

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038408.D
 Acq On : 20 Oct 2023 17:26
 Operator : JC/MD
 Sample : 04986-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-252-272-101923

Quant Time: Oct 21 01:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

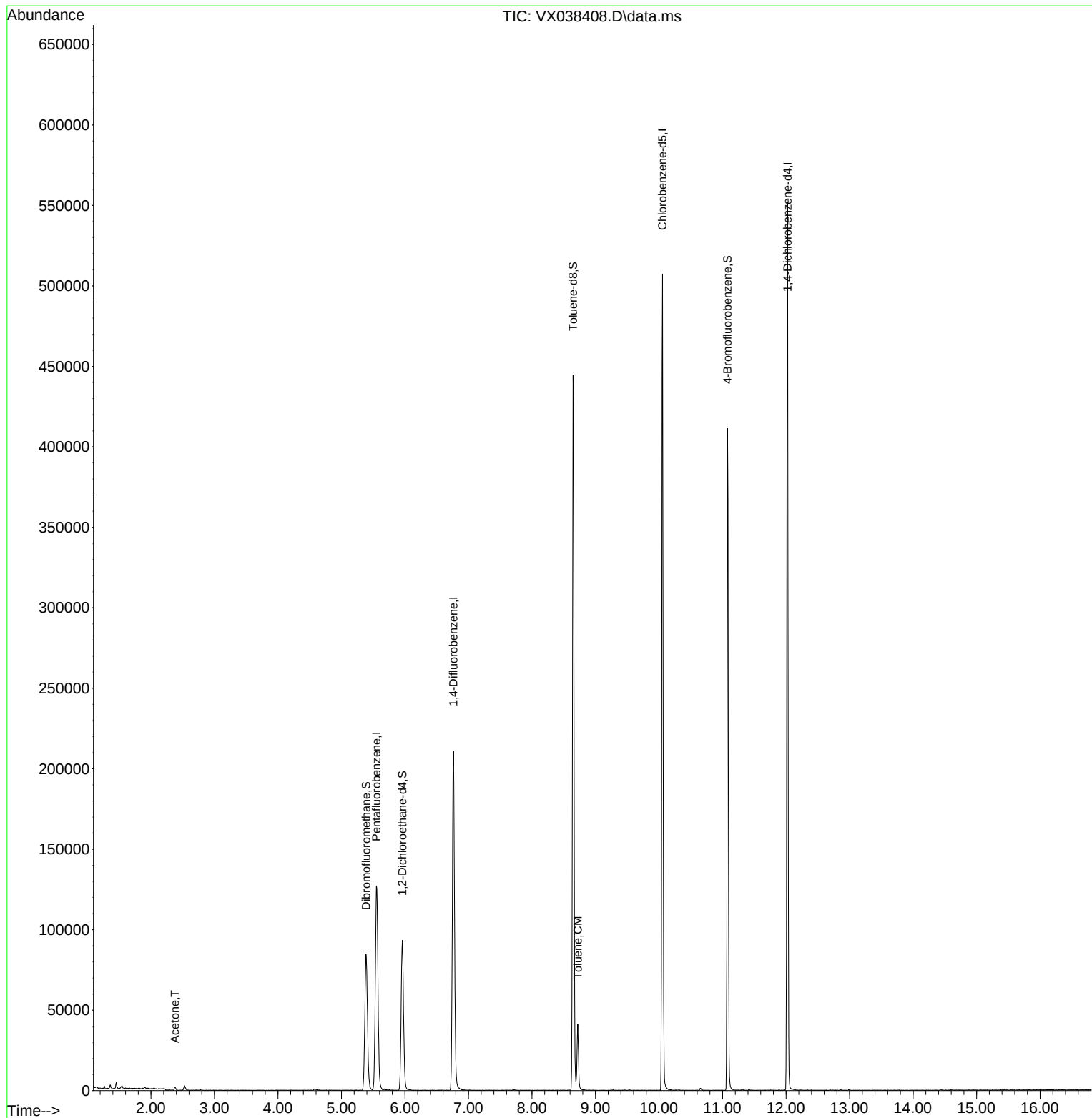
Internal Standards						
1) Pentafluorobenzene	5.550	168	121515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87962	45.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.020%
35) Dibromofluoromethane	5.385	113	72098	45.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	273685	45.587	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.079	95	103922	45.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2183	2.676	ug/l	91
52) Toluene	8.720	92	14973	3.793	ug/l	93

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

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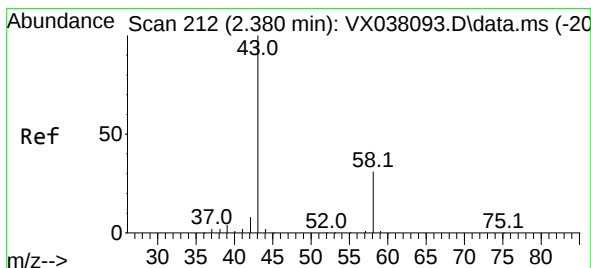
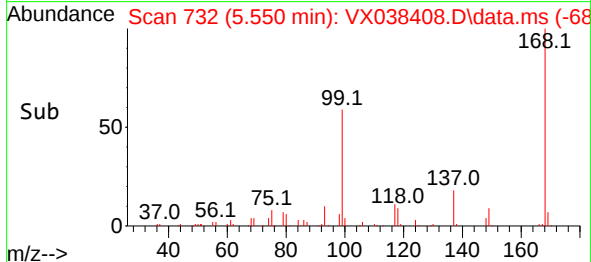
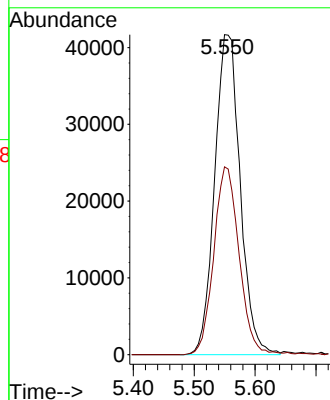
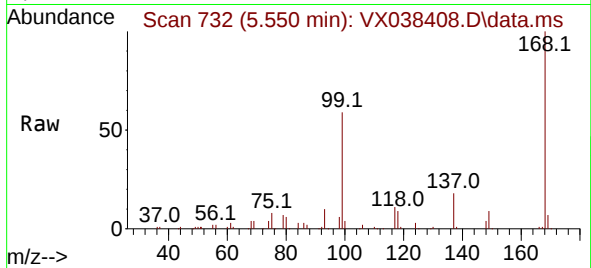




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

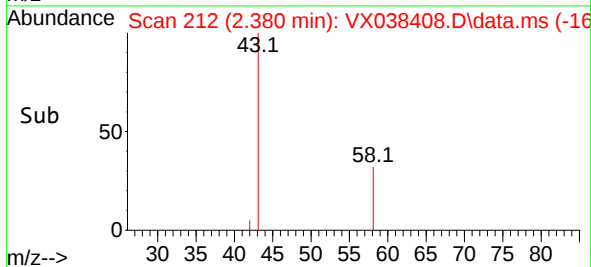
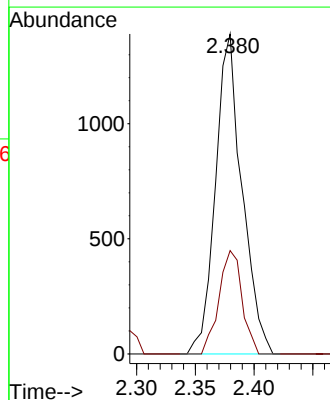
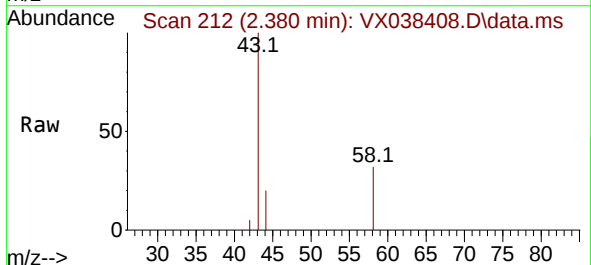
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-252-272-101923

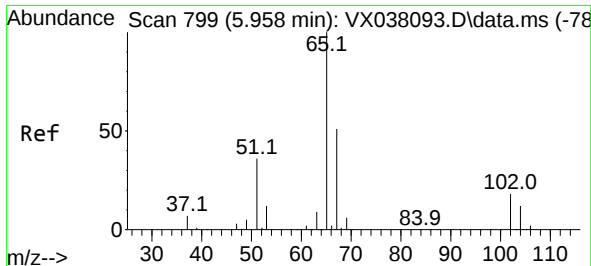
Tgt Ion:168 Resp: 121515
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#16
Acetone
Concen: 2.676 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 45.005 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

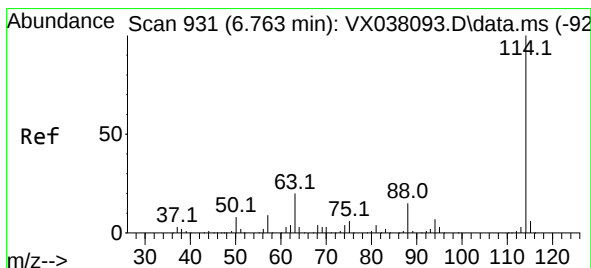
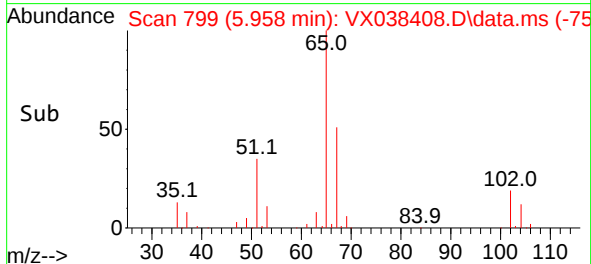
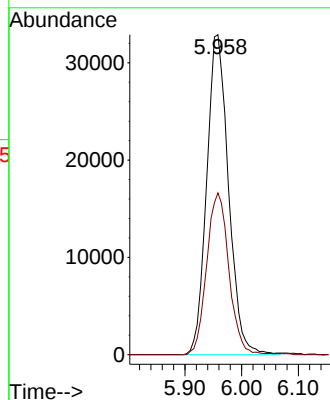
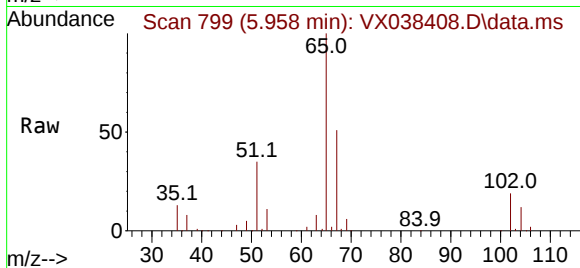
GWOW-BR-06-252-272-101923

Tgt Ion: 65 Resp: 87962

Ion Ratio Lower Upper

65 100

67 51.5 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: VX038408.D

Acq: 20 Oct 2023 17:26

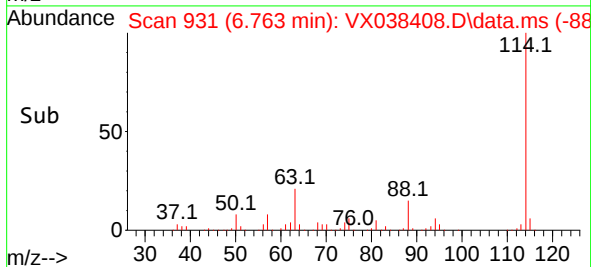
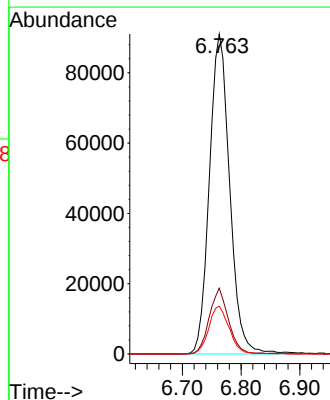
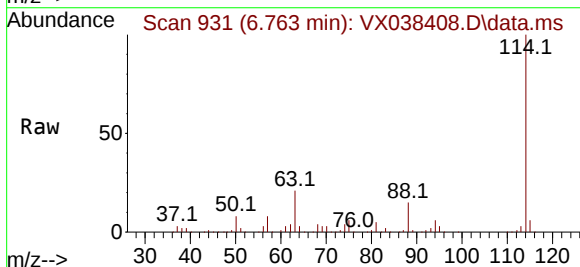
Tgt Ion: 114 Resp: 218038

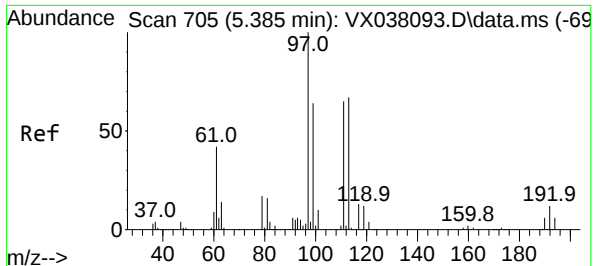
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.890 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.000 min

Lab File: VX038408.D

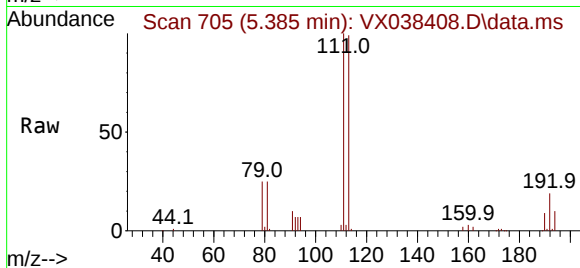
Acq: 20 Oct 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-06-252-272-101923



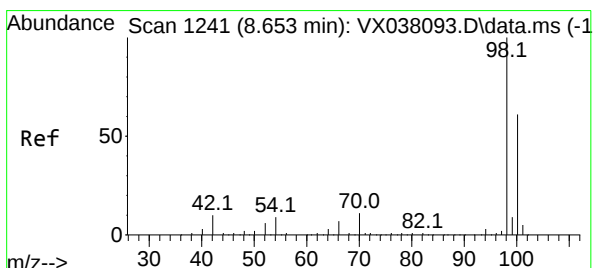
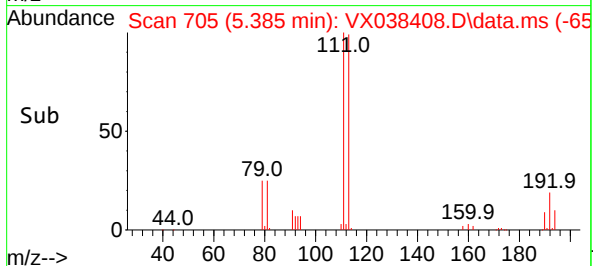
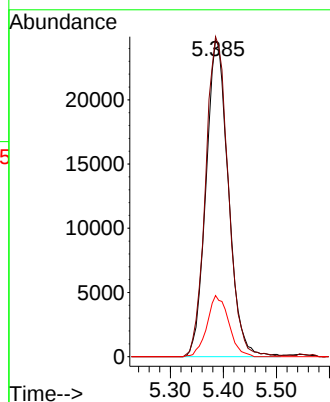
Tgt Ion:113 Resp: 72098

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.8 13.3 19.9



#50

Toluene-d8

Concen: 45.587 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038408.D

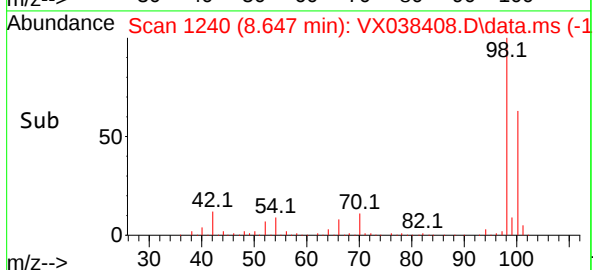
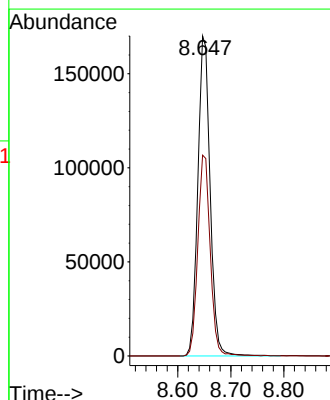
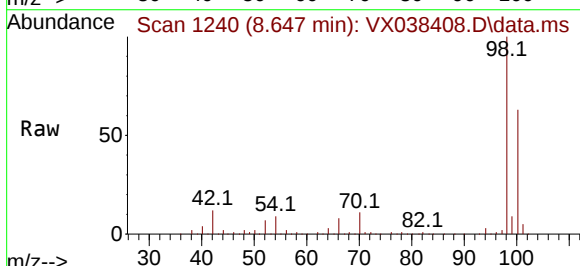
Acq: 20 Oct 2023 17:26

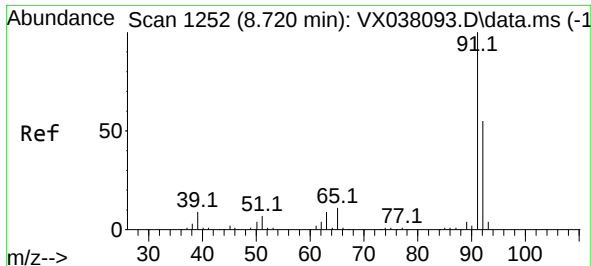
Tgt Ion: 98 Resp: 273685

Ion Ratio Lower Upper

98 100

100 63.4 53.1 79.7

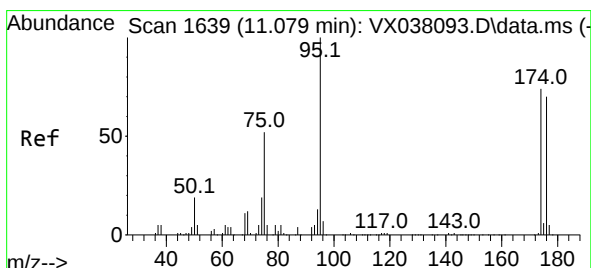
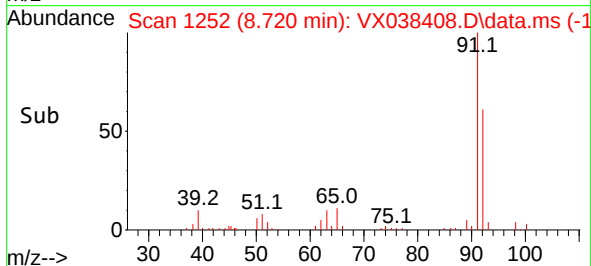
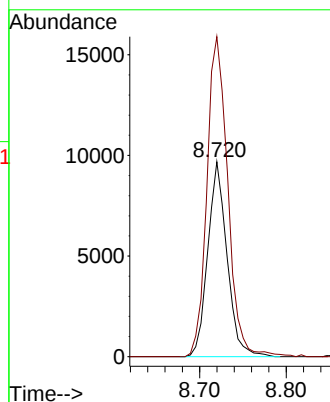
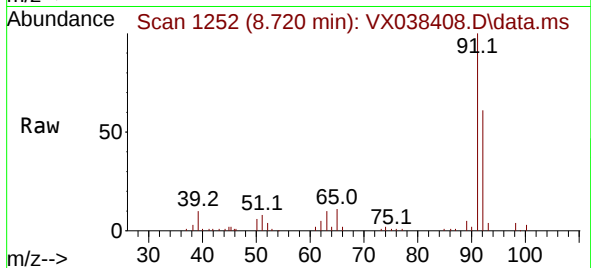




#52
Toluene
Concen: 3.793 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

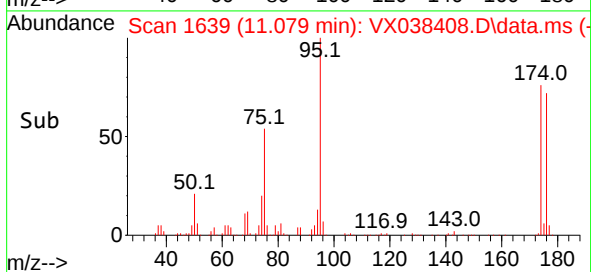
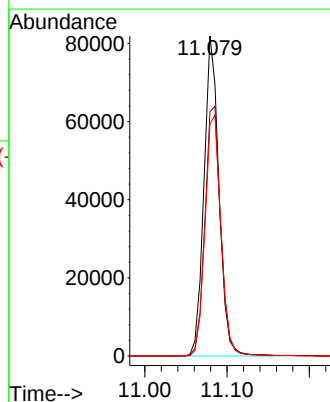
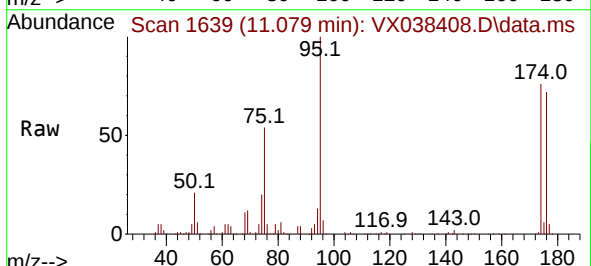
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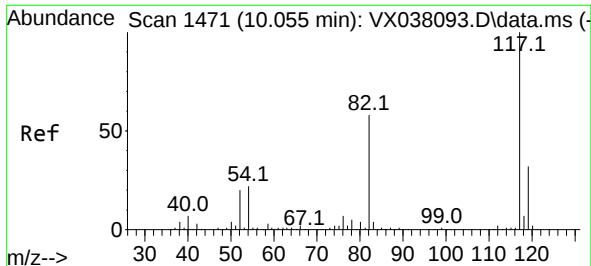
Tgt Ion: 92 Resp: 14973
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 95 Resp: 103922
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.9 0.0 131.0

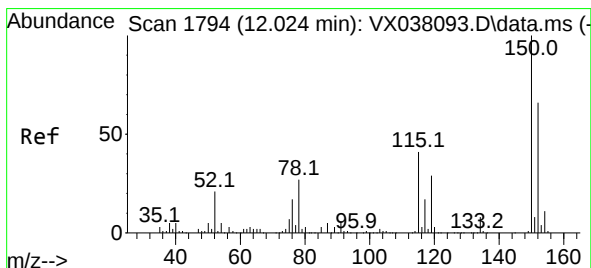
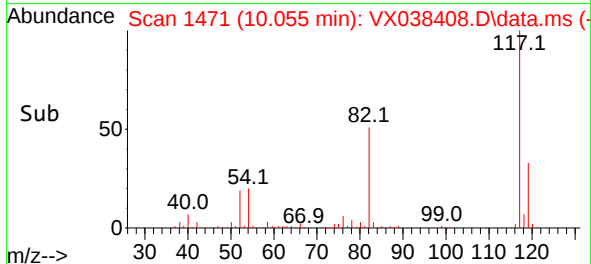
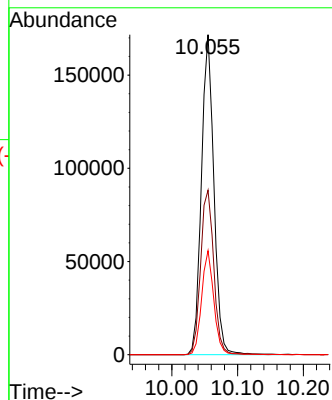
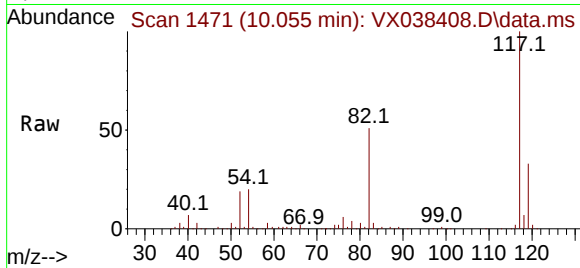




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-252-272-101923

Tgt Ion:117 Resp: 227314
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.5 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: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion:152 Resp: 116963
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 155.3 0.0 345.0

