

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036639.D
 Acq On : 24 Jul 2023 18:56
 Operator : JC/MD
 Sample : 03744-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-04-440-455-072423

Quant Time: Jul 25 06:39:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

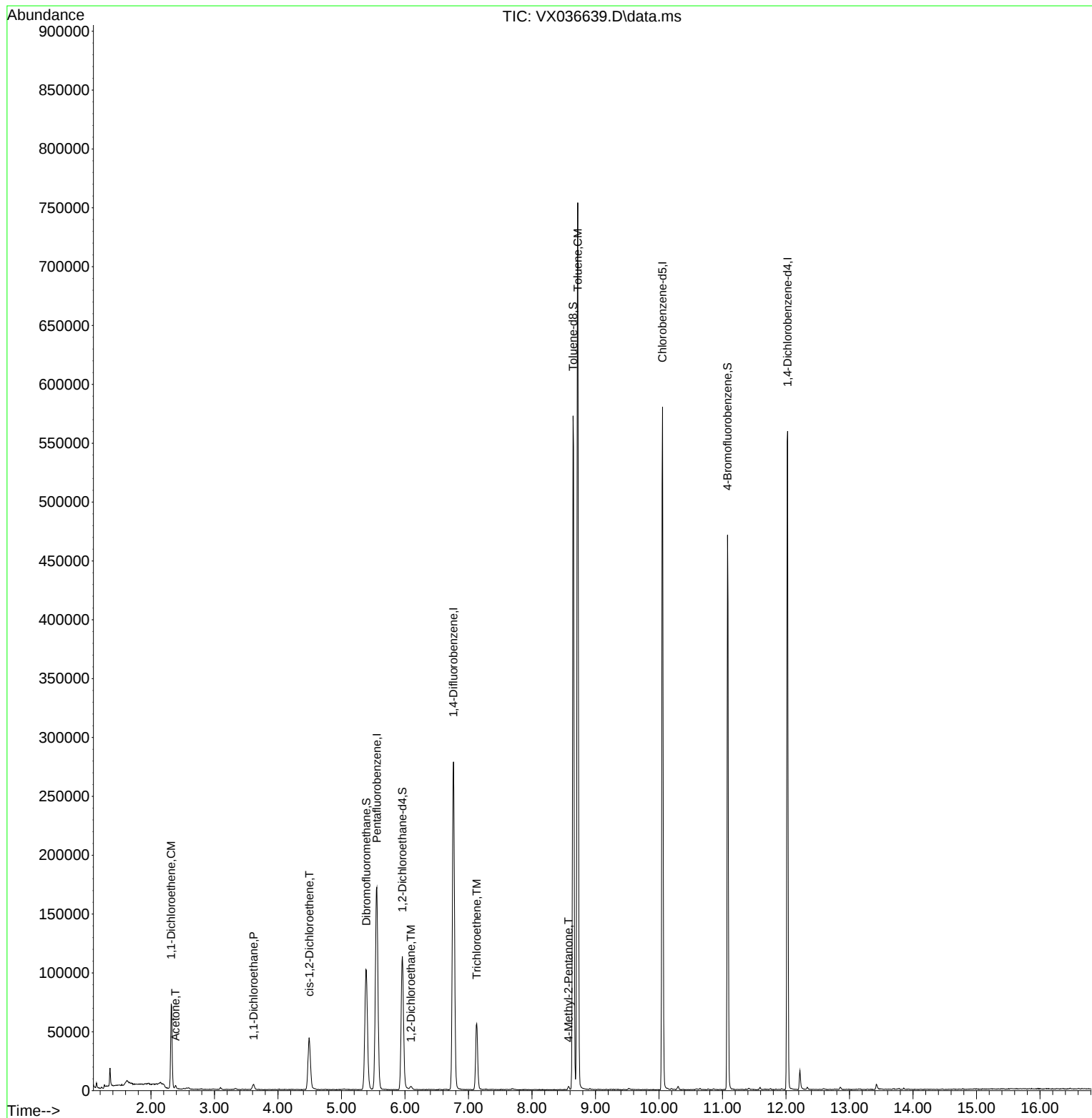
Internal Standards						
1) Pentafluorobenzene	5.556	168	158771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108179	46.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.100%		
35) Dibromofluoromethane	5.391	113	89976	46.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.200%		
50) Toluene-d8	8.647	98	341796	49.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.079	95	128232	49.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.220%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	24337	13.689	ug/l	89
16) Acetone	2.386	43	2616	2.683	ug/l	92
24) 1,1-Dichloroethane	3.617	63	5152	1.382	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	27736	11.752	ug/l	84
42) 1,2-Dichloroethane	6.092	62	2807	0.907	ug/l	97
44) Trichloroethene	7.129	130	21646	9.785	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	2079	0.663	ug/l	93
52) Toluene	8.720	92	285360	53.810	ug/l	96

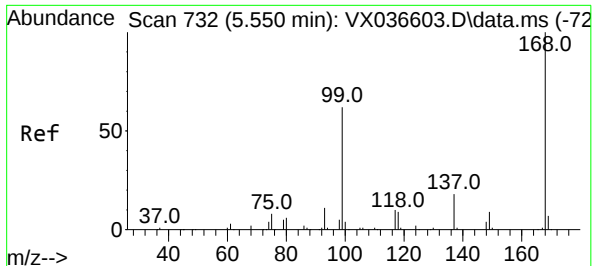
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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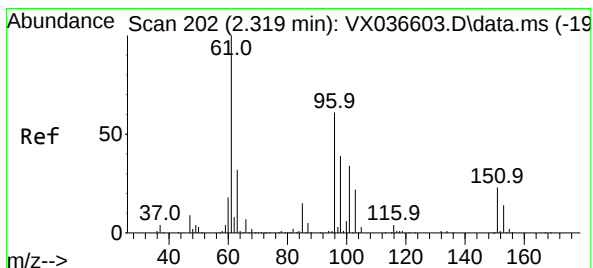
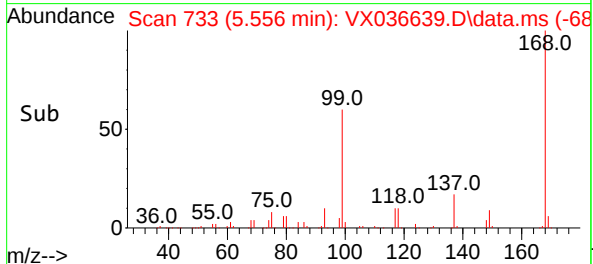
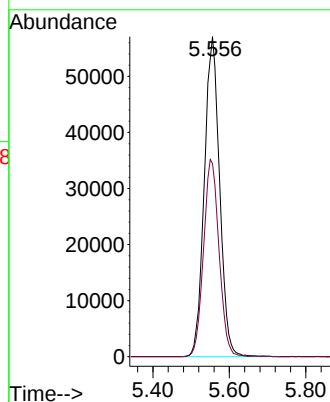
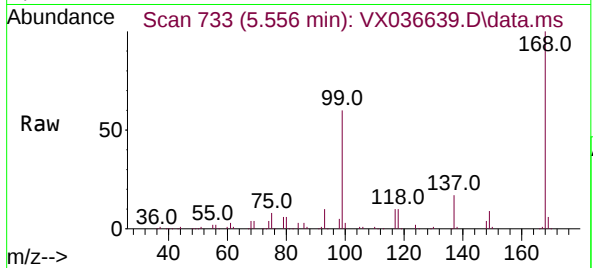




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

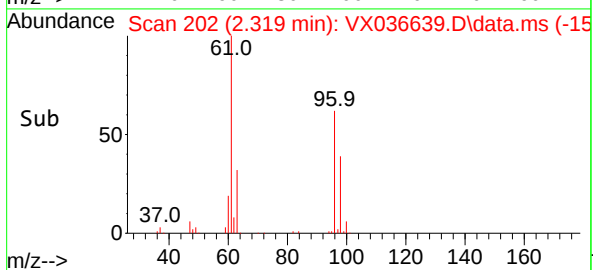
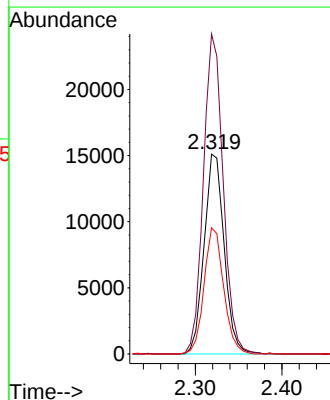
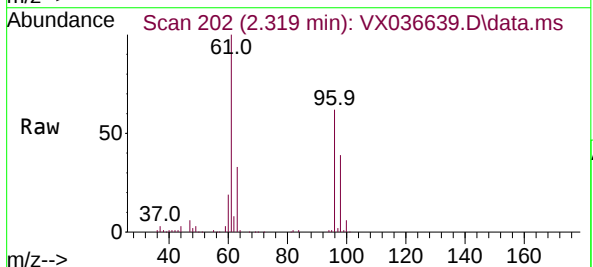
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-440-455-072423

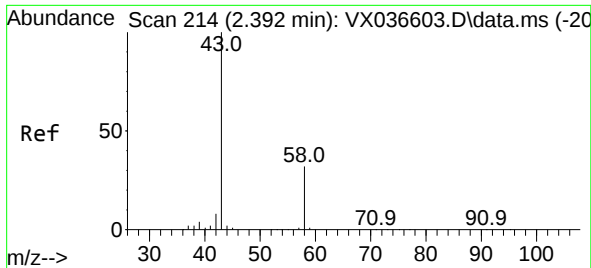
Tgt Ion:168 Resp: 158771
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 13.689 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

Tgt Ion: 96 Resp: 24337
Ion Ratio Lower Upper
96 100
61 160.1 144.6 216.8
98 63.1 50.4 75.6





#16

Acetone

Concen: 2.683 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX036639.D

Acq: 24 Jul 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

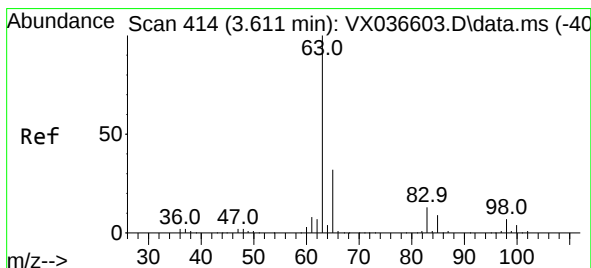
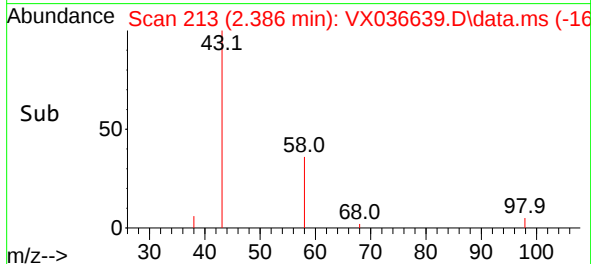
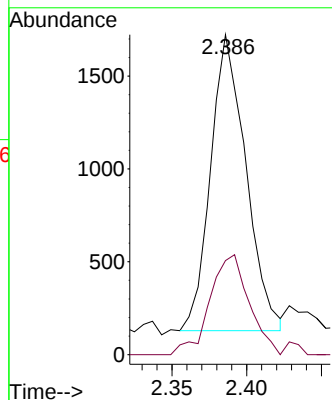
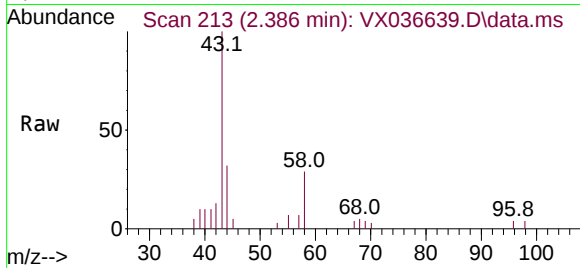
GWBR-04-440-455-072423

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

43 100

58 31.7 21.9 32.9



#24

1,1-Dichloroethane

Concen: 1.382 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX036639.D

Acq: 24 Jul 2023 18:56

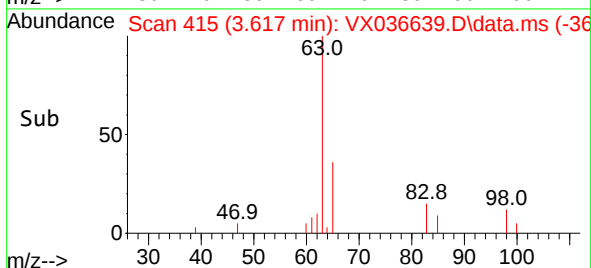
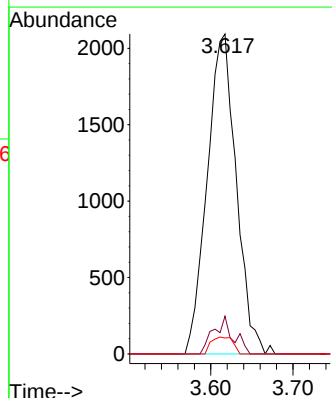
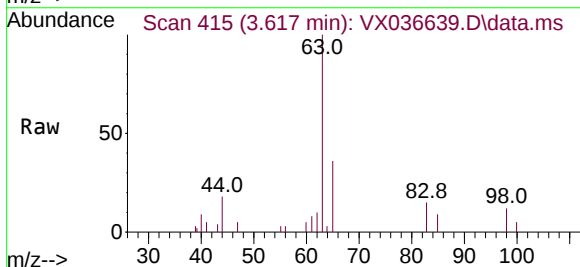
Tgt Ion: 63 Resp: 5152

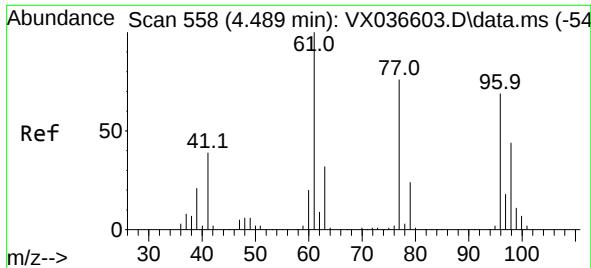
Ion Ratio Lower Upper

63 100

98 11.8 3.3 9.8#

100 5.0 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 11.752 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036639.D

Acq: 24 Jul 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

GWBR-04-440-455-072423

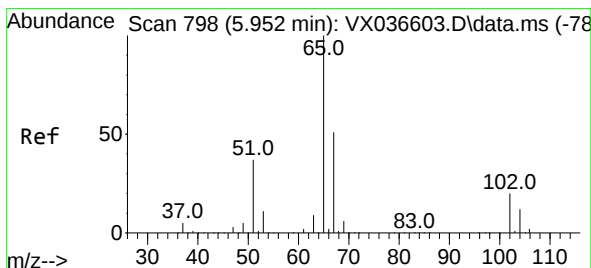
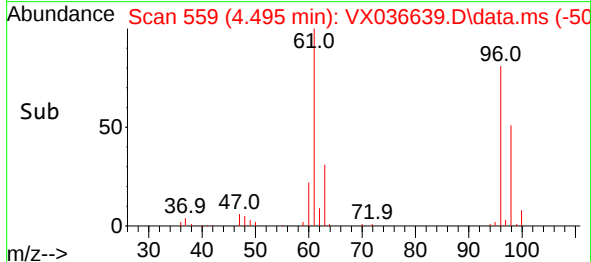
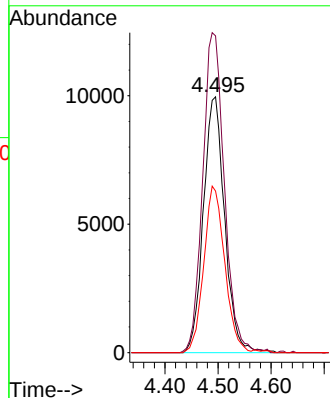
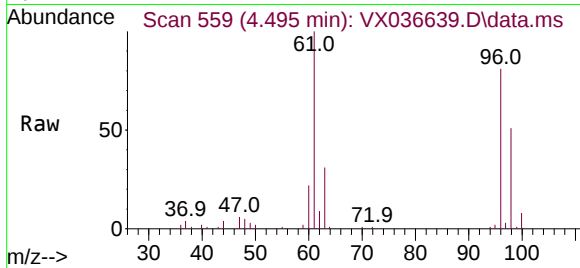
Tgt Ion: 96 Resp: 27736

Ion Ratio Lower Upper

96 100

61 127.4 0.0 312.2

98 64.2 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 46.048 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX036639.D

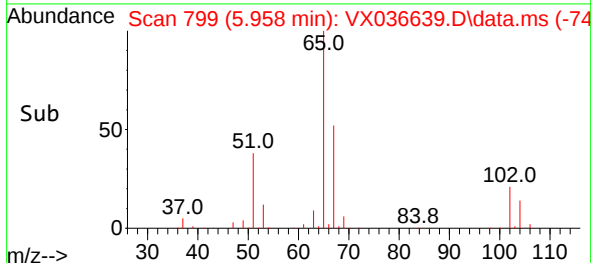
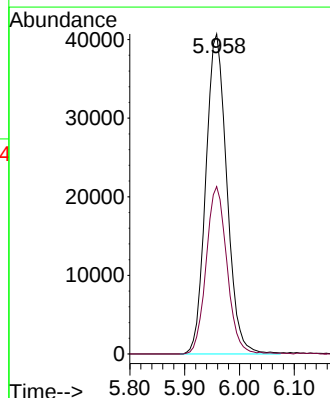
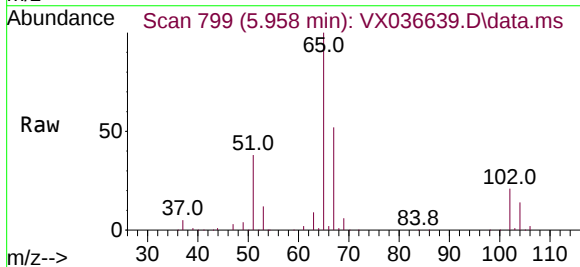
Acq: 24 Jul 2023 18:56

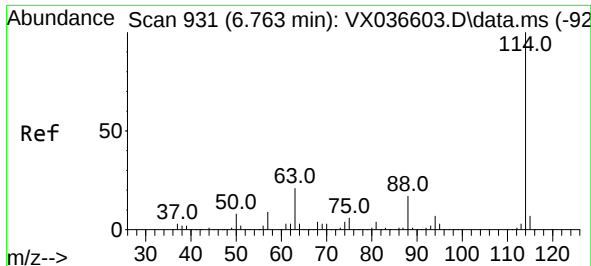
Tgt Ion: 65 Resp: 108179

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

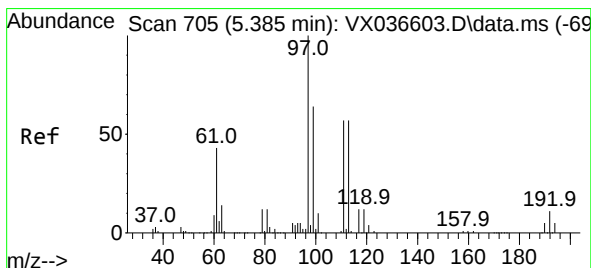
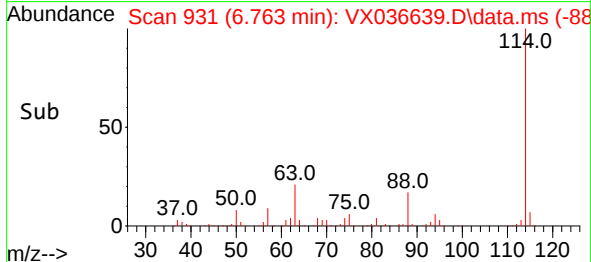
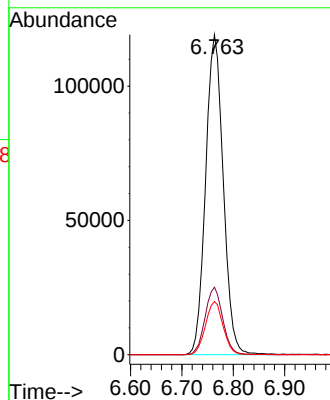
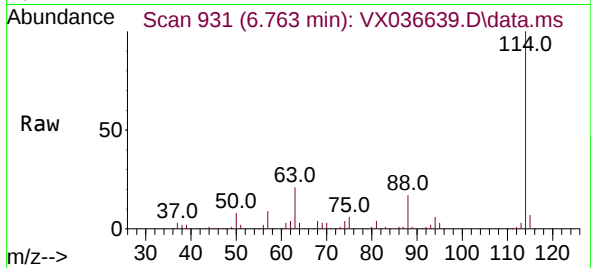




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

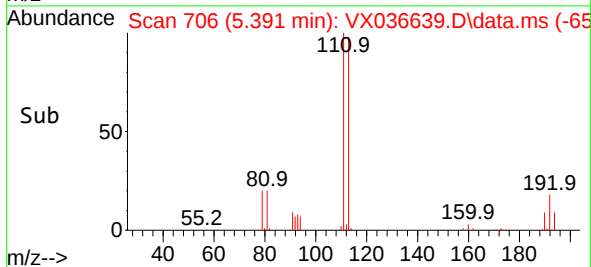
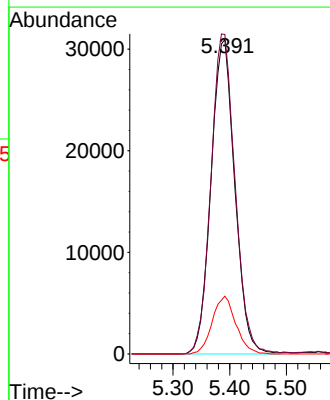
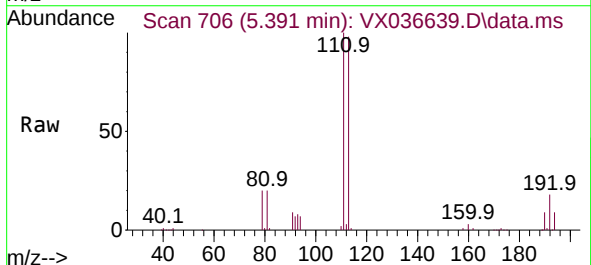
Instrument :
MSVOA_X
ClientSampleId :
GWBR-04-440-455-072423

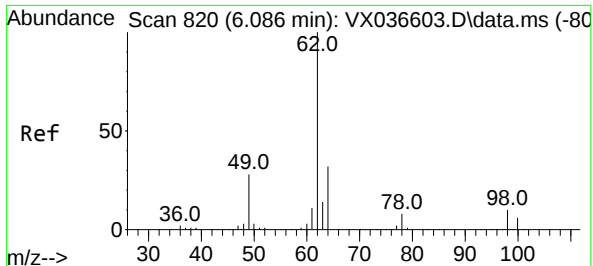
Tgt Ion:114 Resp: 283943
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.102 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

Tgt Ion:113 Resp: 89976
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.2 13.3 19.9





#42

1,2-Dichloroethane

Concen: 0.907 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036639.D

Acq: 24 Jul 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

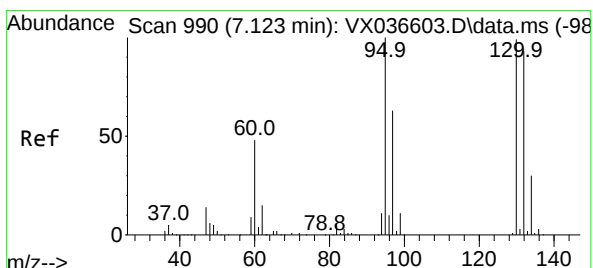
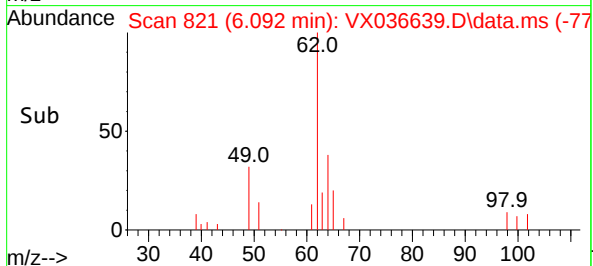
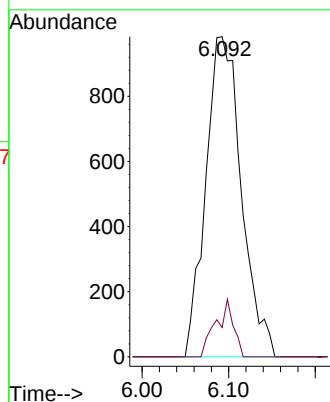
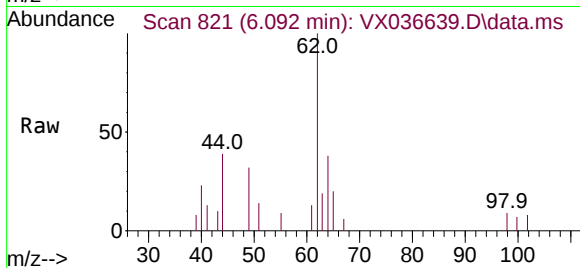
GWBR-04-440-455-072423

Tgt Ion: 62 Resp: 2807

Ion Ratio Lower Upper

62 100

98 9.0 0.0 16.0



#44

Trichloroethene

Concen: 9.785 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036639.D

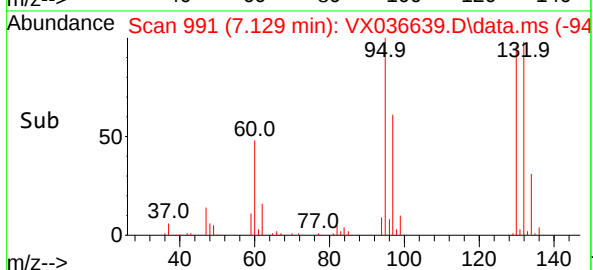
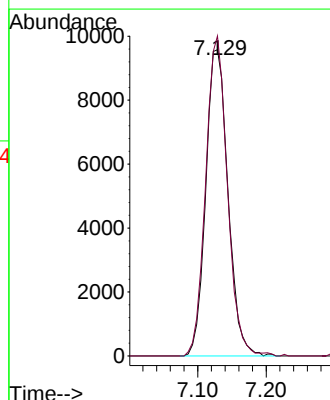
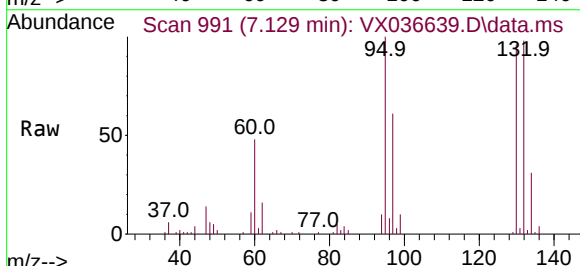
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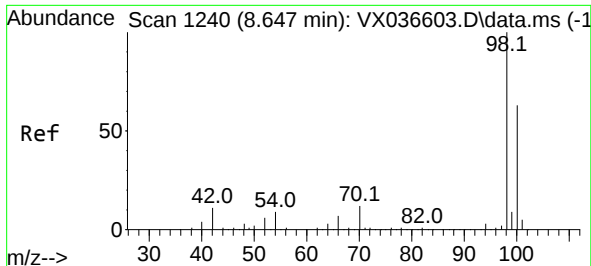
Tgt Ion: 130 Resp: 21646

Ion Ratio Lower Upper

130 100

95 104.5 0.0 204.4

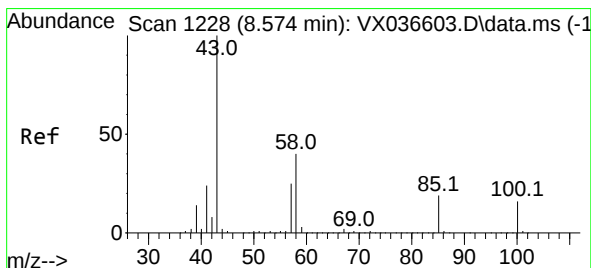
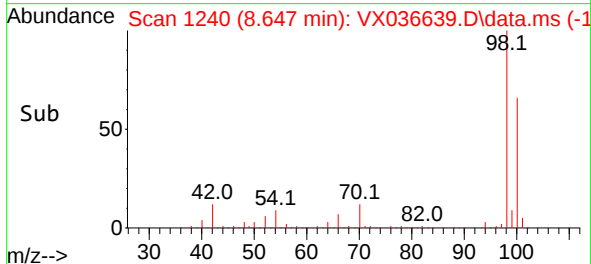
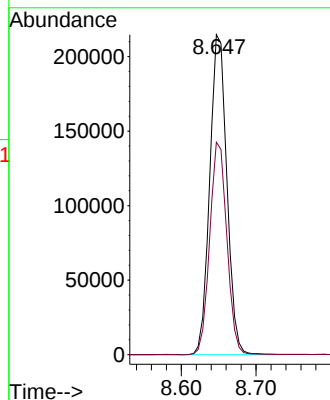
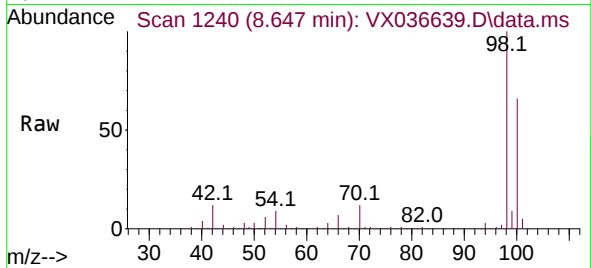




#50
Toluene-d8
Concen: 49.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

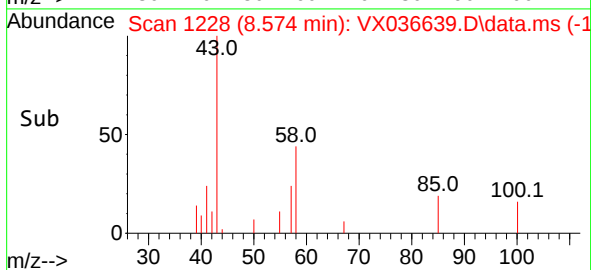
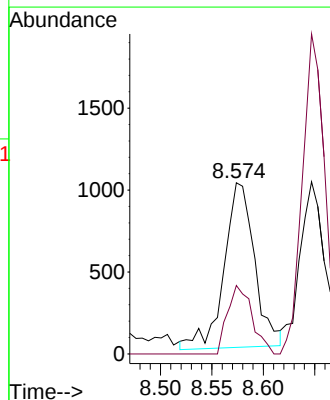
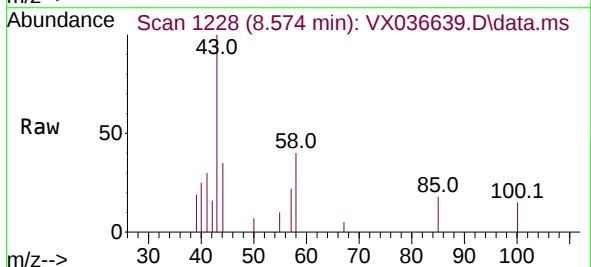
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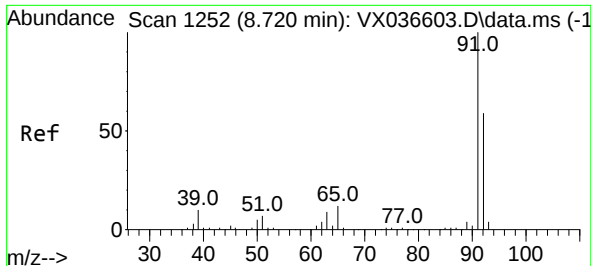
Tgt Ion: 98 Resp: 341796
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

Tgt Ion: 43 Resp: 2079
Ion Ratio Lower Upper
43 100
58 33.5 30.4 45.6

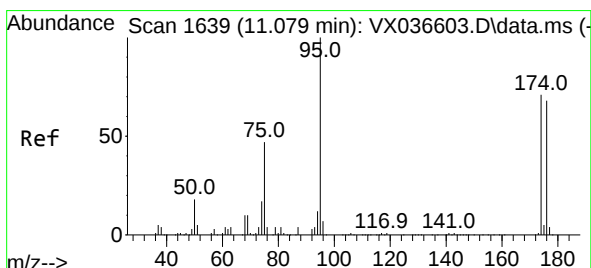
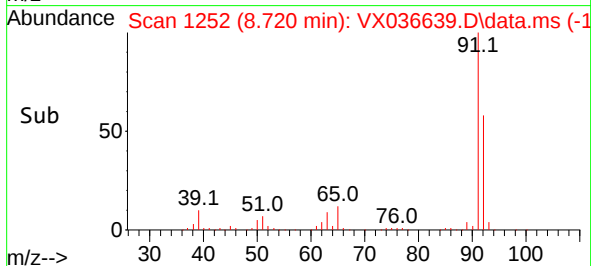
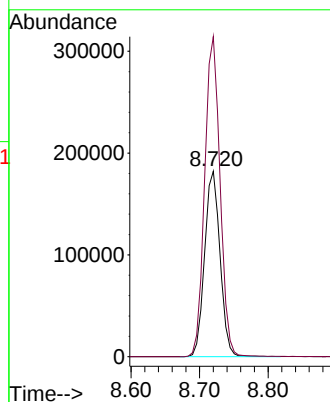
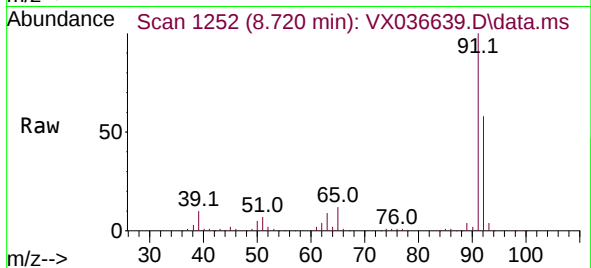




#52
Toluene
Concen: 53.810 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

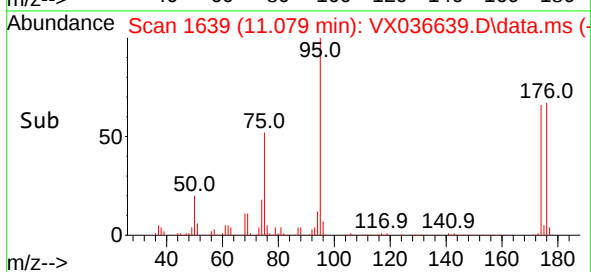
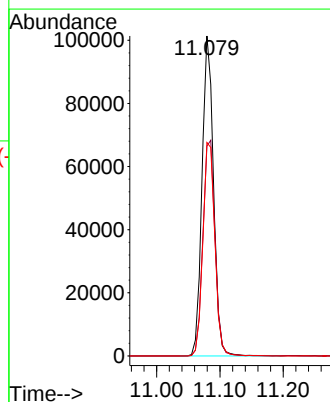
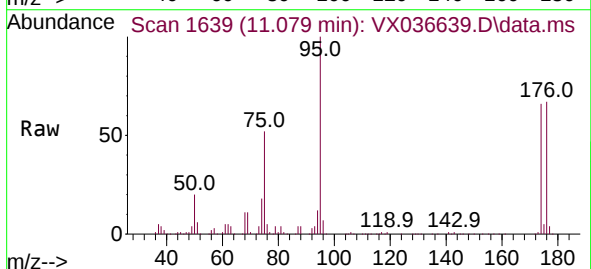
Instrument : MSVOA_X
ClientSampleId : GWBR-04-440-455-072423

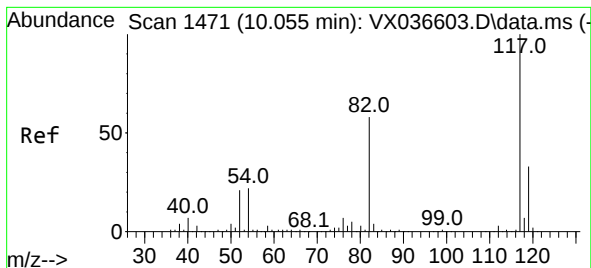
Tgt Ion: 92 Resp: 285360
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.109 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036639.D
Acq: 24 Jul 2023 18:56

Tgt Ion: 95 Resp: 128232
Ion Ratio Lower Upper
95 100
174 70.9 0.0 135.6
176 69.6 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: VX036639.D

Acq: 24 Jul 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

GWBR-04-440-455-072423

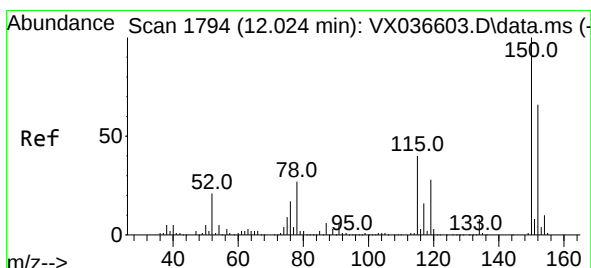
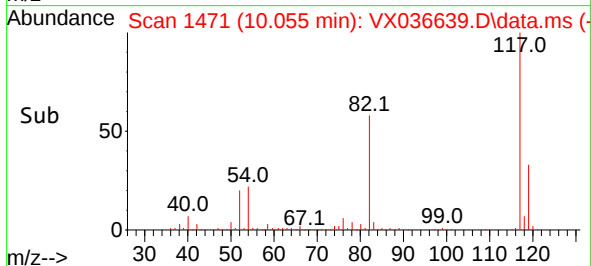
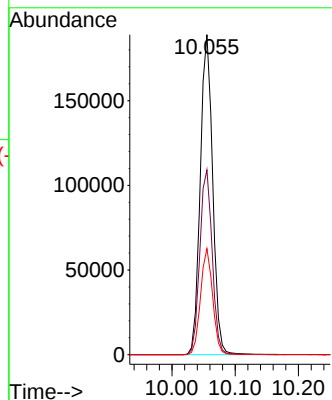
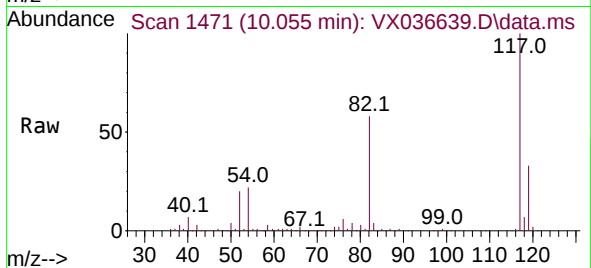
Tgt Ion:117 Resp: 258256

Ion Ratio Lower Upper

117 100

82 57.8 46.2 69.4

119 33.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036639.D

Acq: 24 Jul 2023 18:56

Tgt Ion:152 Resp: 114759

Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 157.8 0.0 345.0

