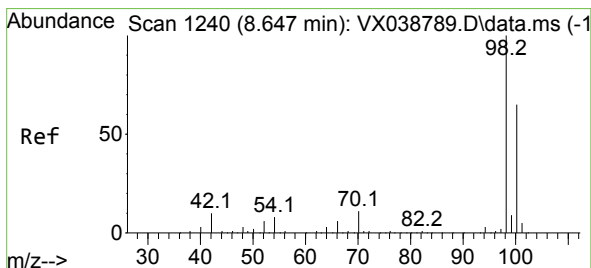
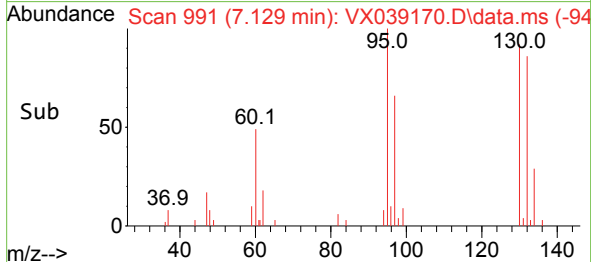
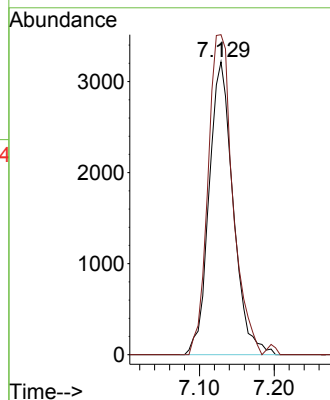
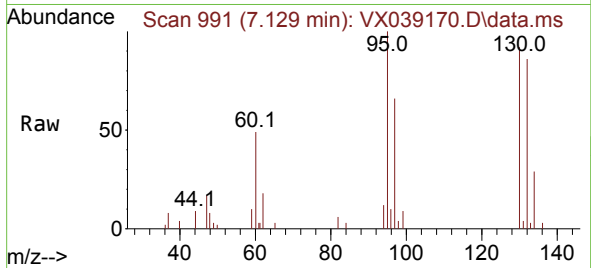




#44
Trichloroethene
Concen: 4.411 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

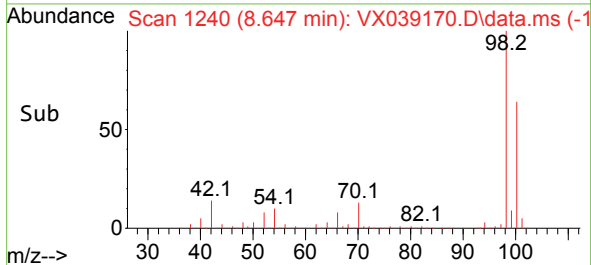
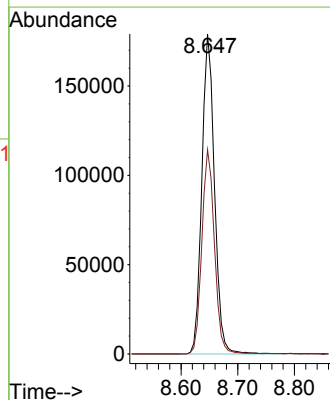
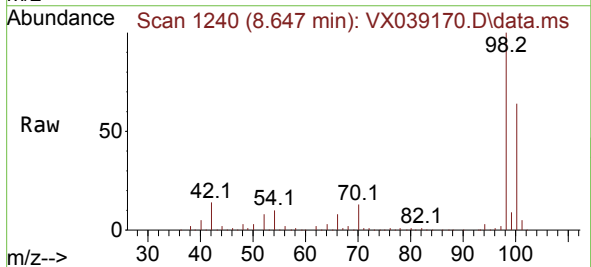
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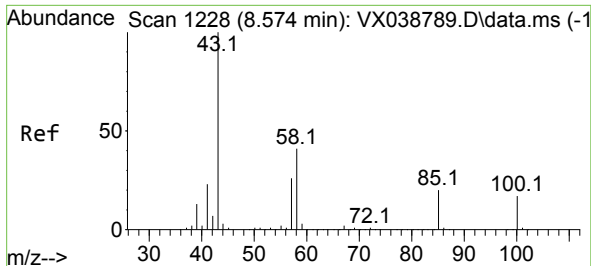
Tgt Ion:130 Resp: 7225
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4



#50
Toluene-d8
Concen: 45.615 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

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





#51

4-Methyl-2-Pentanone

Concen: 0.444 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039170.D

Acq: 12 Dec 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

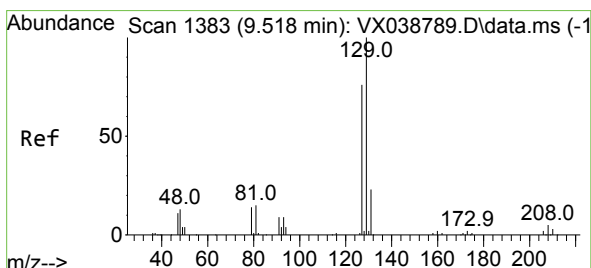
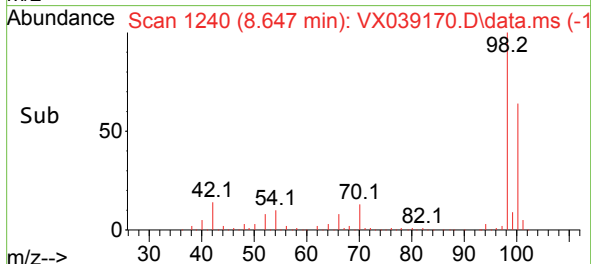
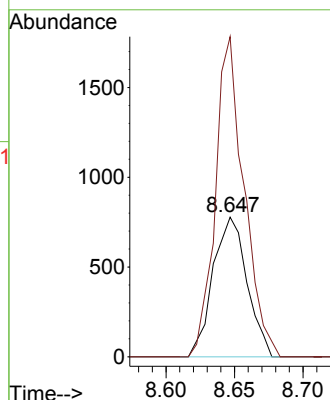
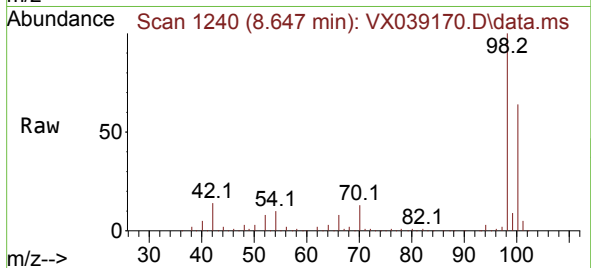
BP-TT-TT188S1-GW-20231206

Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

58 193.2 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.269 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX039170.D

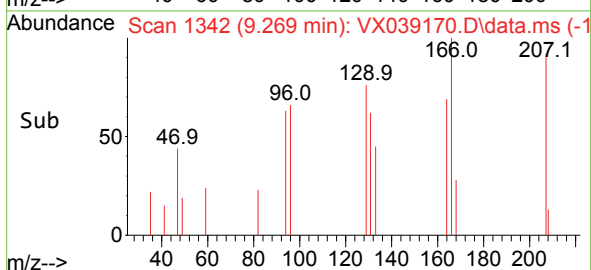
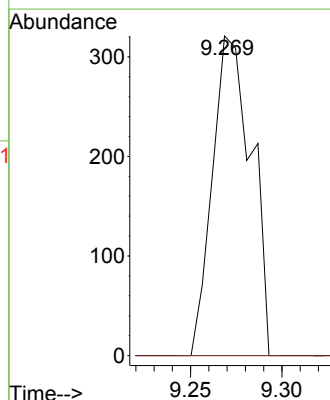
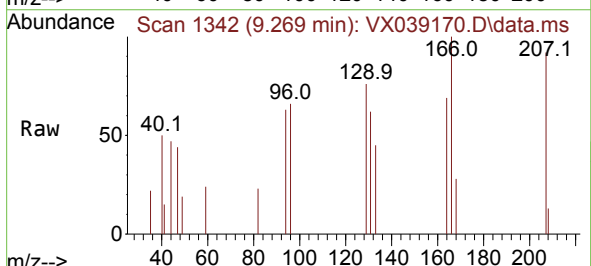
Acq: 12 Dec 2023 16:57

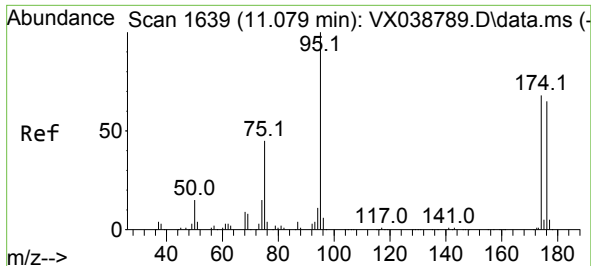
Tgt Ion: 129 Resp: 476

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

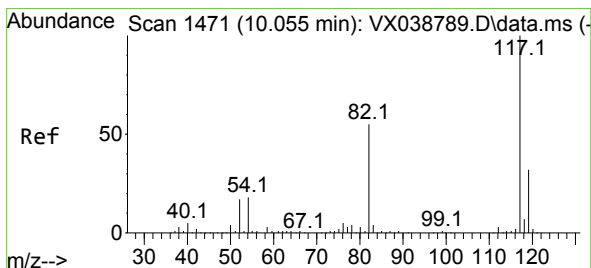
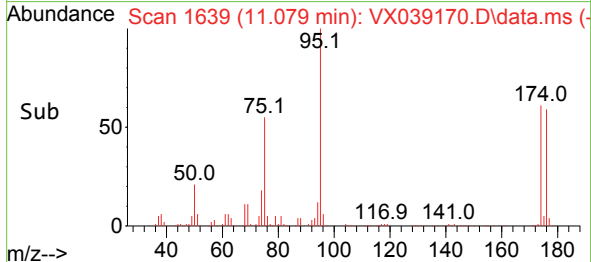
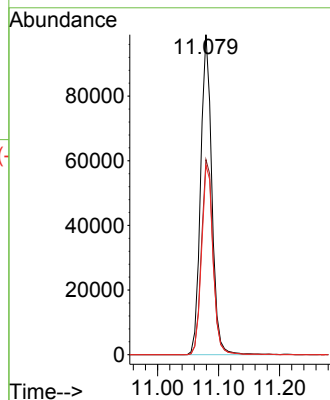
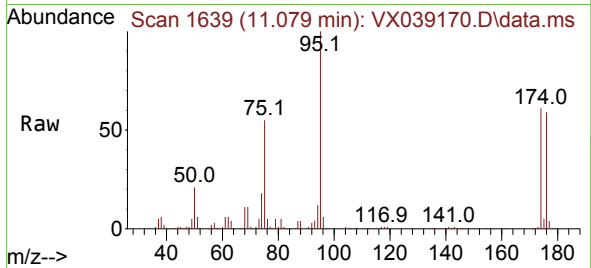




#62
4-Bromofluorobenzene
Concen: 51.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

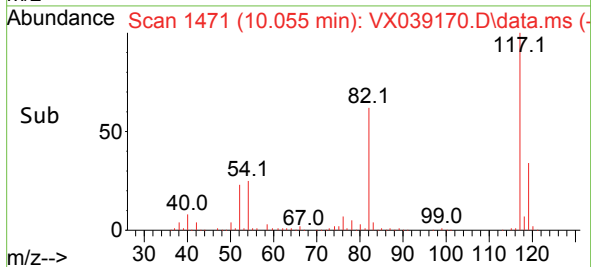
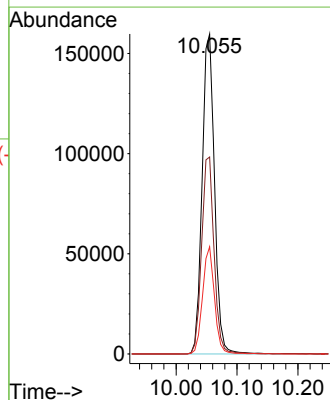
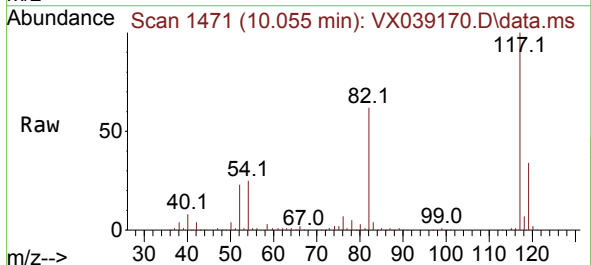
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

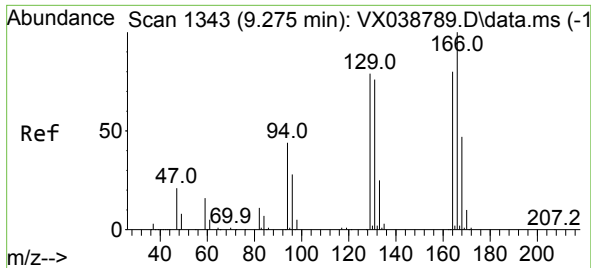
Tgt Ion: 95 Resp: 125923
Ion Ratio Lower Upper
95 100
174 63.2 0.0 135.6
176 60.6 0.0 131.0



#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

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

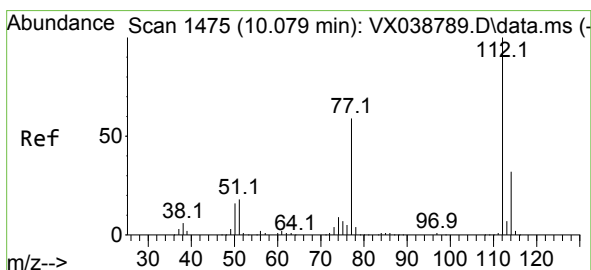
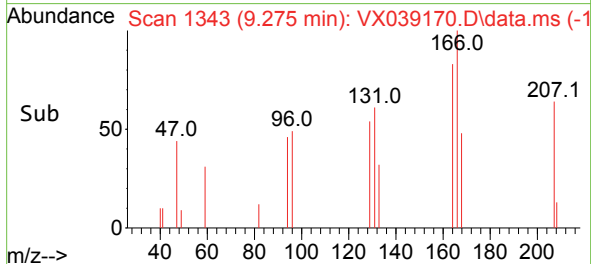
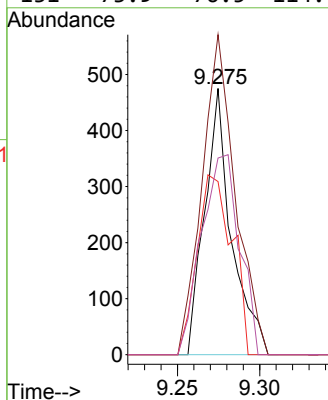
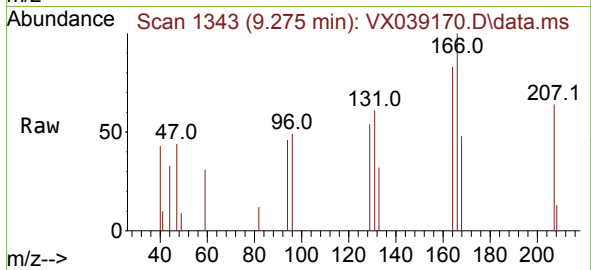




#64
Tetrachloroethene
Concen: 0.383 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039170.D
Acq: 12 Dec 2023 16:57

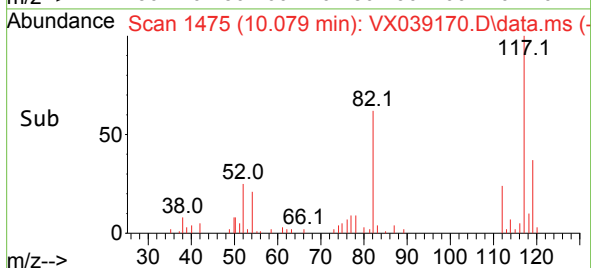
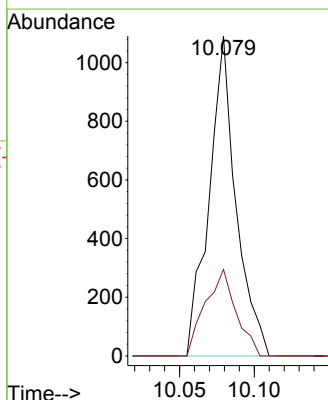
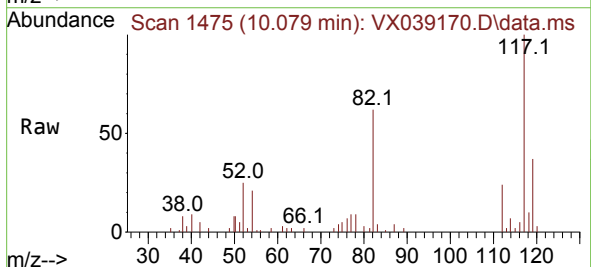
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TT188S1-GW-20231206

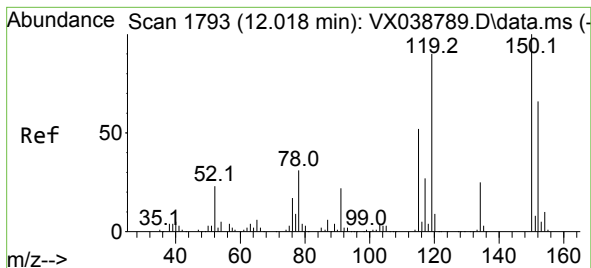
Tgt Ion:164 Resp: 536
Ion Ratio Lower Upper
164 100
166 120.2 102.7 154.1
129 65.1 80.4 120.6#
131 73.9 76.5 114.7#



#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

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# 1

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

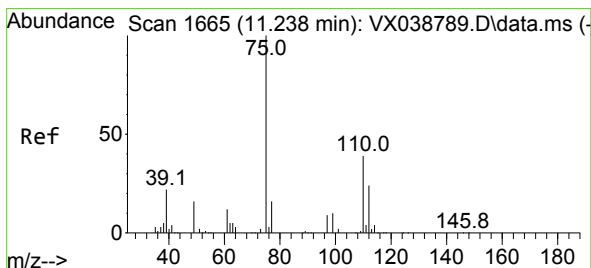
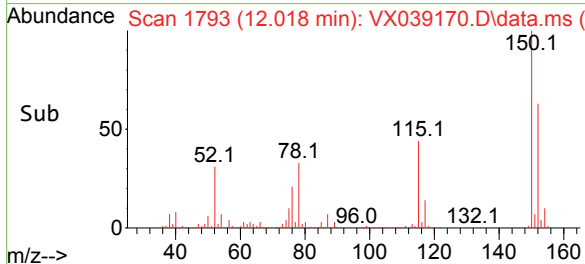
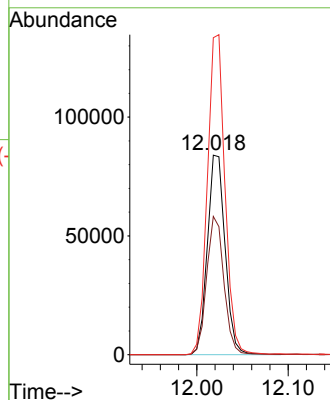
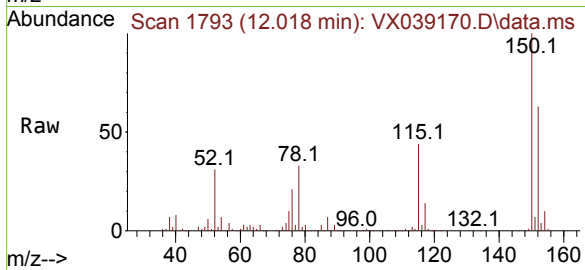
Tgt Ion:152 Resp: 113122

Ion Ratio Lower Upper

152 100

115 67.4 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039170.D

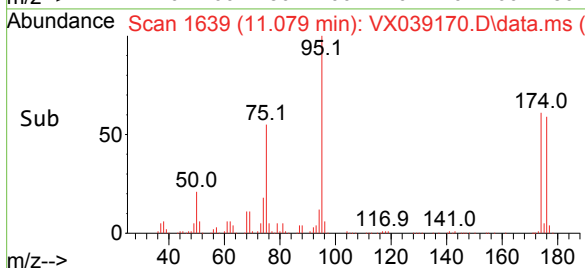
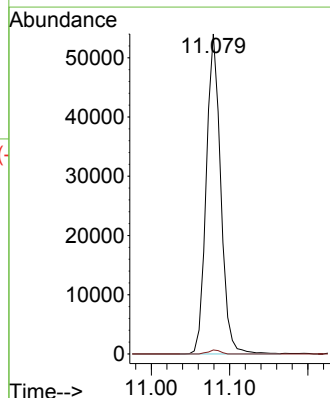
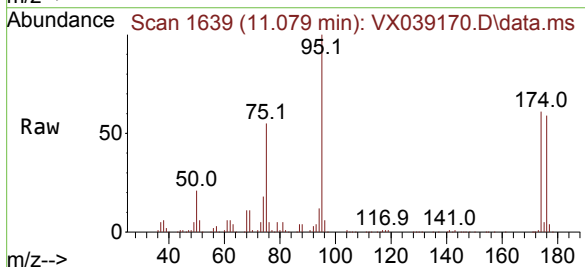
Acq: 12 Dec 2023 16:57

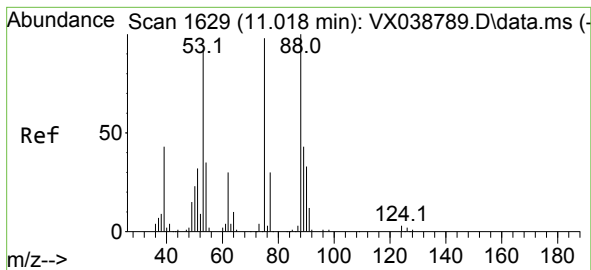
Tgt Ion: 75 Resp: 68972

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





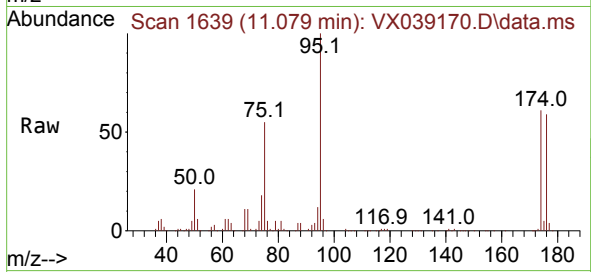
#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.205 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039170.D
 Acq: 12 Dec 2023 16:57

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TT188S1-GW-20231206



Tgt Ion: 75 Resp: 68972
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

