

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040338.D
 Acq On : 19 Feb 2024 18:07
 Operator : JC/MD
 Sample : P1440-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-3

Quant Time: Feb 20 01:19:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

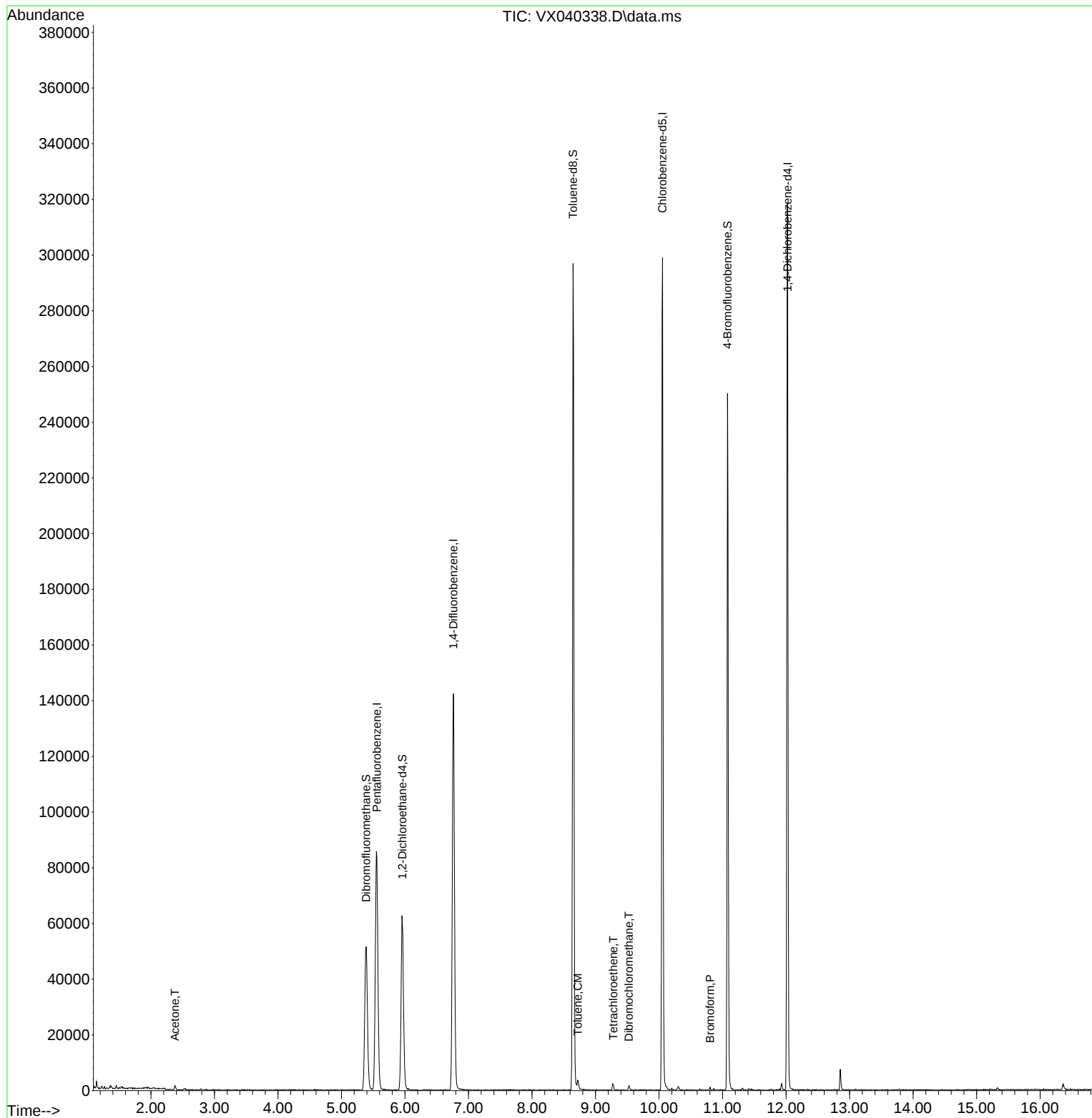
Internal Standards						
1) Pentafluorobenzene	5.556	168	77693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59906	51.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.660%
35) Dibromofluoromethane	5.385	113	45719	47.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	169277	46.974	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.940%
62) 4-Bromofluorobenzene	11.079	95	64404	43.822	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.640%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1440	3.033	ug/l #	88
52) Toluene	8.720	92	1252	0.506	ug/l	92
60) Dibromochloromethane	9.525	129	427	0.398	ug/l	79
64) Tetrachloroethene	9.281	164	359	0.390	ug/l #	63
71) Bromoform	10.805	173	372	2.470	ug/l #	98

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

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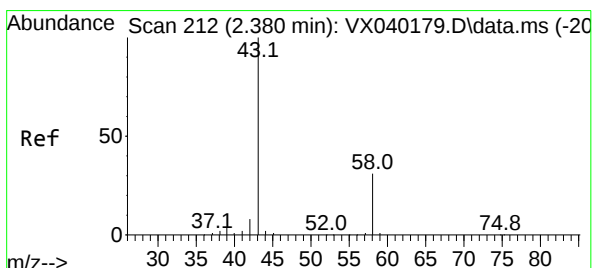
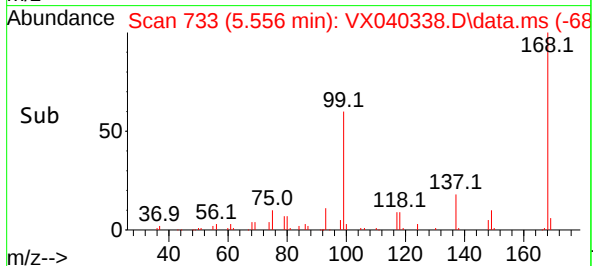
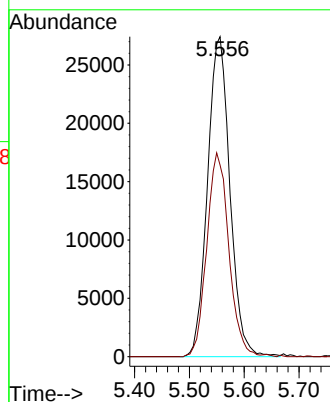
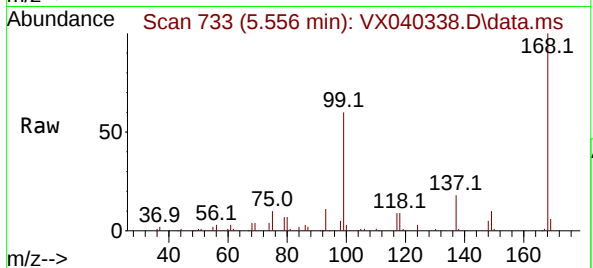




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

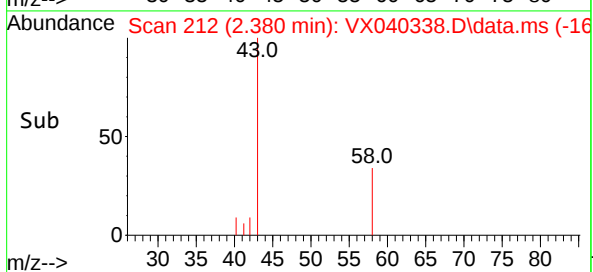
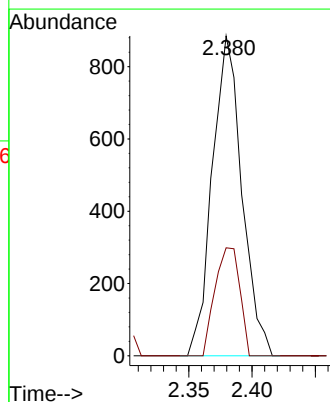
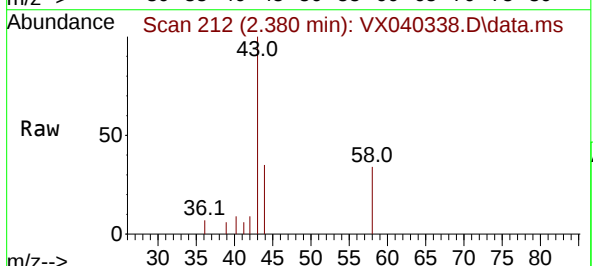
Instrument :
MSVOA_X
ClientSampleId :
TW-3

Tgt Ion:168 Resp: 77693
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#16
Acetone
Concen: 3.033 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 51.829 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040338.D

Acq: 19 Feb 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

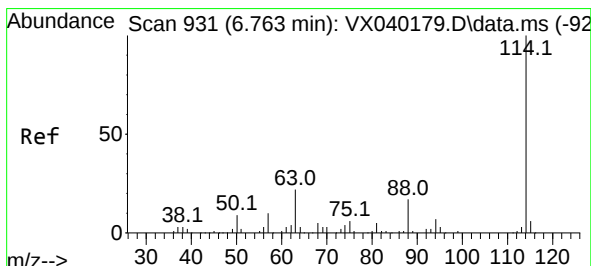
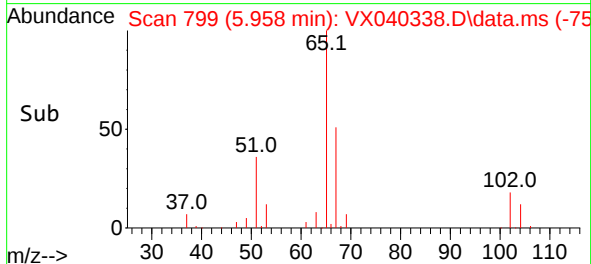
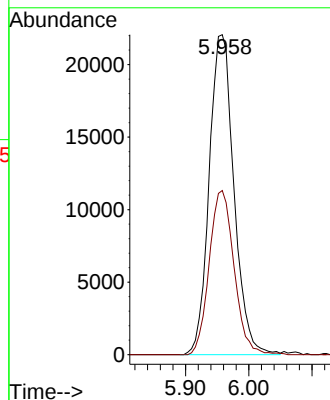
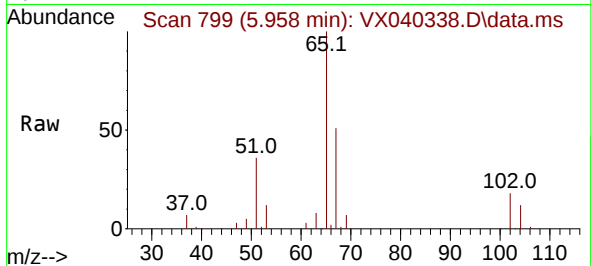
TW-3

Tgt Ion: 65 Resp: 59906

Ion Ratio Lower Upper

65 100

67 51.6 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: VX040338.D

Acq: 19 Feb 2024 18:07

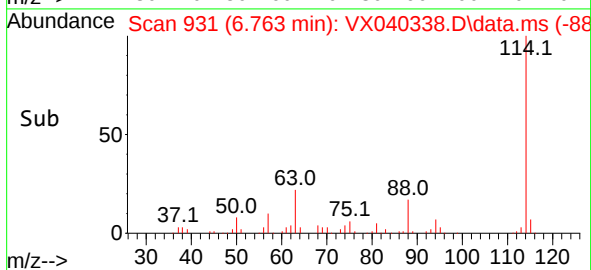
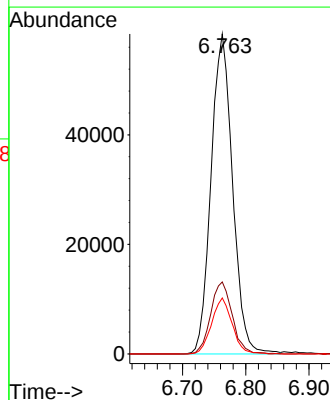
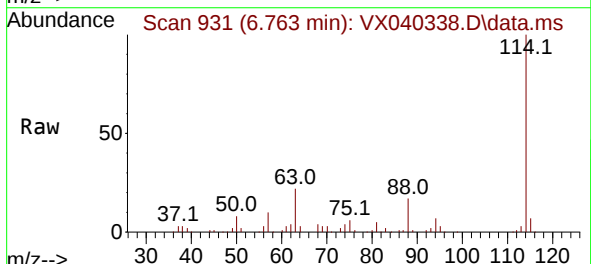
Tgt Ion: 114 Resp: 137947

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 17.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040338.D

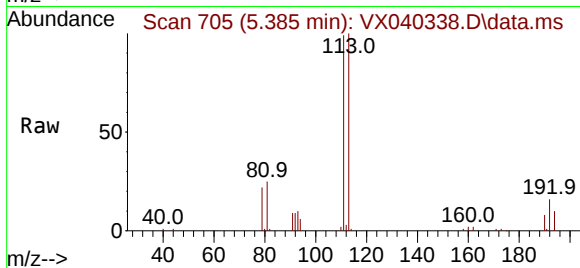
Acq: 19 Feb 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

TW-3



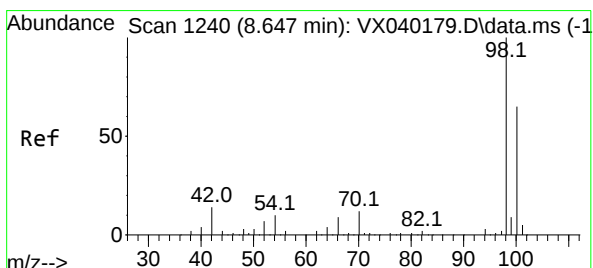
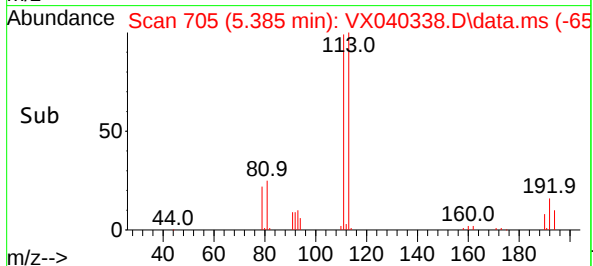
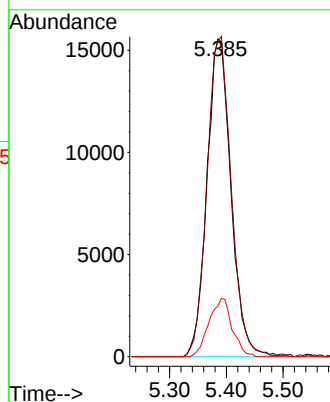
Tgt Ion:113 Resp: 45719

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 17.7 13.3 19.9



#50

Toluene-d8

Concen: 46.974 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040338.D

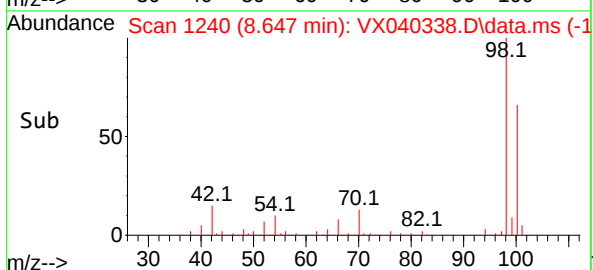
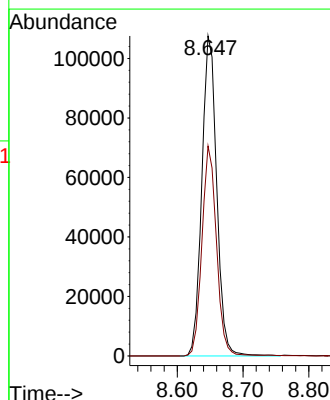
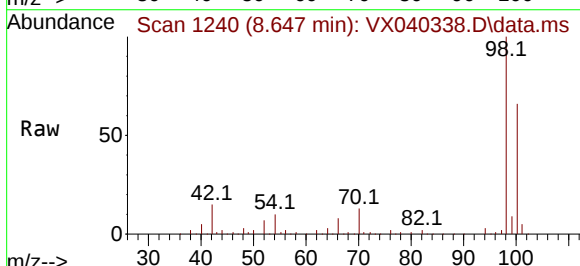
Acq: 19 Feb 2024 18:07

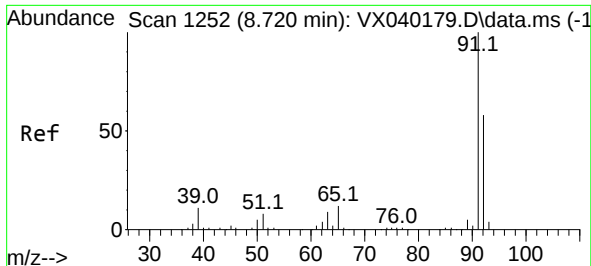
Tgt Ion: 98 Resp: 169277

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7

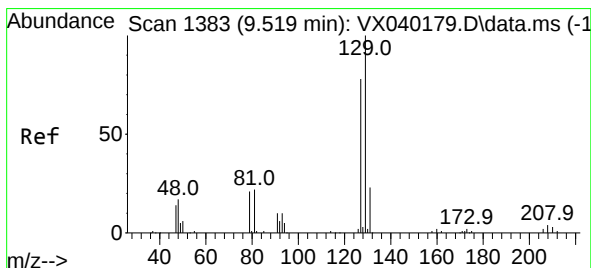
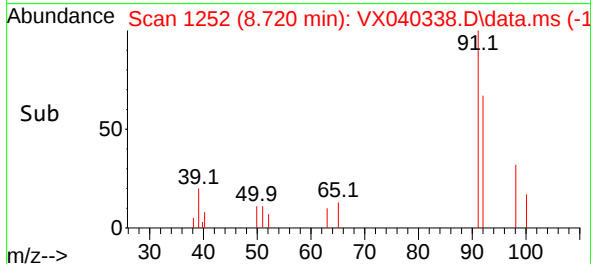
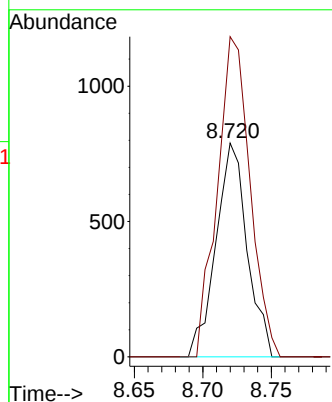
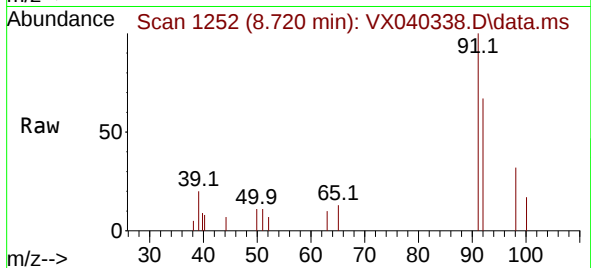




#52
Toluene
Concen: 0.506 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

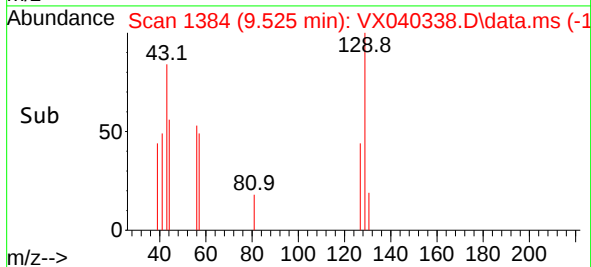
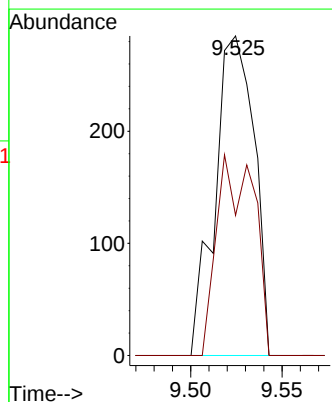
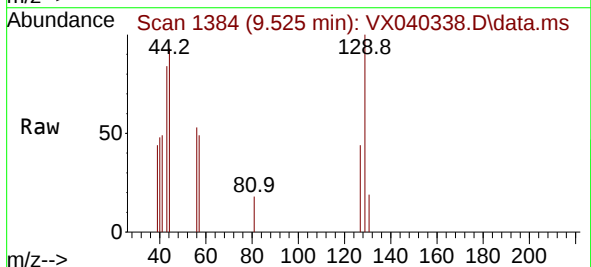
Instrument :
MSVOA_X
ClientSampleId :
TW-3

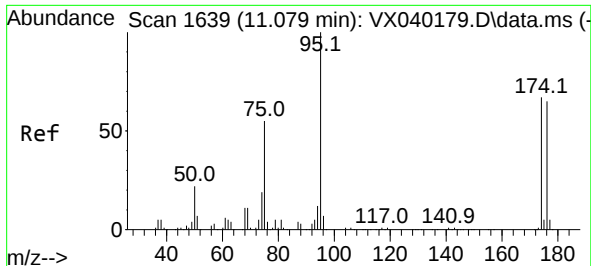
Tgt Ion: 92 Resp: 1252
Ion Ratio Lower Upper
92 100
91 157.1 134.2 201.2



#60
Dibromochloromethane
Concen: 0.398 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

Tgt Ion: 129 Resp: 427
Ion Ratio Lower Upper
129 100
127 59.7 38.8 116.4





#62

4-Bromofluorobenzene

Concen: 43.822 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040338.D

Acq: 19 Feb 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

TW-3

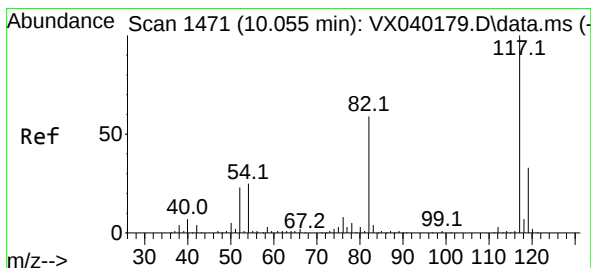
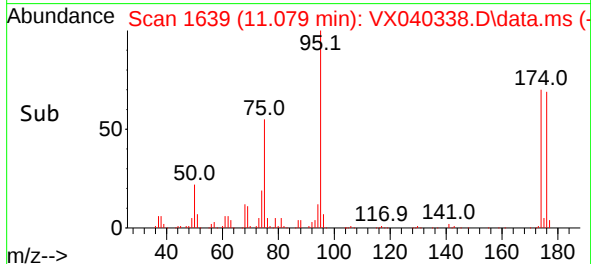
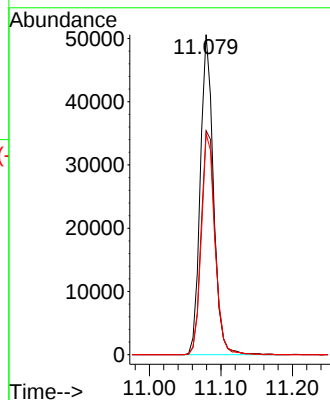
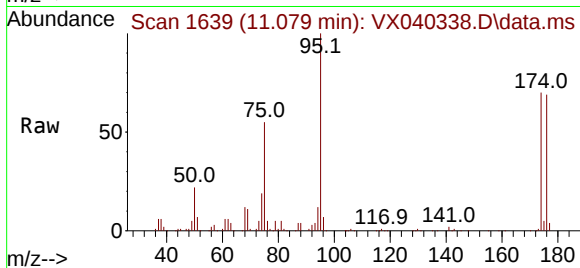
Tgt Ion: 95 Resp: 64404

Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 71.7 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: VX040338.D

Acq: 19 Feb 2024 18:07

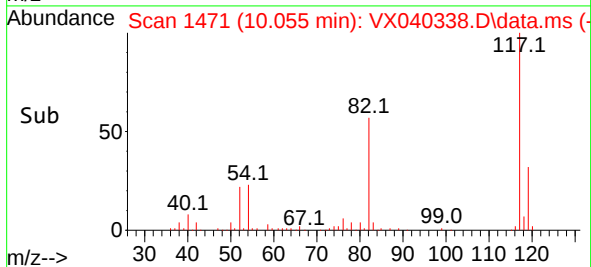
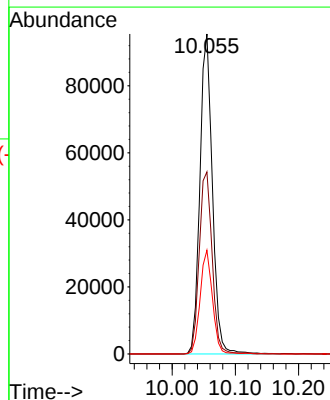
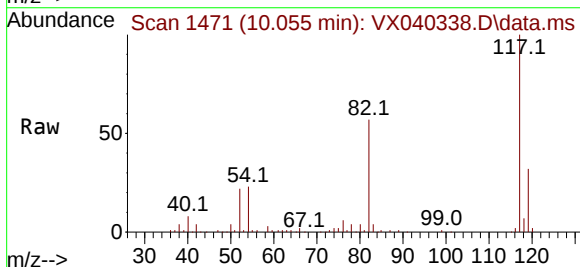
Tgt Ion: 117 Resp: 131272

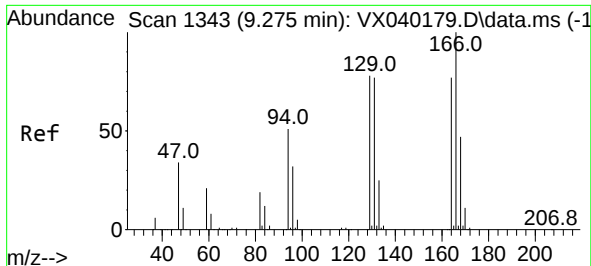
Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 32.4 25.5 38.3

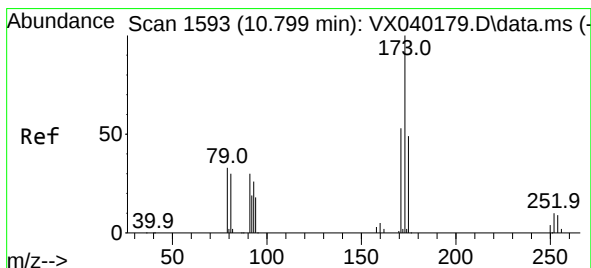
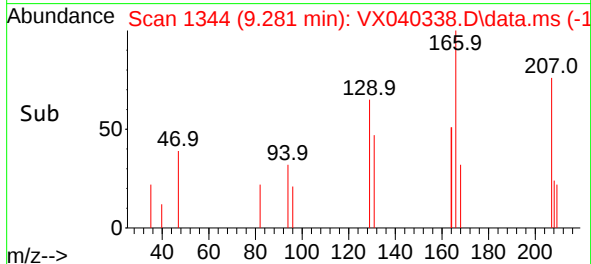
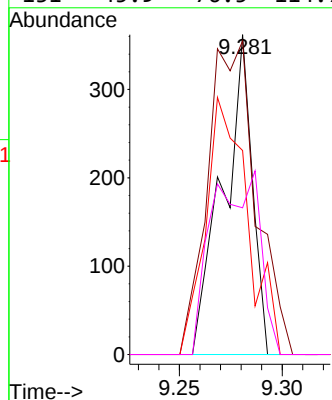
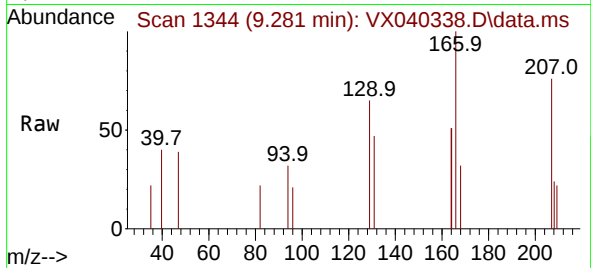




#64
Tetrachloroethene
Concen: 0.390 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

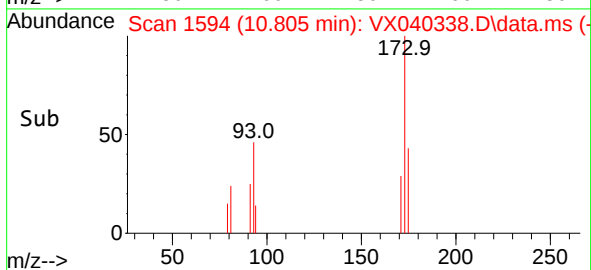
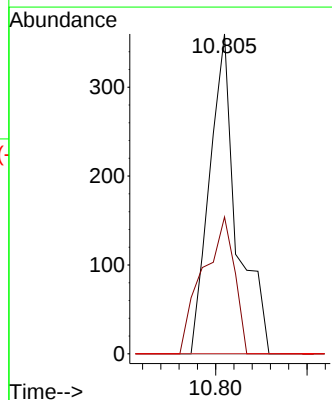
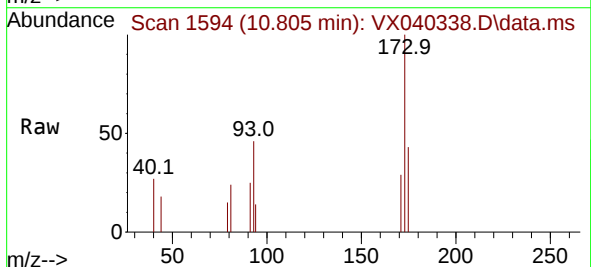
Instrument :
MSVOA_X
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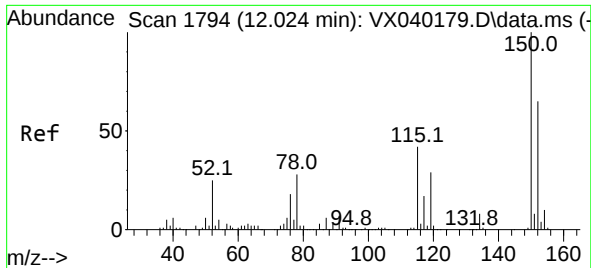
Tgt Ion:164 Resp: 359
Ion Ratio Lower Upper
164 100
166 98.1 102.7 154.1#
129 63.8 80.4 120.6#
131 45.9 76.5 114.7#



#71
Bromoform
Concen: 2.470 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX040338.D
Acq: 19 Feb 2024 18:07

Tgt Ion:173 Resp: 372
Ion Ratio Lower Upper
173 100
175 49.7 24.1 72.4
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040338.D

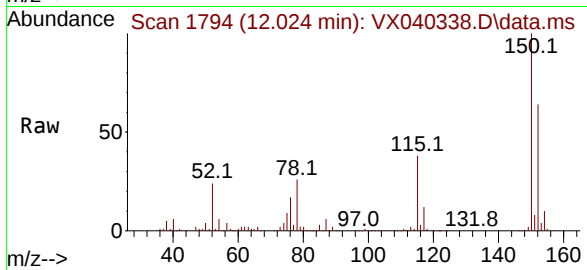
Acq: 19 Feb 2024 18:07

Instrument :

MSVOA_X

ClientSampleId :

TW-3



Tgt Ion:152 Resp: 65274

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 156.7 0.0 345.0

