

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040340.D
 Acq On : 19 Feb 2024 18:53
 Operator : JC/MD
 Sample : P1440-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Feb 20 01:20:45 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)

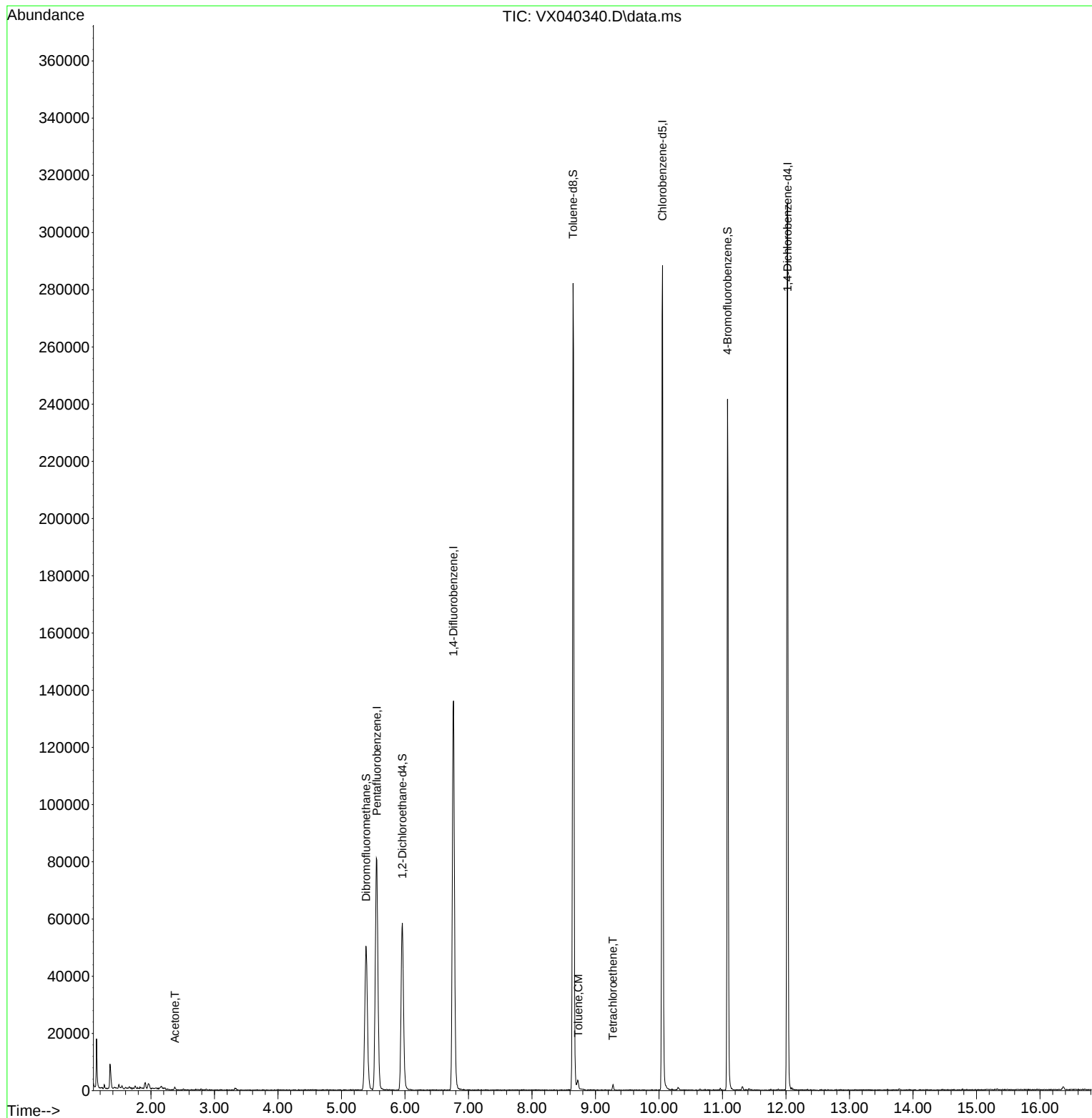
Internal Standards						
1) Pentafluorobenzene	5.556	168	73500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57779	52.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.680%
35) Dibromofluoromethane	5.385	113	42667	45.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	162945	46.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.300%
62) 4-Bromofluorobenzene	11.079	95	61998	43.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.040%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	906	2.017	ug/l #	70
52) Toluene	8.726	92	1337	0.558	ug/l	80
64) Tetrachloroethene	9.275	164	318	0.354	ug/l #	77

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

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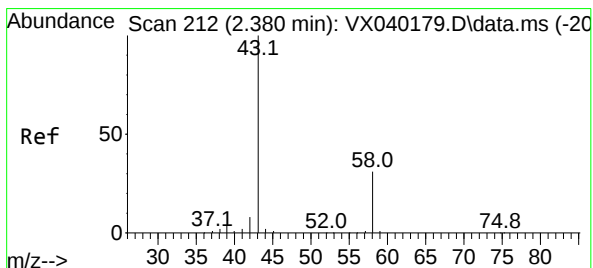
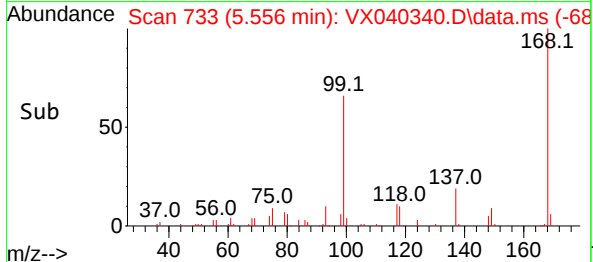
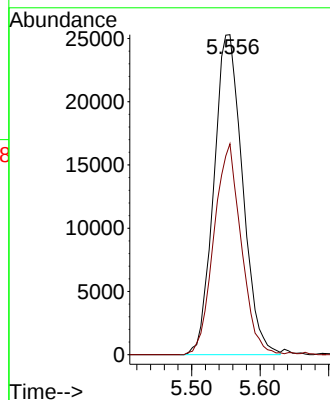
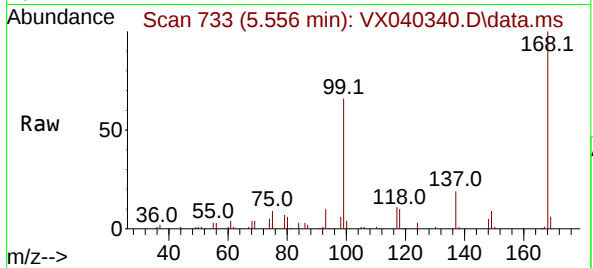




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

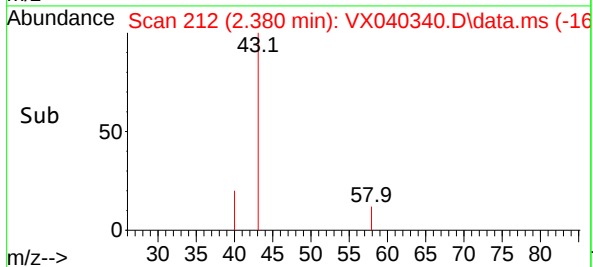
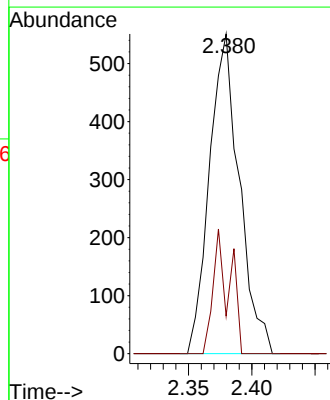
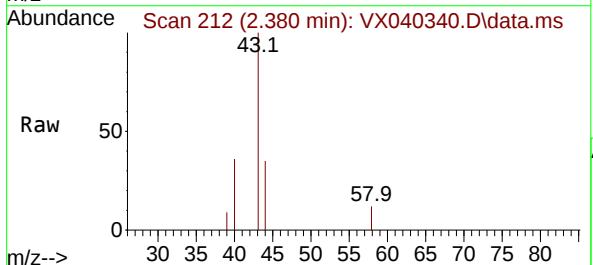
Instrument :
MSVOA_X
ClientSampleId :
TW-1

Tgt Ion:168 Resp: 73500
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#16
Acetone
Concen: 2.017 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 11.8 21.9 32.9

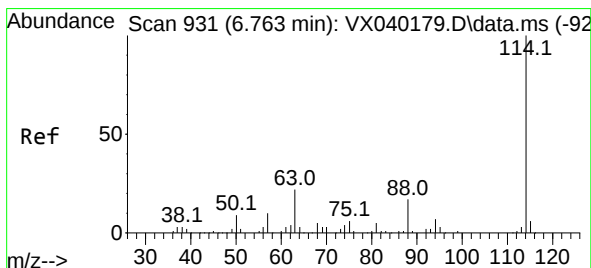
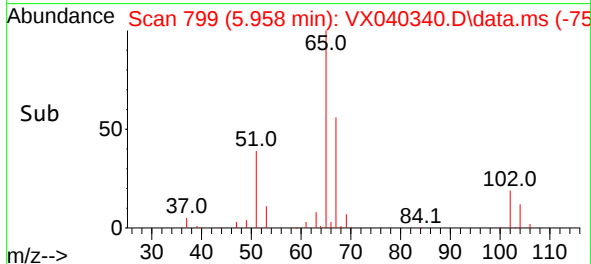
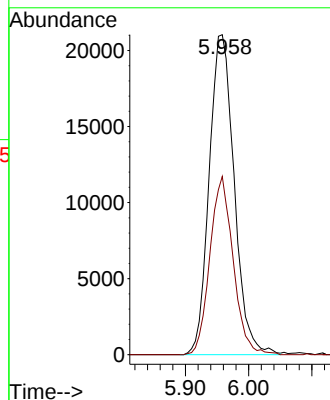
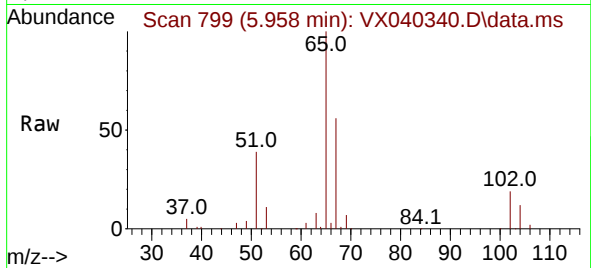




#33
 1,2-Dichloroethane-d4
 Concen: 52.840 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040340.D
 Acq: 19 Feb 2024 18:53

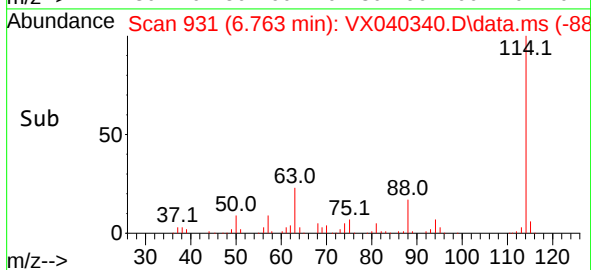
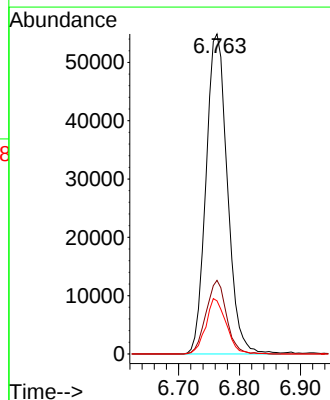
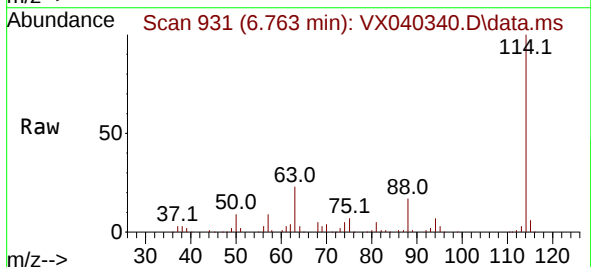
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Tgt Ion: 65 Resp: 57779
 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# 931
 Delta R.T. 0.000 min
 Lab File: VX040340.D
 Acq: 19 Feb 2024 18:53

Tgt Ion: 114 Resp: 133720
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.6 0.0 36.6

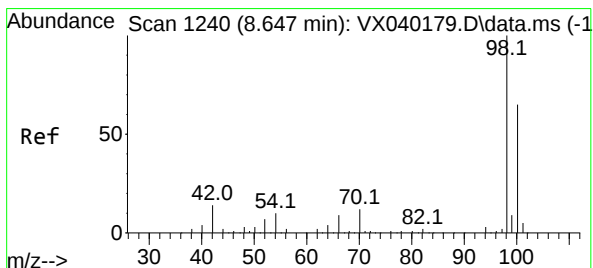
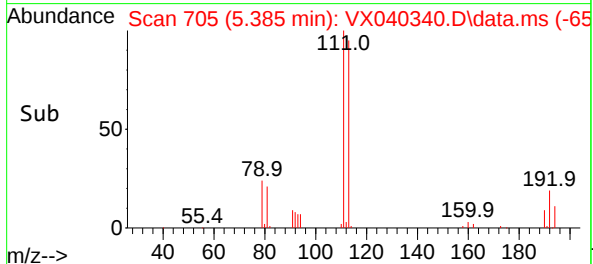
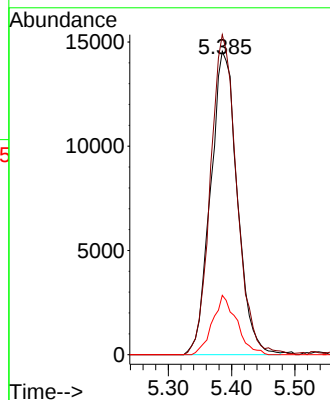
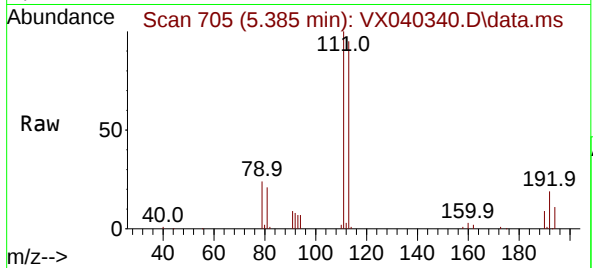




#35
Dibromofluoromethane
Concen: 45.690 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

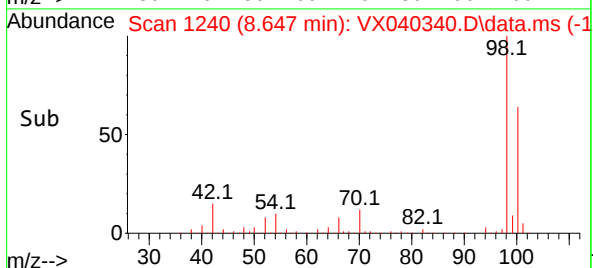
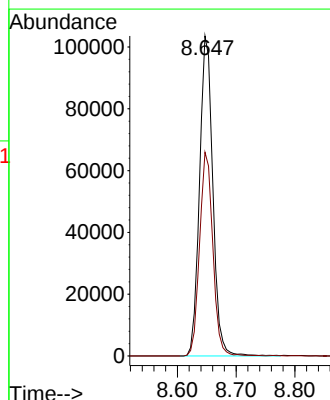
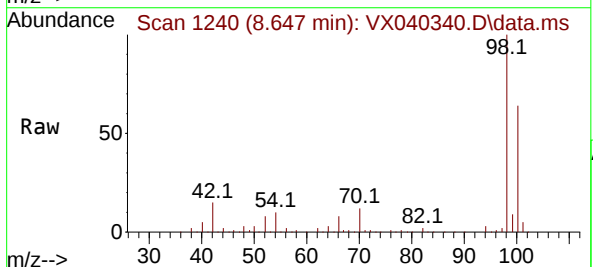
Instrument :
MSVOA_X
ClientSampleId :
TW-1

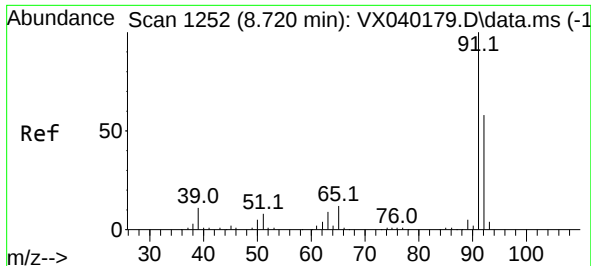
Tgt Ion:113 Resp: 42667
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.8 13.3 19.9



#50
Toluene-d8
Concen: 46.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 98 Resp: 162945
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

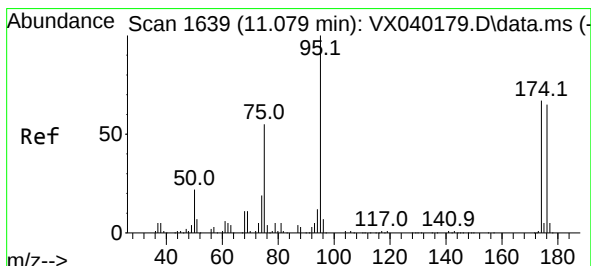
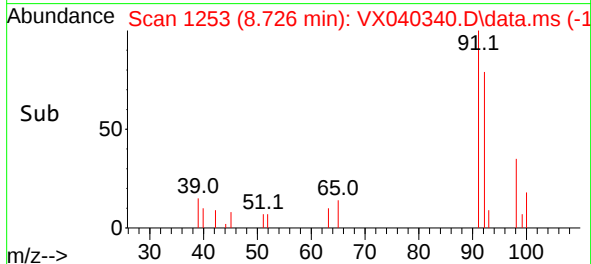
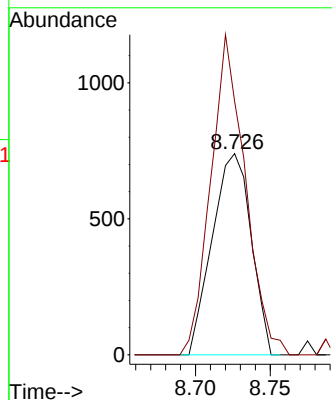
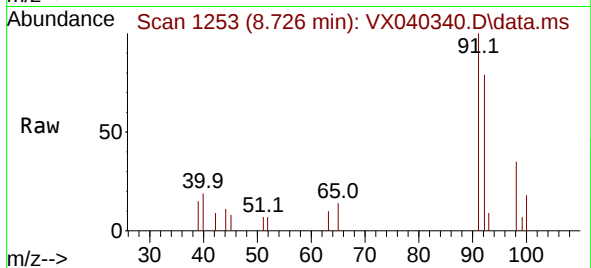




#52
Toluene
Concen: 0.558 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

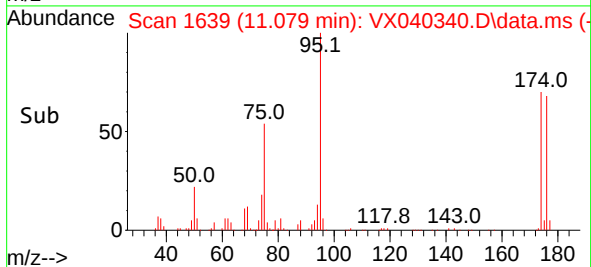
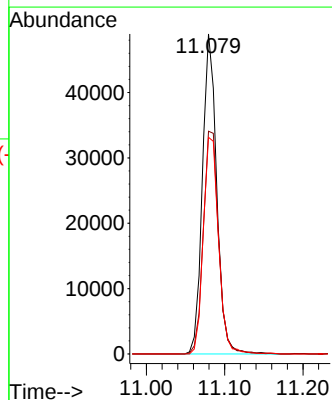
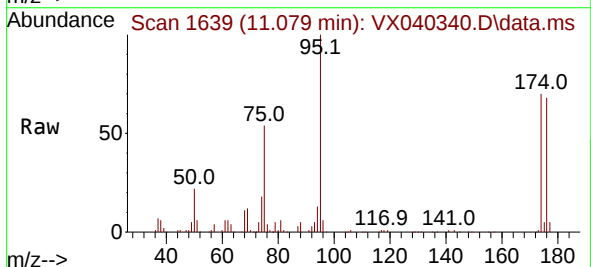
Instrument :
MSVOA_X
ClientSampleId :
TW-1

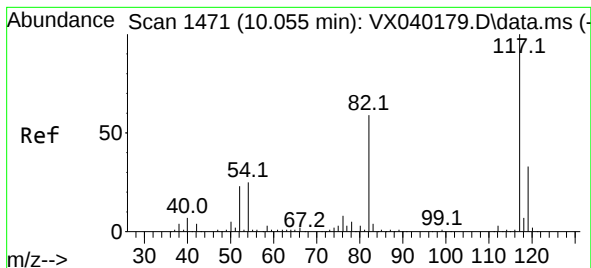
Tgt Ion: 92 Resp: 1337
Ion Ratio Lower Upper
92 100
91 141.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 43.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040340.D
Acq: 19 Feb 2024 18:53

Tgt Ion: 95 Resp: 61998
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.3 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: VX040340.D

Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

TW-1

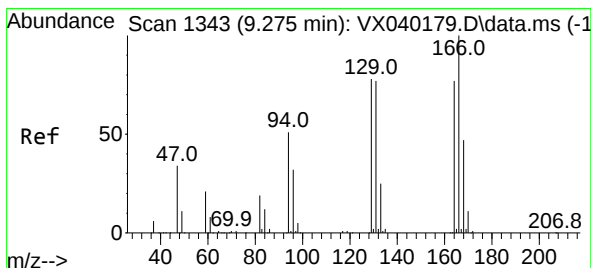
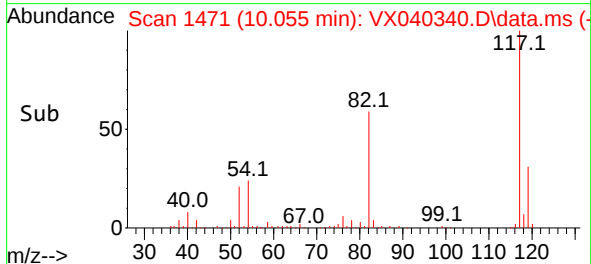
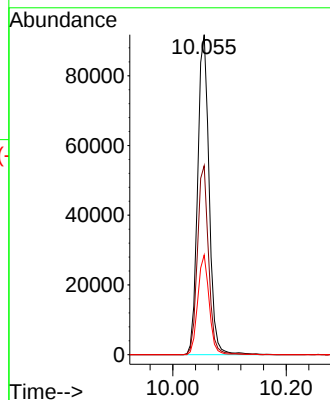
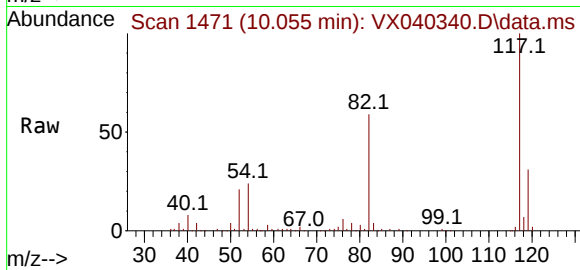
Tgt Ion:117 Resp: 128364

Ion Ratio Lower Upper

117 100

82 59.1 46.2 69.4

119 31.2 25.5 38.3



#64

Tetrachloroethene

Concen: 0.354 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX040340.D

Acq: 19 Feb 2024 18:53

Tgt Ion:164 Resp: 318

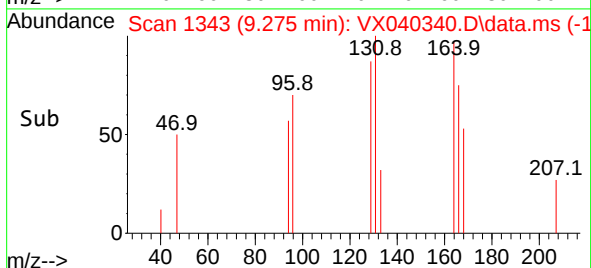
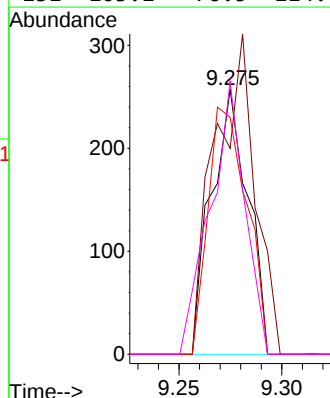
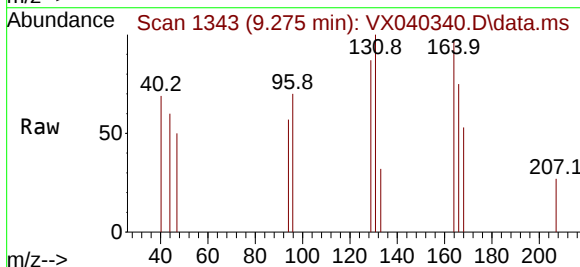
Ion Ratio Lower Upper

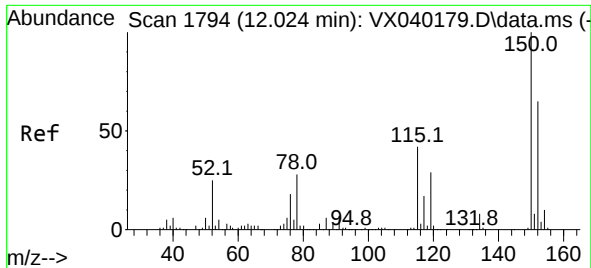
164 100

166 77.8 102.7 154.1#

129 89.5 80.4 120.6

131 103.1 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040340.D

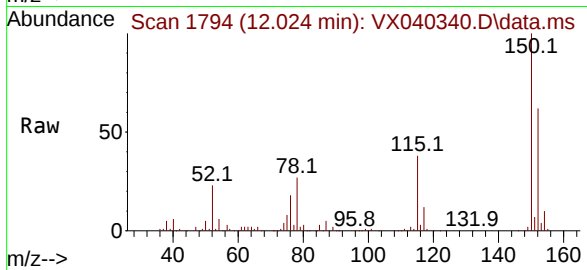
Acq: 19 Feb 2024 18:53

Instrument :

MSVOA_X

ClientSampleId :

TW-1



Tgt Ion:152 Resp: 63095

Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 157.4 0.0 345.0

