

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040352.D
 Acq On : 20 Feb 2024 13:30
 Operator : JC/MD
 Sample : P1507-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20240215DL

Quant Time: Feb 21 01:12:59 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)

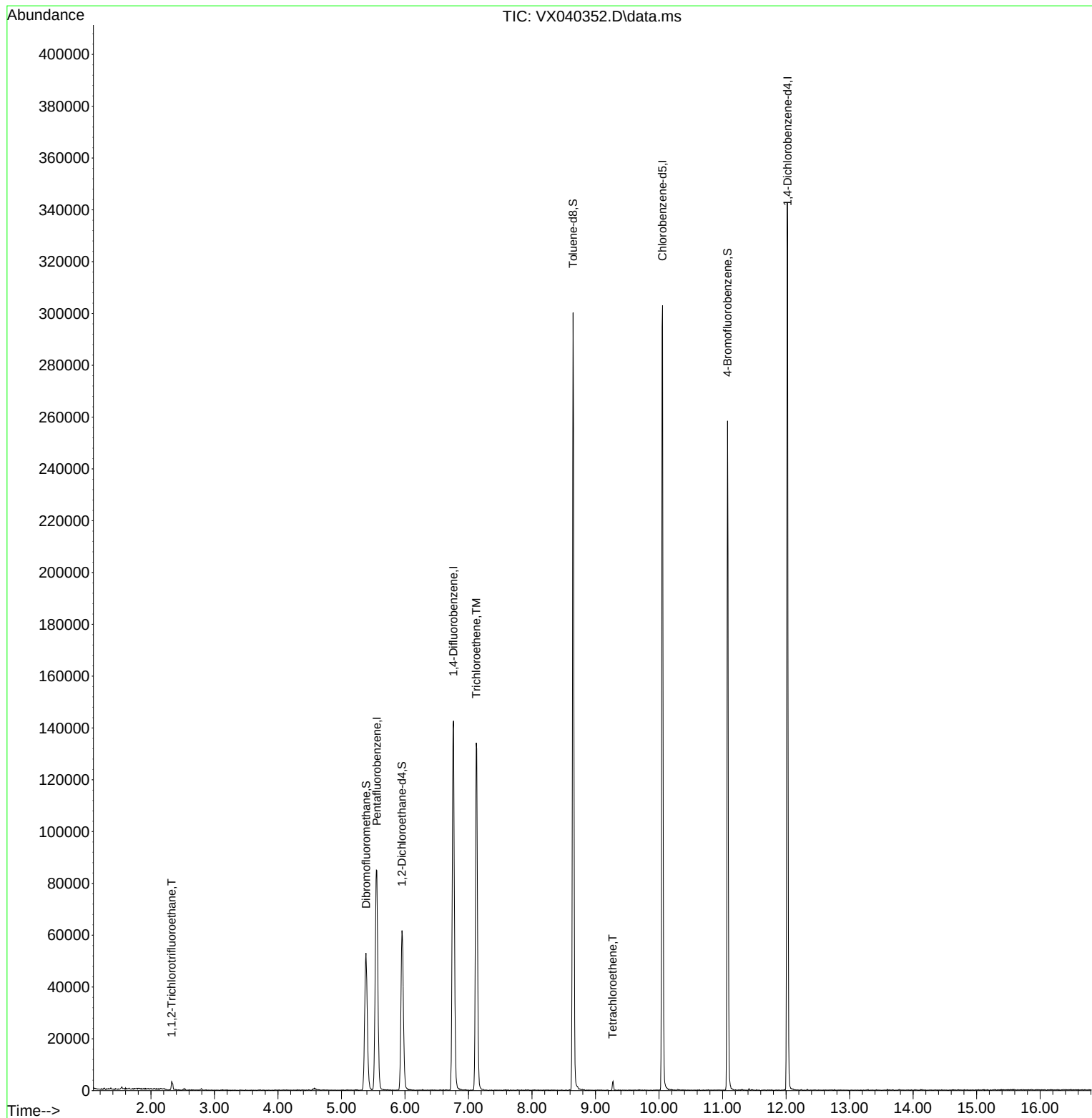
Internal Standards						
1) Pentafluorobenzene	5.556	168	78415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59993	51.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.860%
35) Dibromofluoromethane	5.385	113	44911	46.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.647	98	171328	47.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.100%
62) 4-Bromofluorobenzene	11.079	95	66197	44.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.140%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1413	1.699	ug/l	95
44) Trichloroethene	7.123	130	48897	46.485	ug/l	98
64) Tetrachloroethene	9.269	164	512	0.547	ug/l #	78

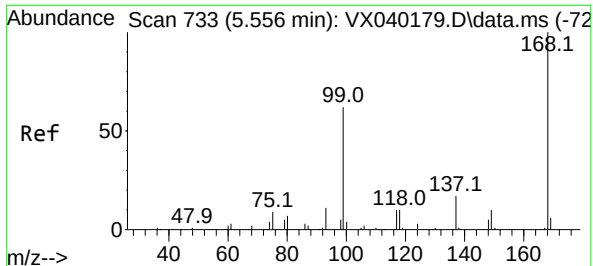
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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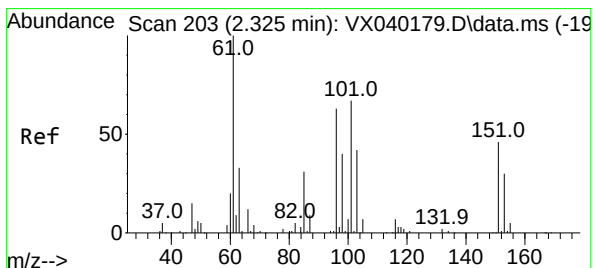
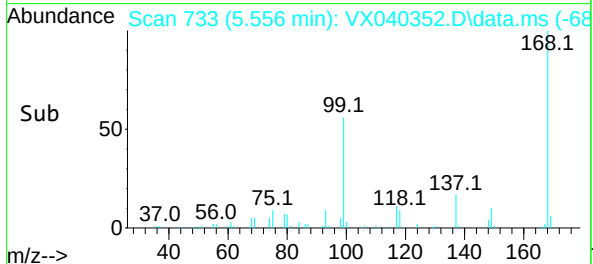
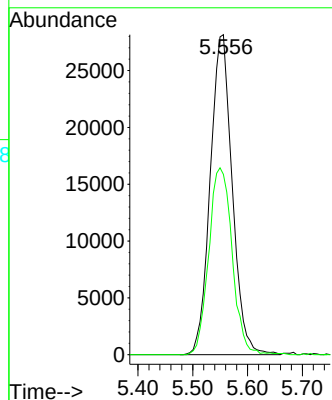
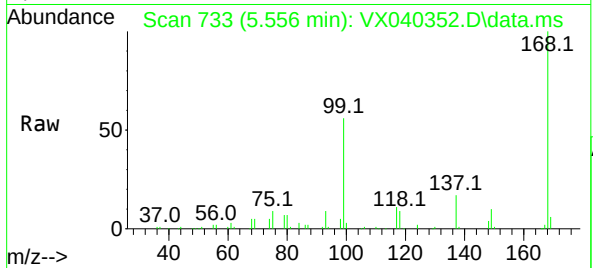




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

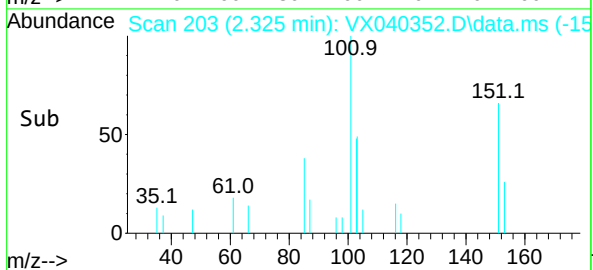
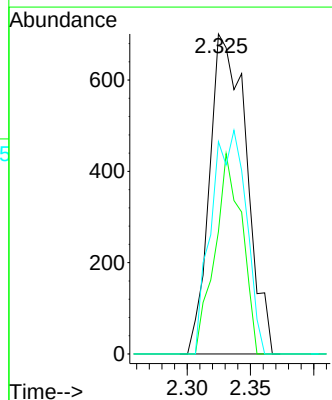
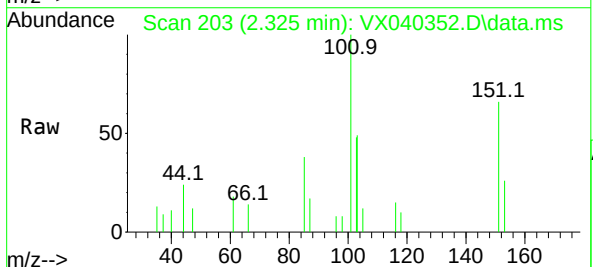
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

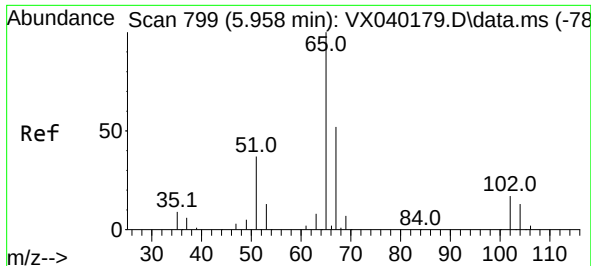
Tgt Ion:168 Resp: 78415
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.699 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion:101 Resp: 1413
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 66.3 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 51.426 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040352.D

Acq: 20 Feb 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :

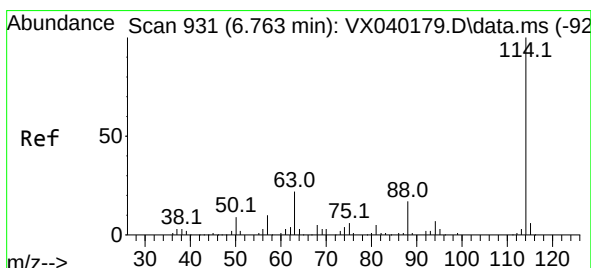
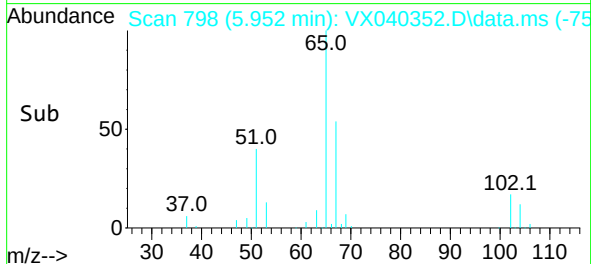
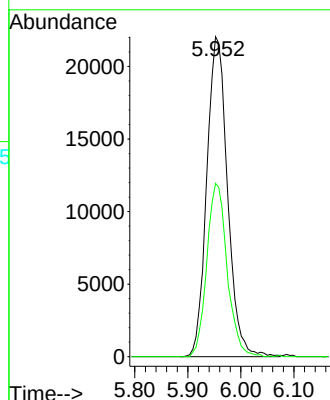
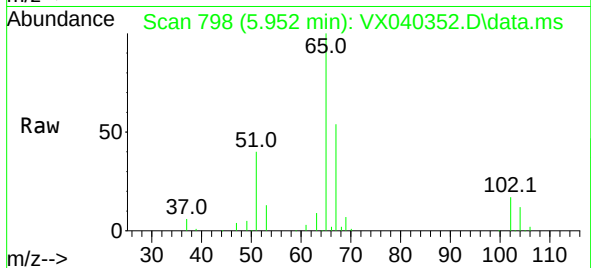
RW4-20240215DL

Tgt Ion: 65 Resp: 59993

Ion Ratio Lower Upper

65 100

67 52.9 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: VX040352.D

Acq: 20 Feb 2024 13:30

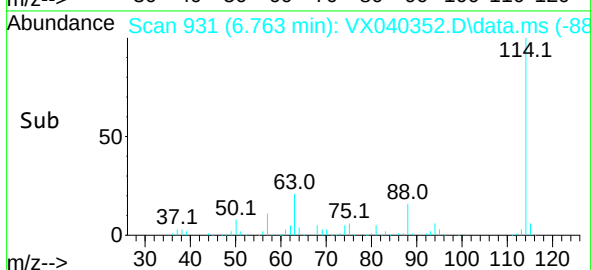
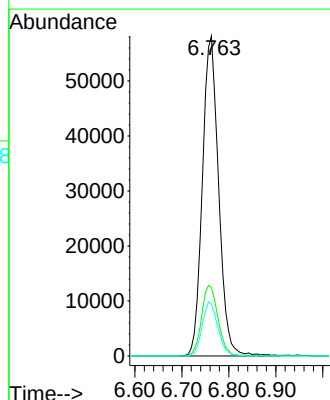
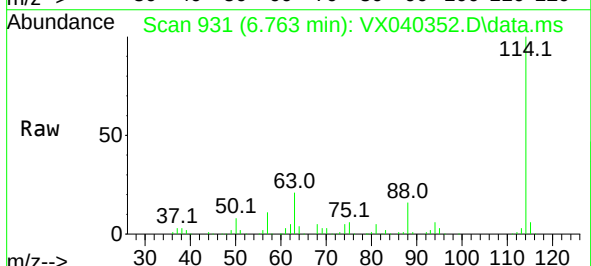
Tgt Ion: 114 Resp: 139394

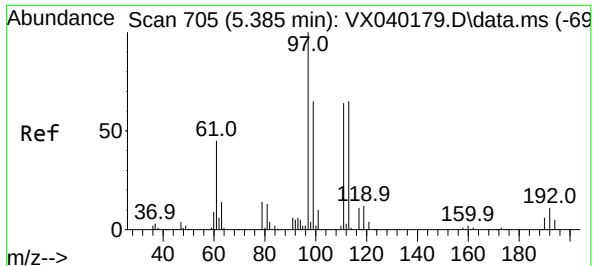
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.136 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040352.D

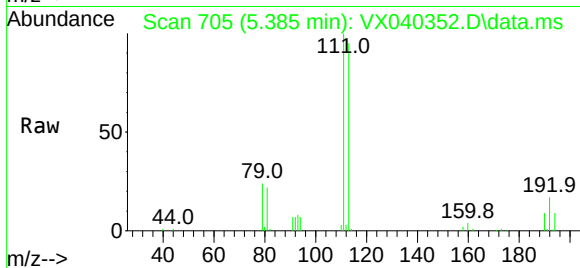
Acq: 20 Feb 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :

RW4-20240215DL



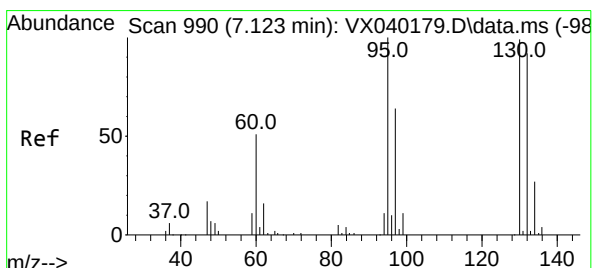
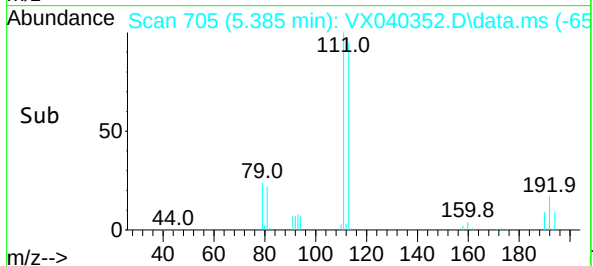
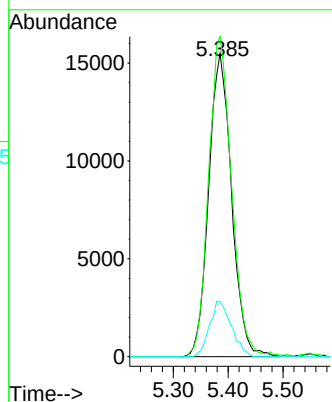
Tgt Ion:113 Resp: 44911

Ion Ratio Lower Upper

113 100

111 105.6 82.9 124.3

192 17.6 13.3 19.9



#44

Trichloroethene

Concen: 46.485 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040352.D

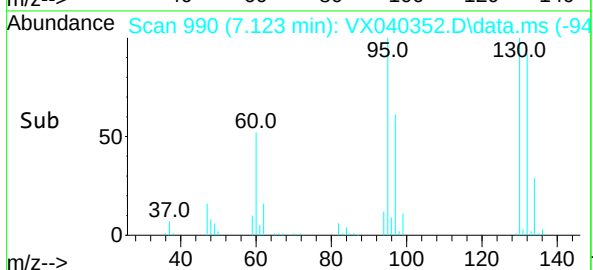
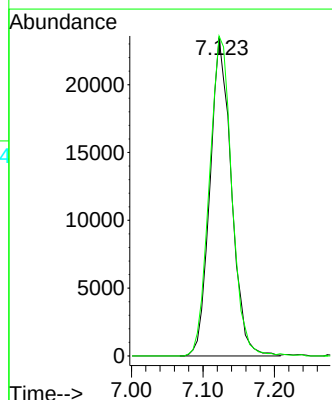
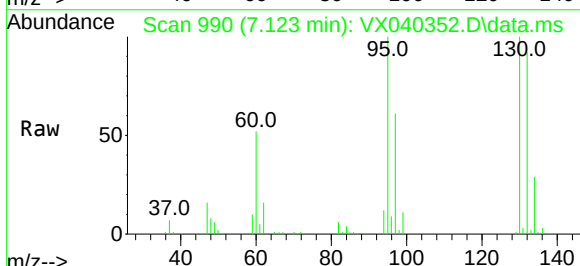
Acq: 20 Feb 2024 13:30

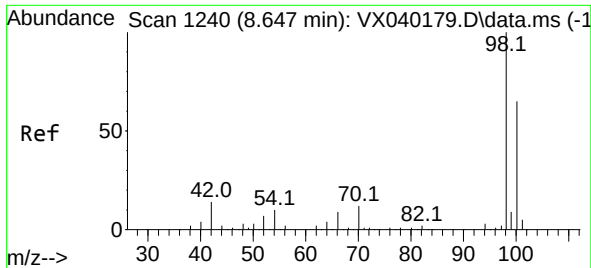
Tgt Ion:130 Resp: 48897

Ion Ratio Lower Upper

130 100

95 100.4 0.0 204.4

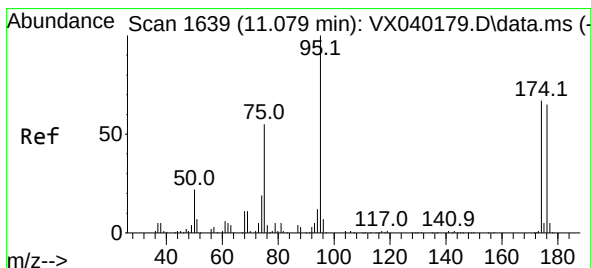
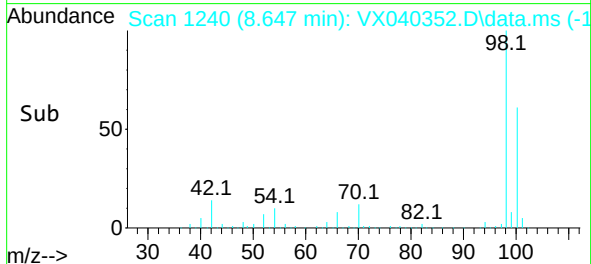
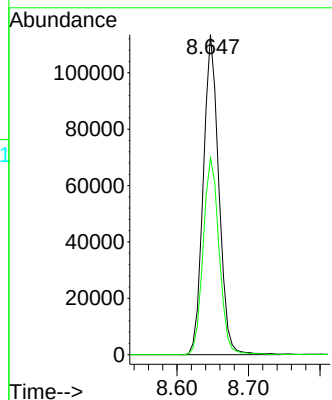
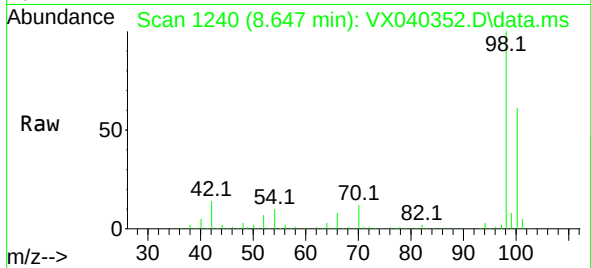




#50
Toluene-d8
Concen: 47.050 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

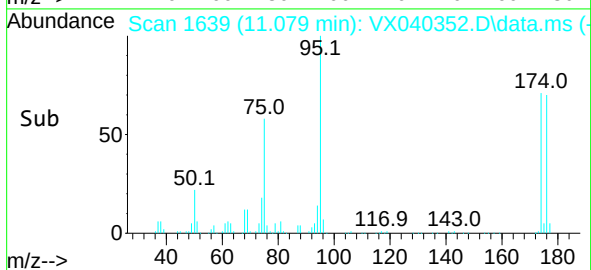
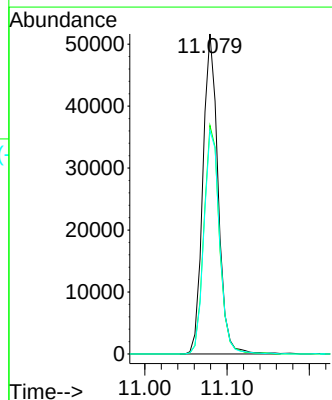
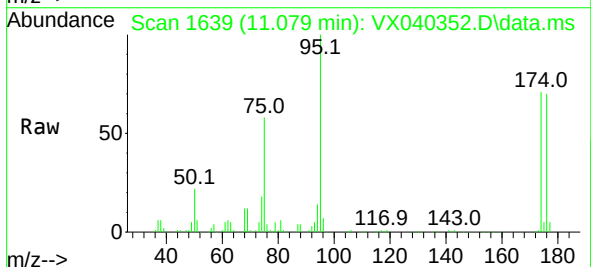
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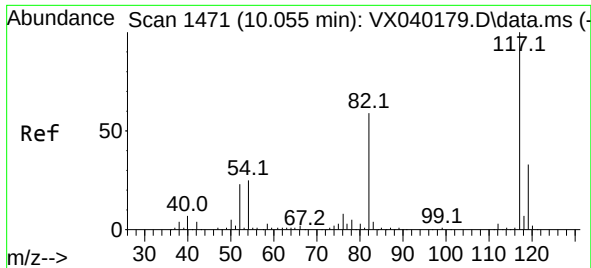
Tgt Ion: 98 Resp: 171328
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 95 Resp: 66197
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 72.0 0.0 131.0

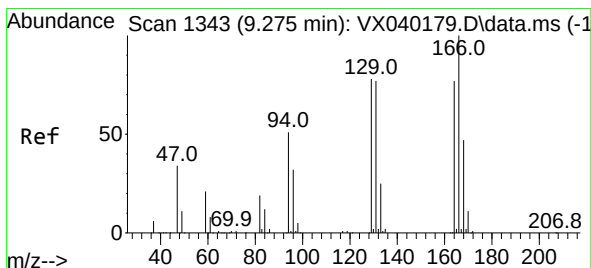
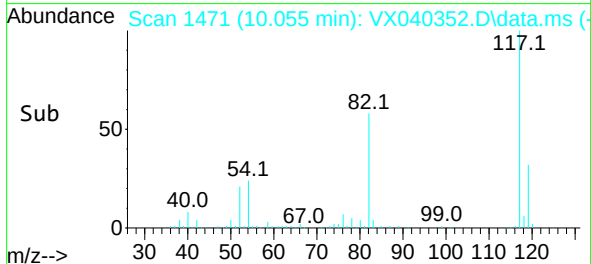
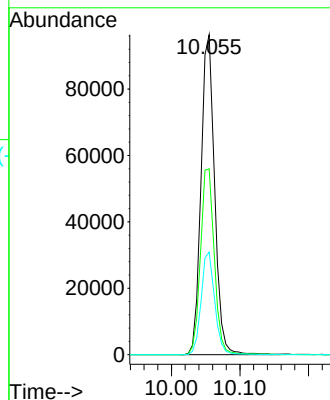
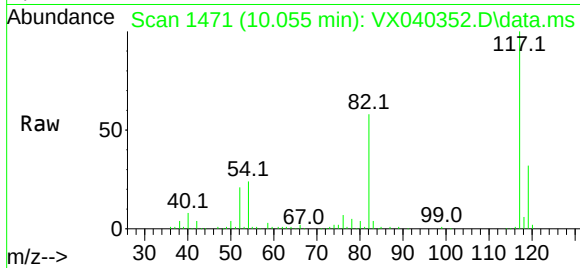




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

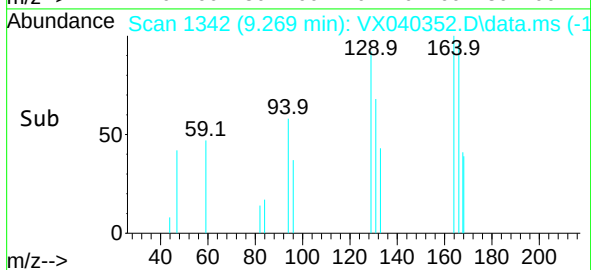
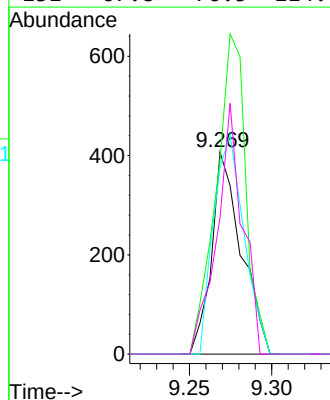
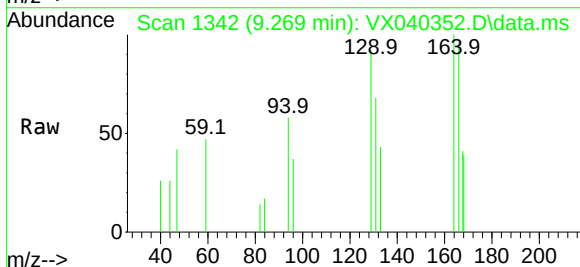
Instrument :
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ClientSampleId :
RW4-20240215DL

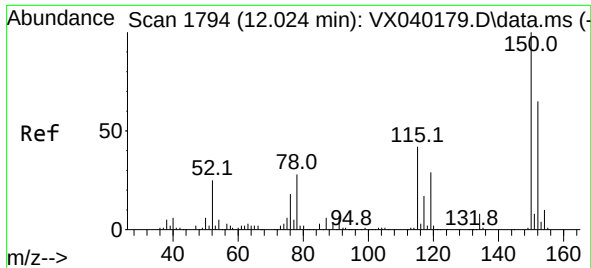
Tgt Ion:117 Resp: 133679
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.547 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion:164 Resp: 512
Ion Ratio Lower Upper
164 100
166 95.8 102.7 154.1#
129 92.4 80.4 120.6
131 67.8 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: VX040352.D

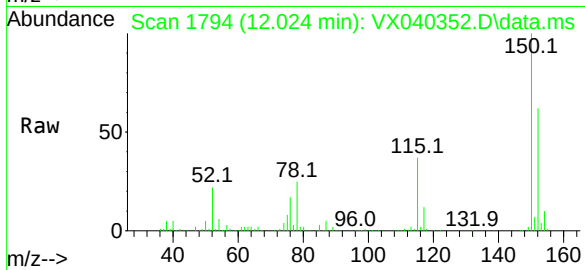
Acq: 20 Feb 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :

RW4-20240215DL



Tgt Ion:152 Resp: 67818

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 157.8 0.0 345.0

