

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039436.D
 Acq On : 22 Dec 2023 13:47
 Operator : JC/MD
 Sample : 05996-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-04A-440-460-122123

Quant Time: Dec 23 06:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

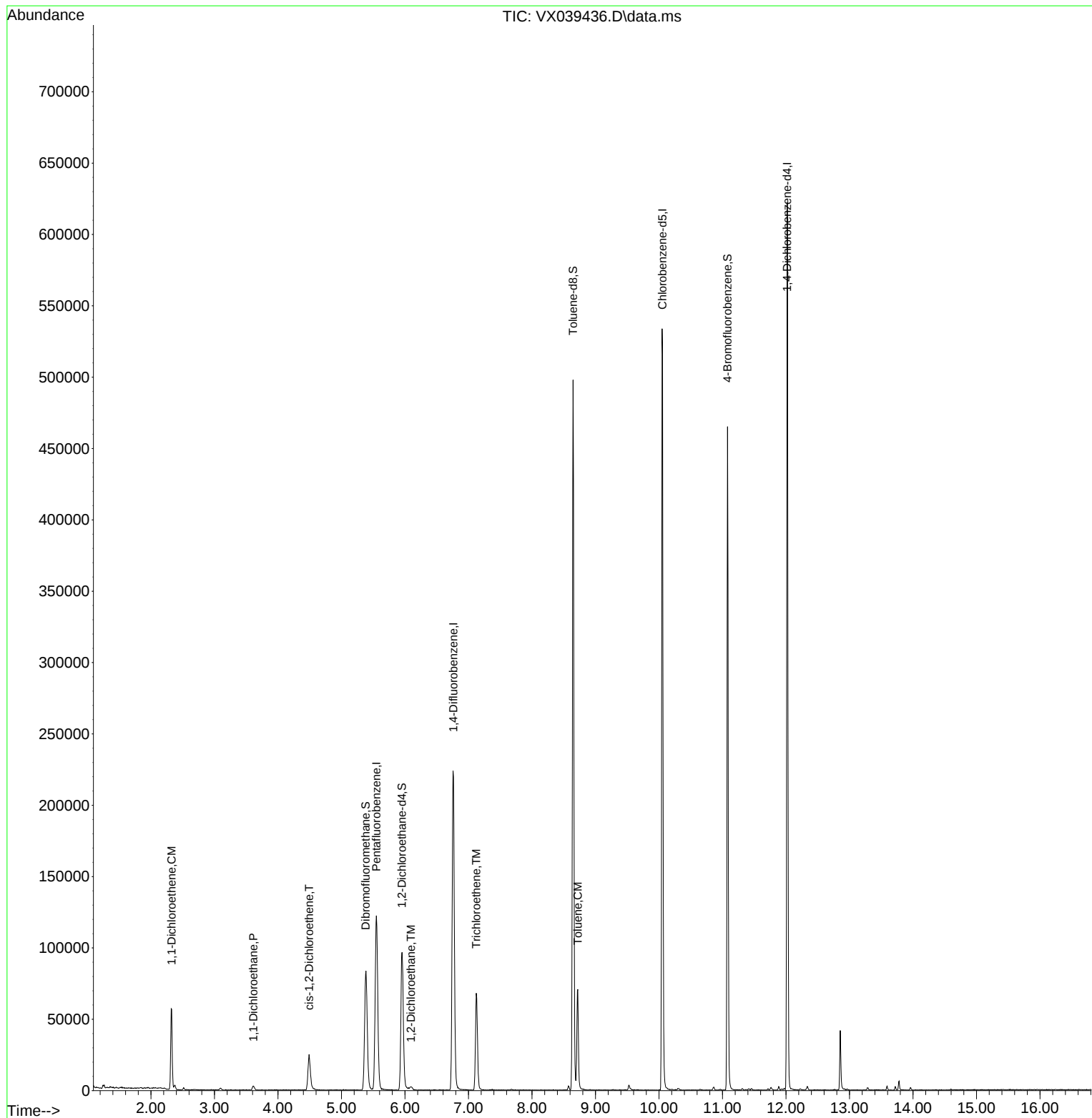
Internal Standards						
1) Pentafluorobenzene	5.550	168	104383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94146	49.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.460%		
35) Dibromofluoromethane	5.379	113	73548	48.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	283137	49.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.920%		
62) 4-Bromofluorobenzene	11.079	95	124496	53.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.480%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.325	96	18678	13.915	ug/l	90
24) 1,1-Dichloroethane	3.611	63	3435	1.228	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	14426	8.948	ug/l	90
42) 1,2-Dichloroethane	6.092	62	2826	1.024	ug/l	83
44) Trichloroethene	7.123	130	24773	14.405	ug/l	85
52) Toluene	8.720	92	27081	6.584	ug/l	95

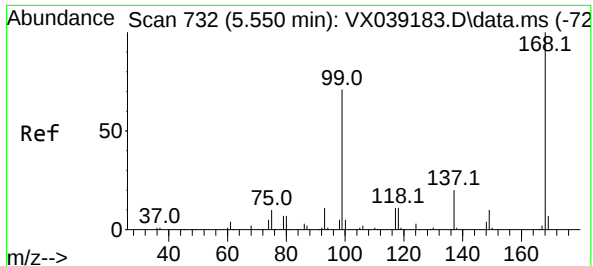
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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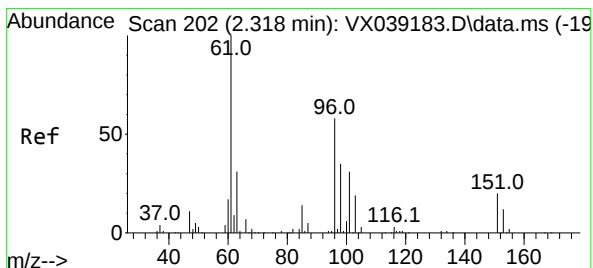
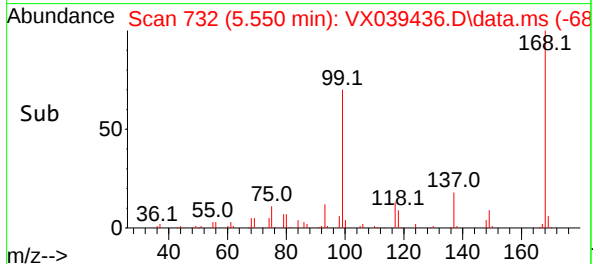
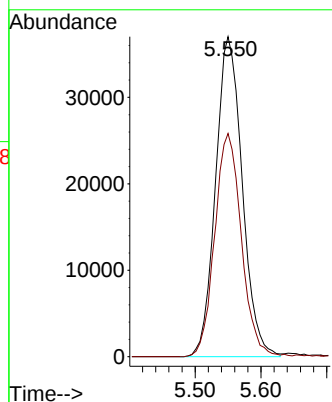
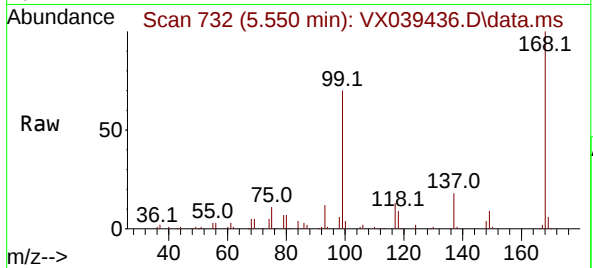




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

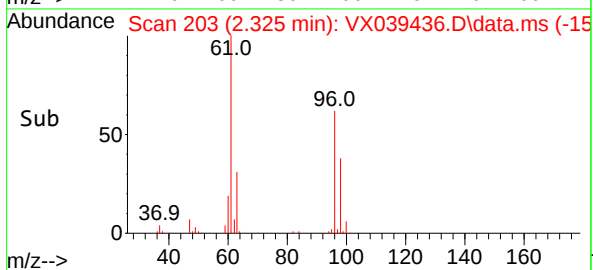
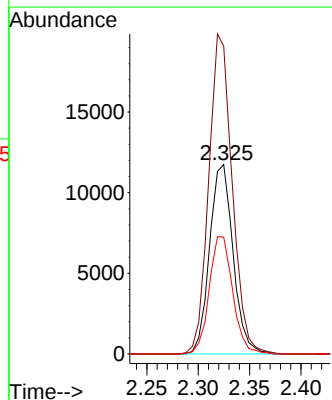
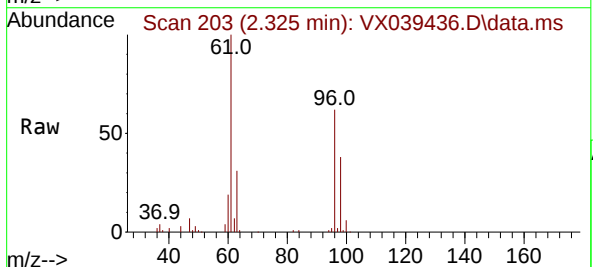
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-04A-440-460-122123

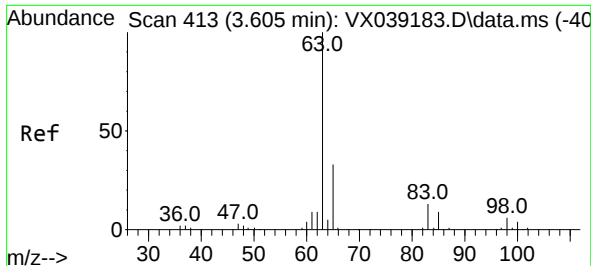
Tgt Ion:168 Resp: 104383
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 13.915 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

Tgt Ion: 96 Resp: 18678
Ion Ratio Lower Upper
96 100
61 162.5 144.6 216.8
98 61.6 50.4 75.6

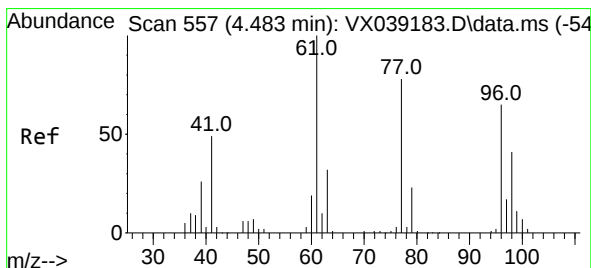
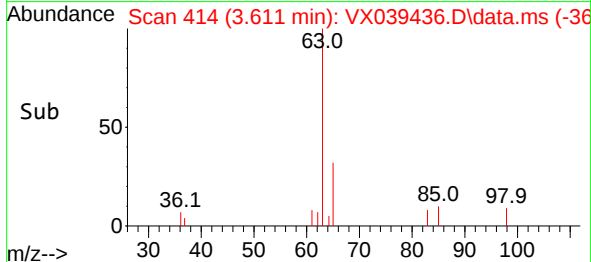
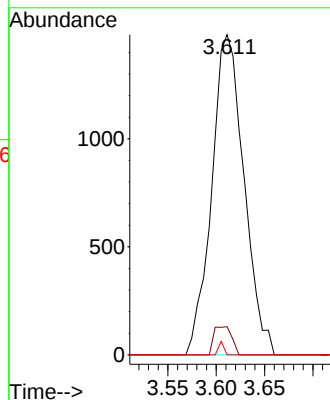
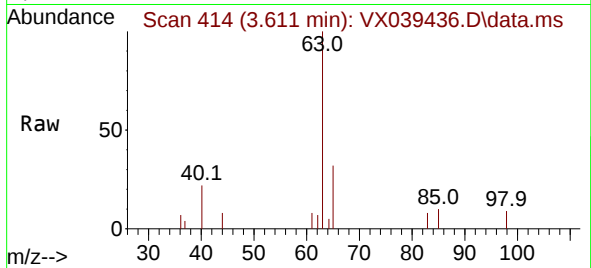




#24
1,1-Dichloroethane
Concen: 1.228 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

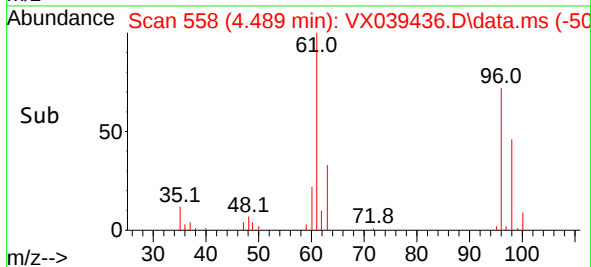
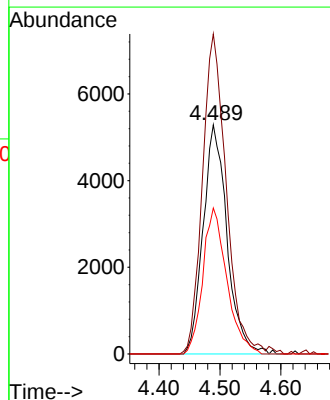
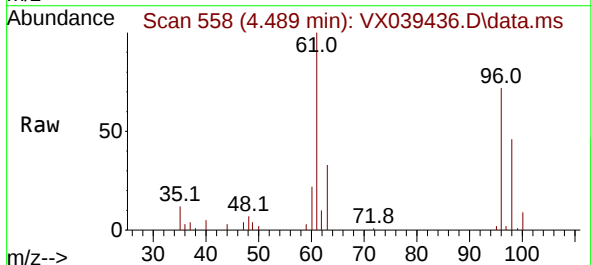
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-04A-440-460-122123

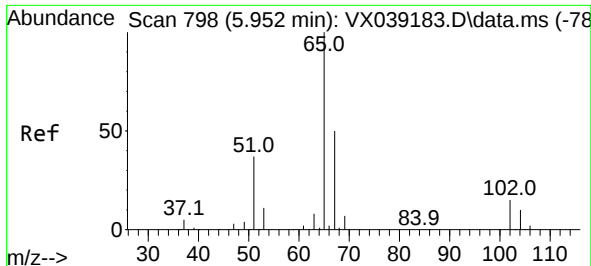
Tgt Ion: 63 Resp: 3435
Ion Ratio Lower Upper
63 100
98 8.8 3.3 9.8
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 8.948 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

Tgt Ion: 96 Resp: 14426
Ion Ratio Lower Upper
96 100
61 138.5 0.0 312.2
98 63.8 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 49.234 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039436.D

Acq: 22 Dec 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

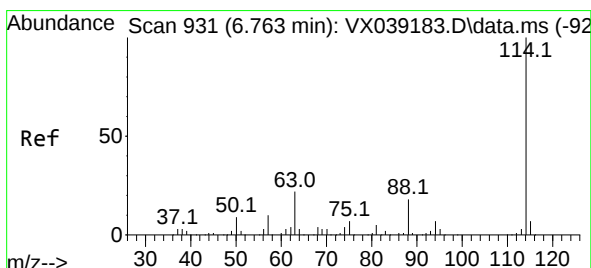
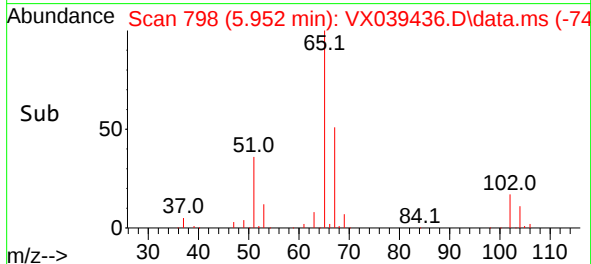
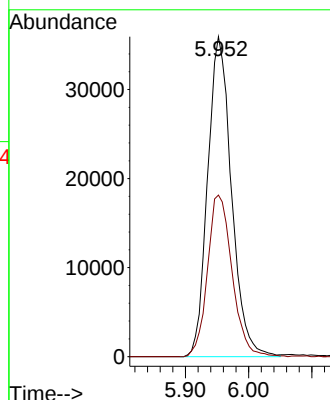
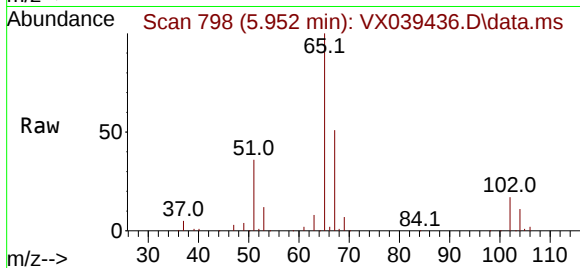
GWOW-BR-04A-440-460-122123

Tgt Ion: 65 Resp: 94146

Ion Ratio Lower Upper

65 100

67 52.1 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: VX039436.D

Acq: 22 Dec 2023 13:47

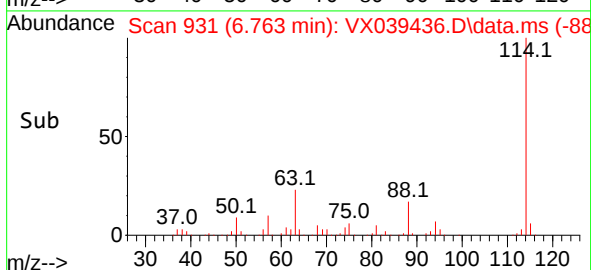
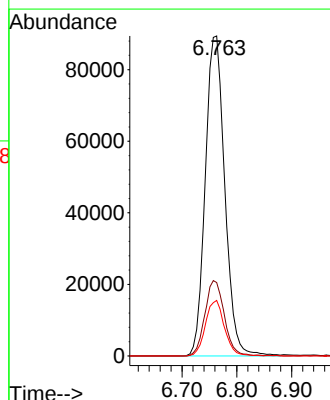
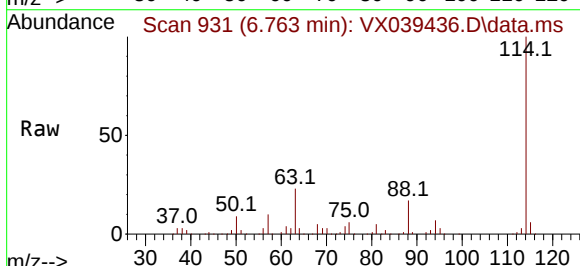
Tgt Ion: 114 Resp: 220985

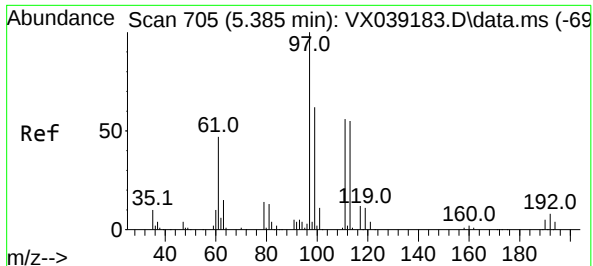
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.175 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039436.D

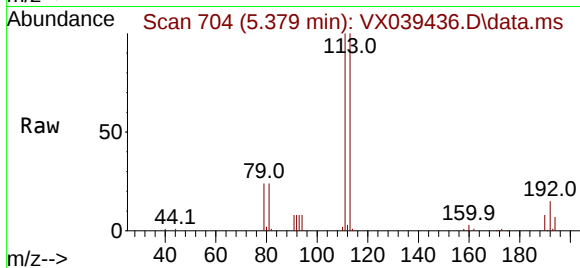
Acq: 22 Dec 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-04A-440-460-122123



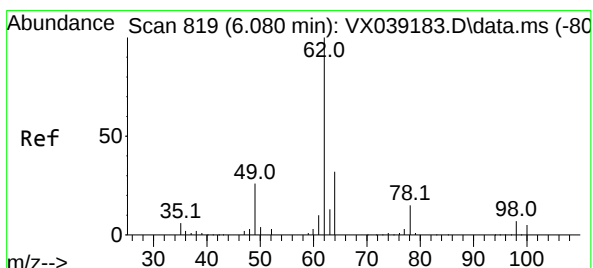
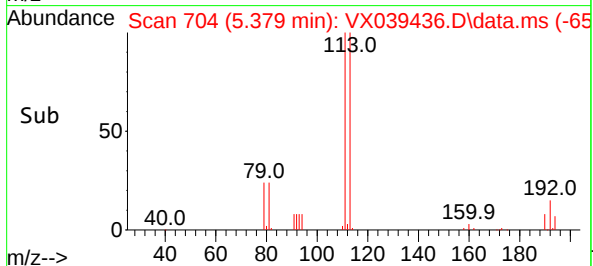
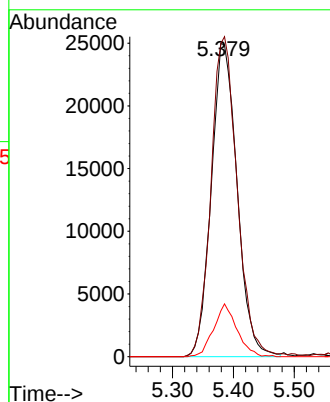
Tgt Ion:113 Resp: 73548

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 15.3 13.3 19.9



#42

1,2-Dichloroethane

Concen: 1.024 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.013 min

Lab File: VX039436.D

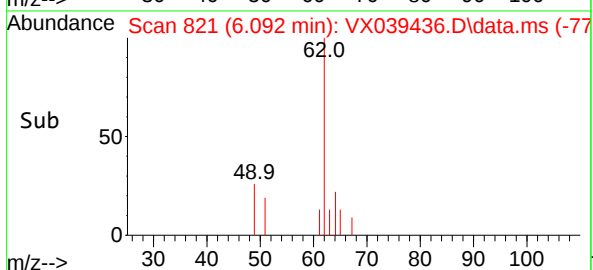
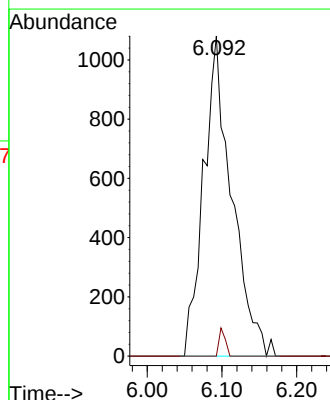
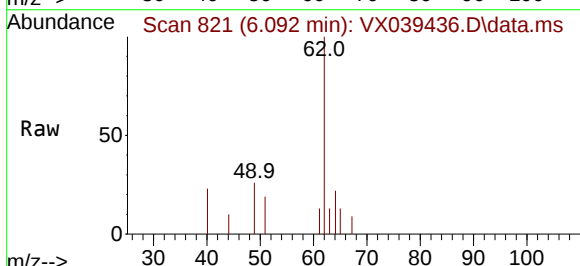
Acq: 22 Dec 2023 13:47

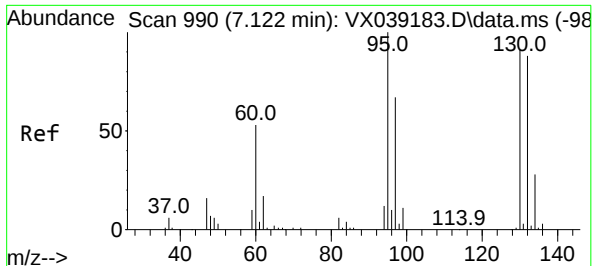
Tgt Ion: 62 Resp: 2826

Ion Ratio Lower Upper

62 100

98 1.9 0.0 16.0

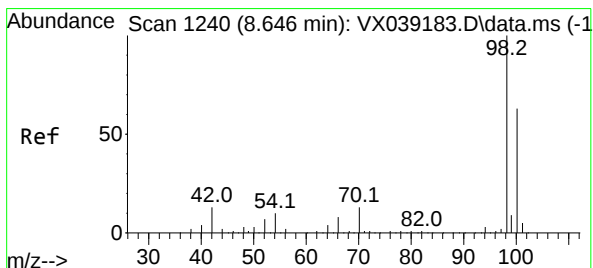
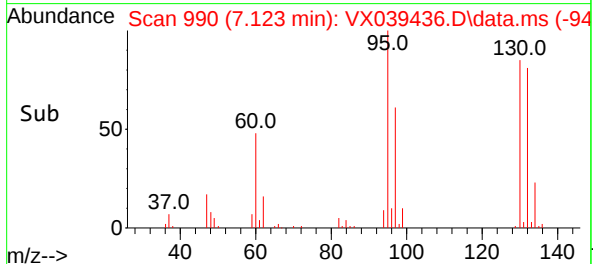
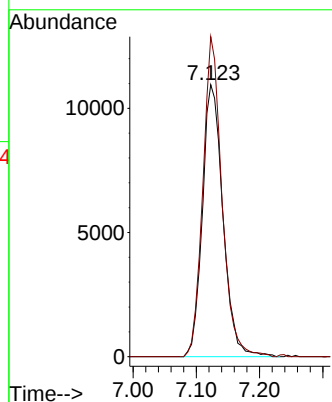
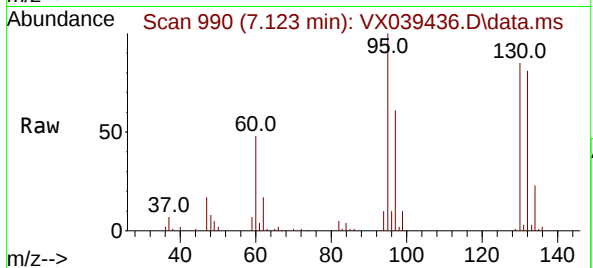




#44
Trichloroethene
Concen: 14.405 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

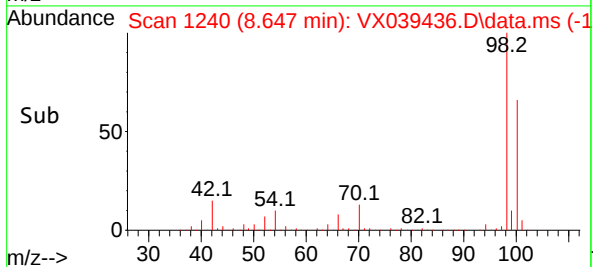
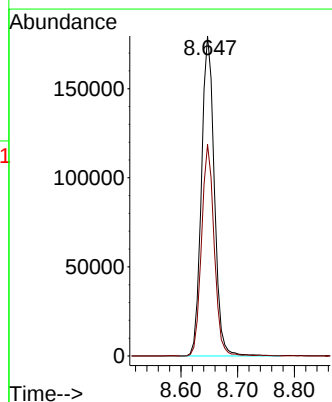
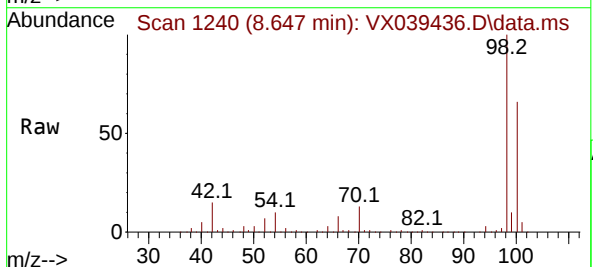
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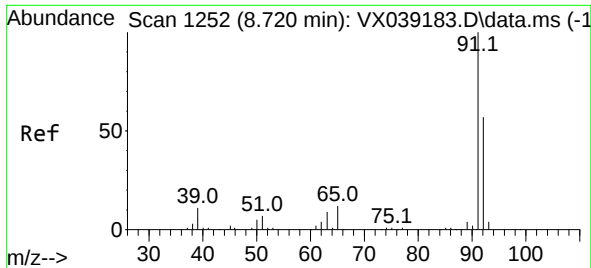
Tgt Ion:130 Resp: 24773
Ion Ratio Lower Upper
130 100
95 117.6 0.0 204.4



#50
Toluene-d8
Concen: 49.955 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

Tgt Ion: 98 Resp: 283137
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

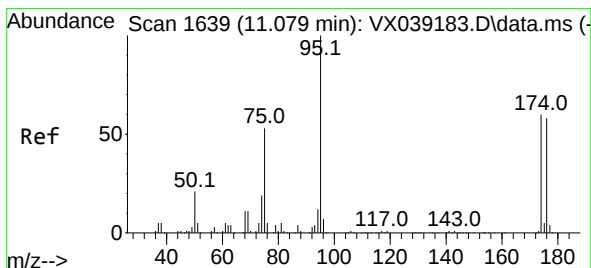
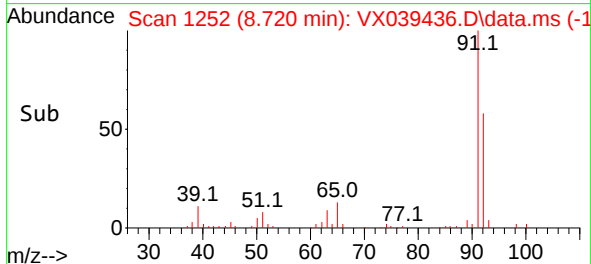
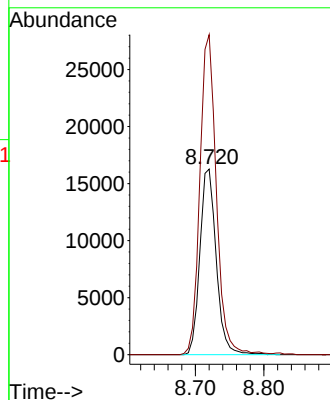
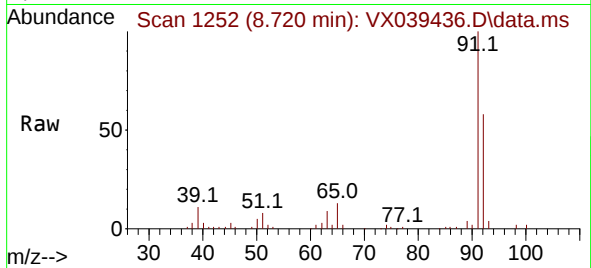




#52
Toluene
Concen: 6.584 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

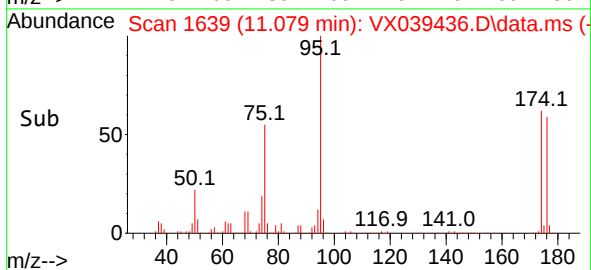
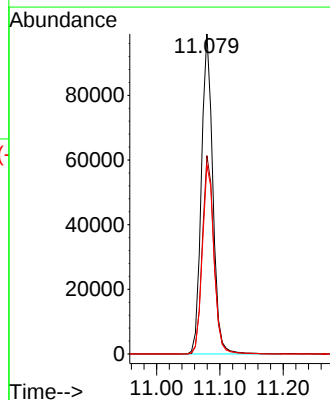
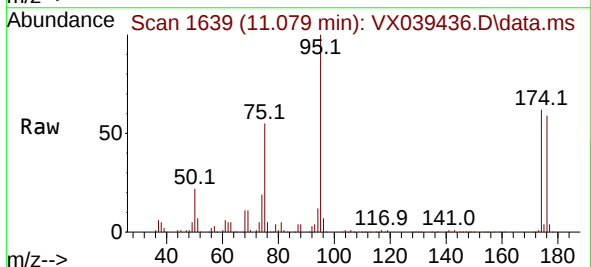
Instrument : MSVOA_X
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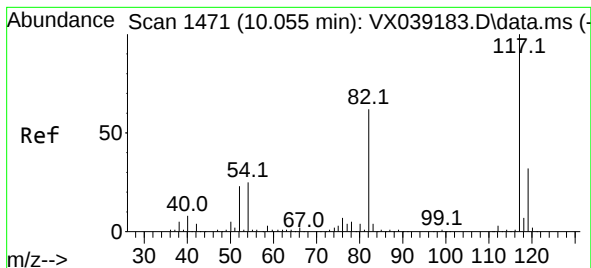
Tgt Ion: 92 Resp: 27081
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039436.D
Acq: 22 Dec 2023 13:47

Tgt Ion: 95 Resp: 124496
Ion Ratio Lower Upper
95 100
174 62.7 0.0 135.6
176 60.5 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: VX039436.D

Acq: 22 Dec 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

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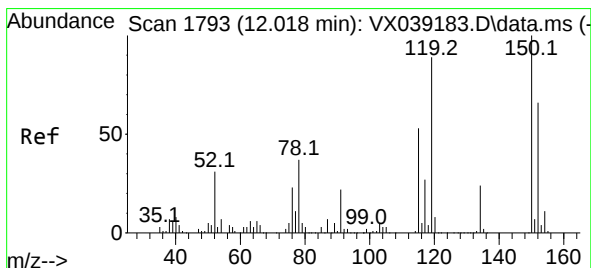
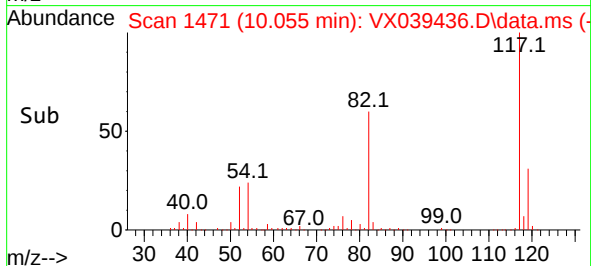
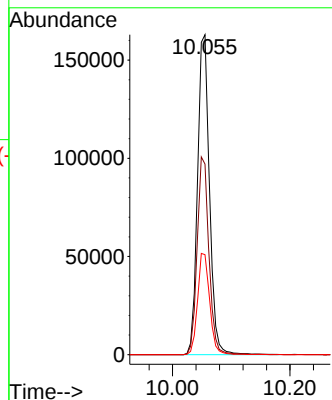
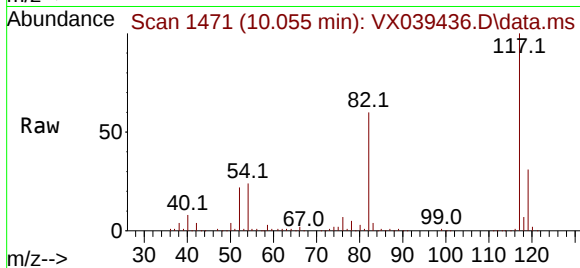
Tgt Ion:117 Resp: 229404

Ion Ratio Lower Upper

117 100

82 59.6 46.2 69.4

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039436.D

Acq: 22 Dec 2023 13:47

Tgt Ion:152 Resp: 111738

Ion Ratio Lower Upper

152 100

115 68.1 43.3 129.9

150 155.0 0.0 345.0

