

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040404.D
 Acq On : 22 Feb 2024 16:12
 Operator : JC/MD
 Sample : P1532-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20240216

Quant Time: Feb 23 00:09:07 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)

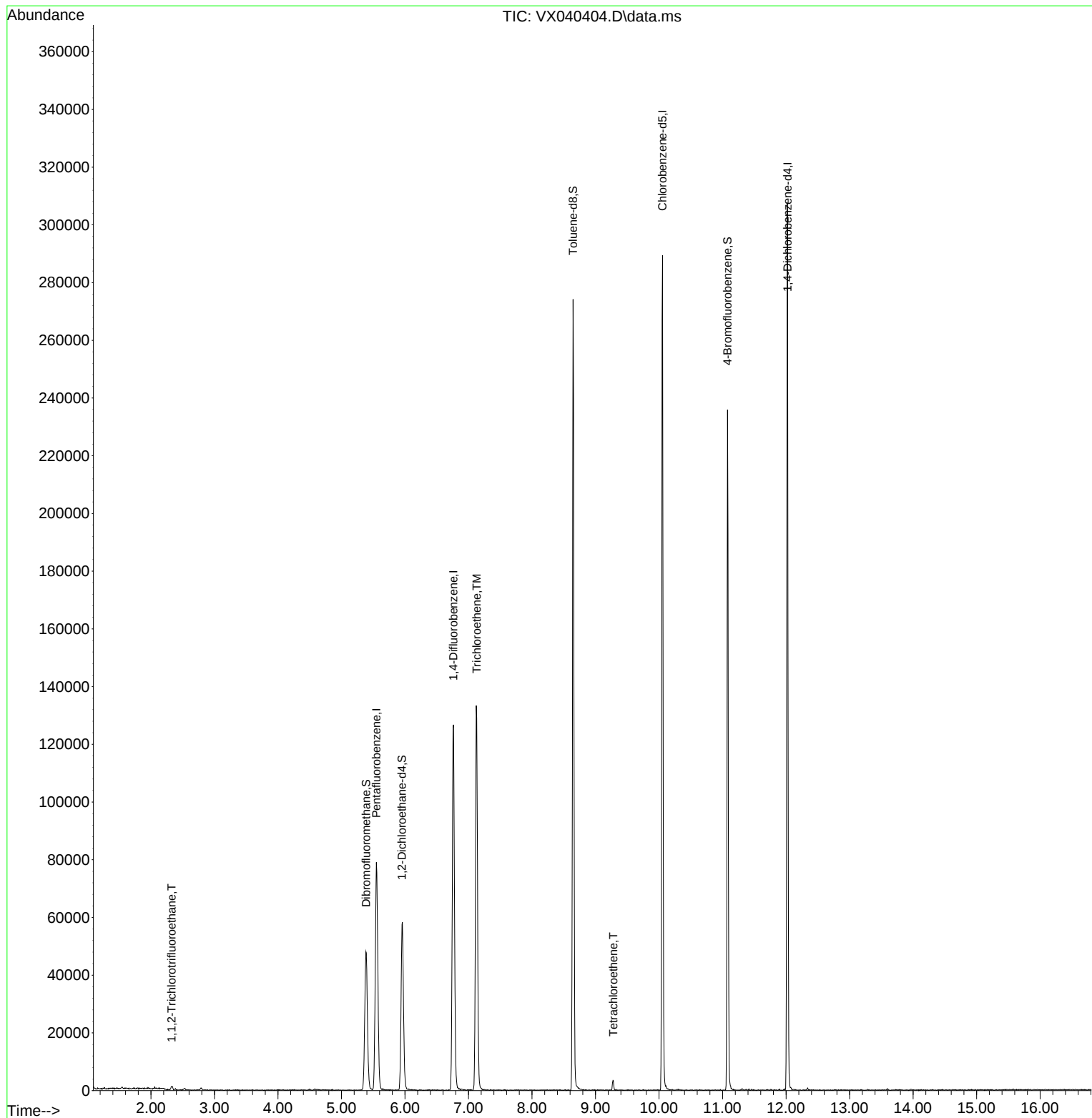
Internal Standards						
1) Pentafluorobenzene	5.550	168	68736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56215	54.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.940%	
35) Dibromofluoromethane	5.385	113	41126	47.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.140%	
50) Toluene-d8	8.647	98	154823	47.369	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.740%	
62) 4-Bromofluorobenzene	11.079	95	59322	44.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	662	0.908	ug/l #	89
44) Trichloroethene	7.129	130	48360	51.220	ug/l	98
64) Tetrachloroethene	9.281	164	614	0.715	ug/l #	81

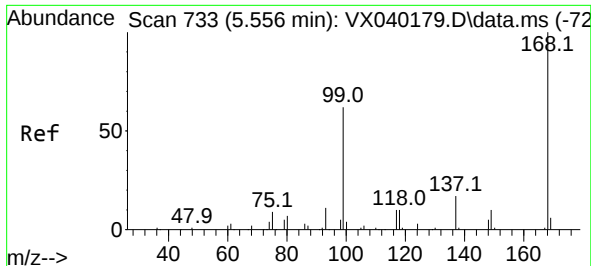
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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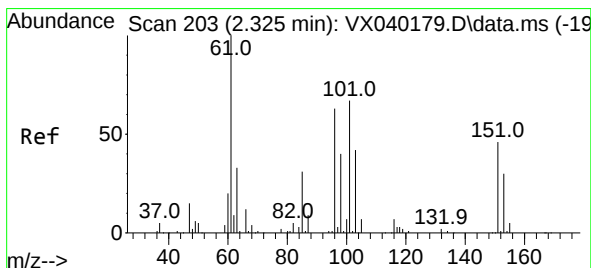
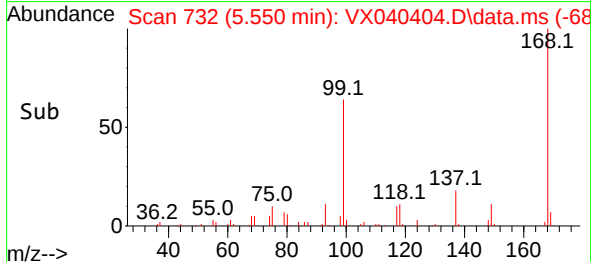
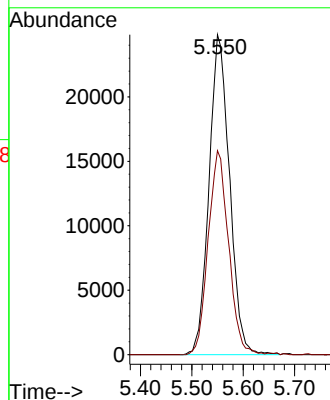
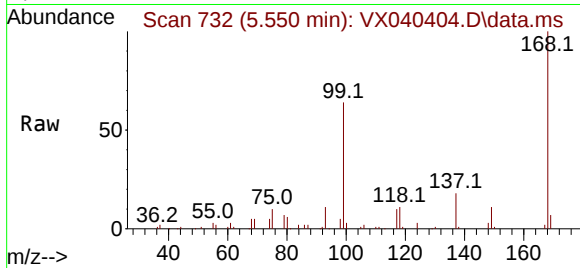




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

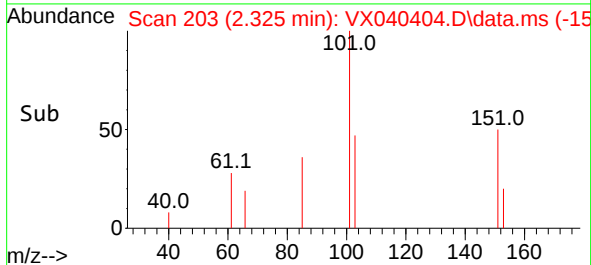
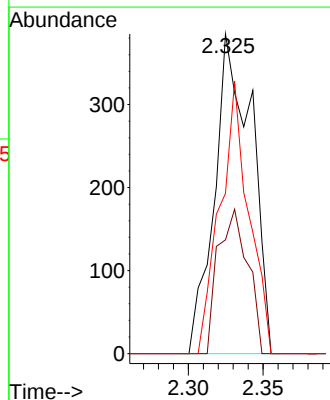
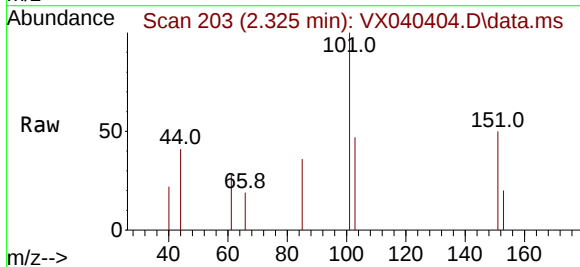
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20240216

Tgt Ion:168 Resp: 68736
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.908 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion:101 Resp: 662
Ion Ratio Lower Upper
101 100
85 36.1 37.0 55.6#
151 66.2 58.6 87.8

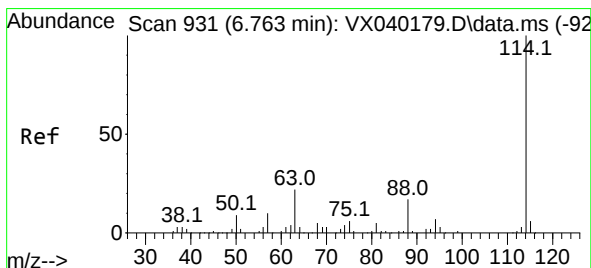
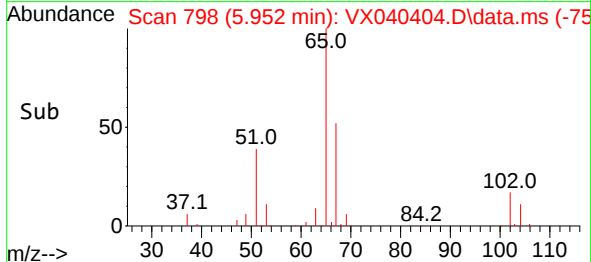
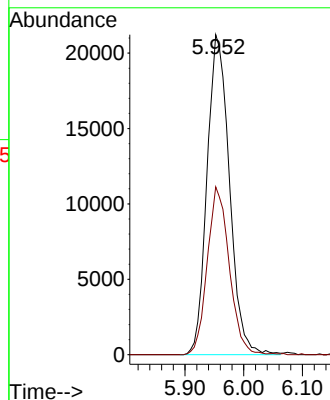
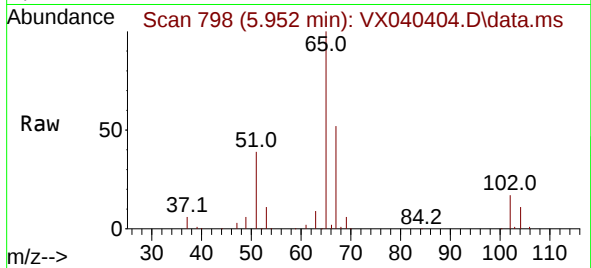




#33
 1,2-Dichloroethane-d4
 Concen: 54.973 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040404.D
 Acq: 22 Feb 2024 16:12

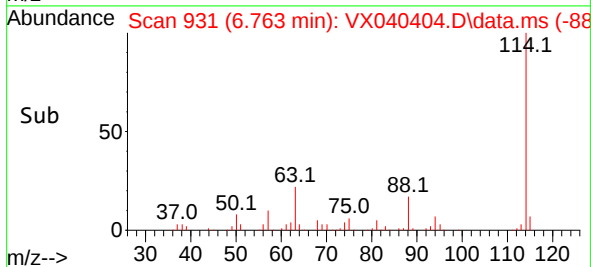
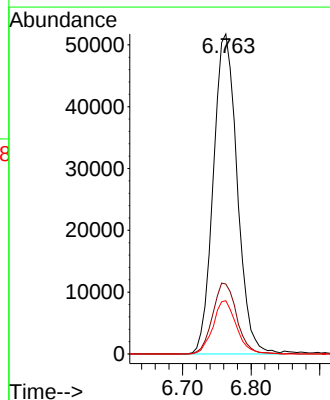
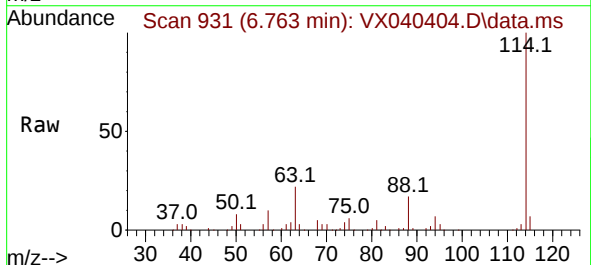
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20240216

Tgt Ion: 65 Resp: 56215
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VX040404.D
 Acq: 22 Feb 2024 16:12

Tgt Ion: 114 Resp: 125118
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.068 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040404.D

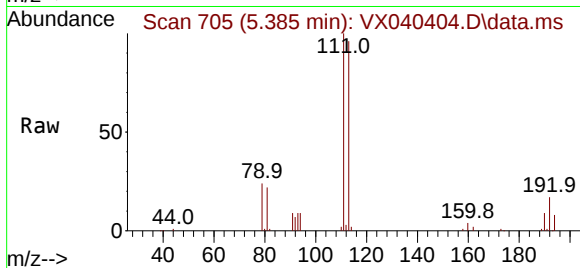
Acq: 22 Feb 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20240216



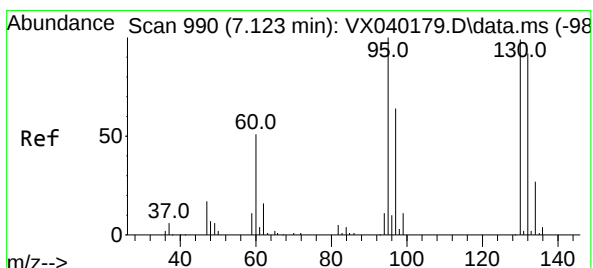
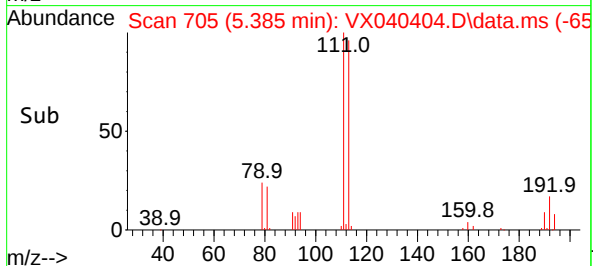
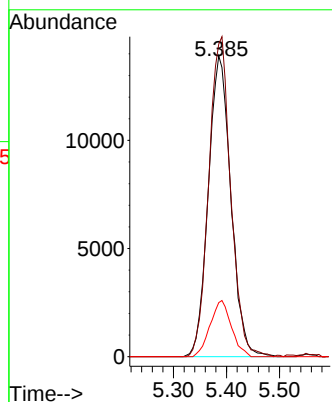
Tgt Ion:113 Resp: 41126

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 17.6 13.3 19.9



#44

Trichloroethene

Concen: 51.220 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040404.D

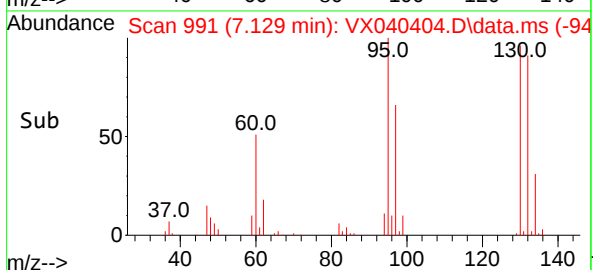
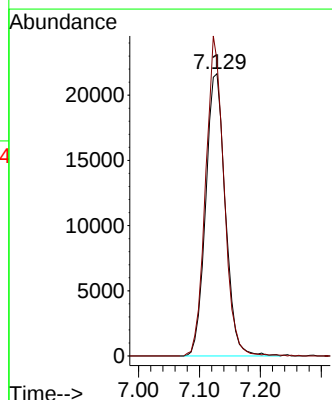
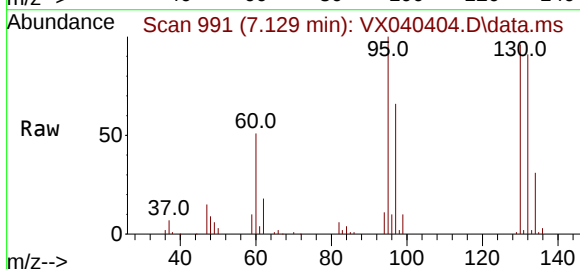
Acq: 22 Feb 2024 16:12

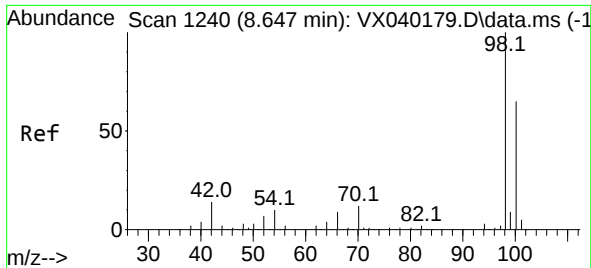
Tgt Ion:130 Resp: 48360

Ion Ratio Lower Upper

130 100

95 104.6 0.0 204.4

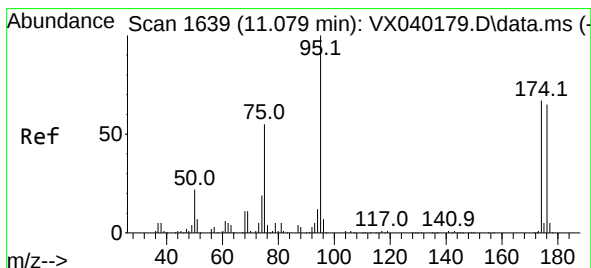
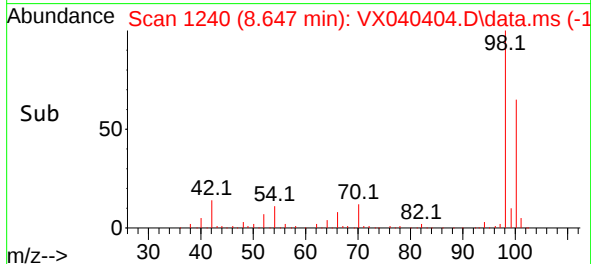
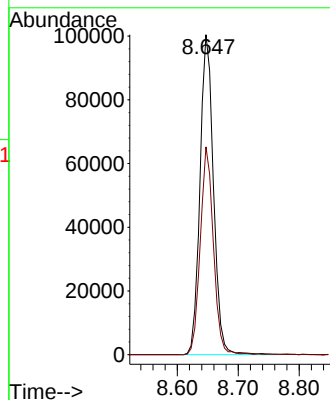
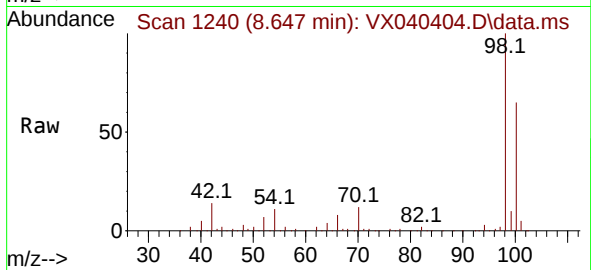




#50
Toluene-d8
Concen: 47.369 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

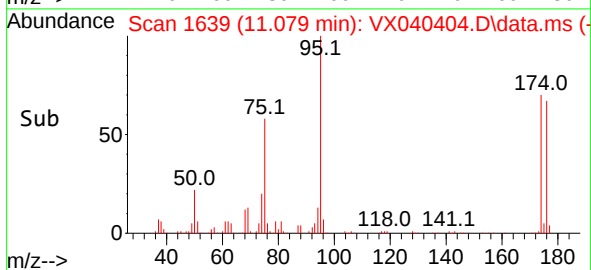
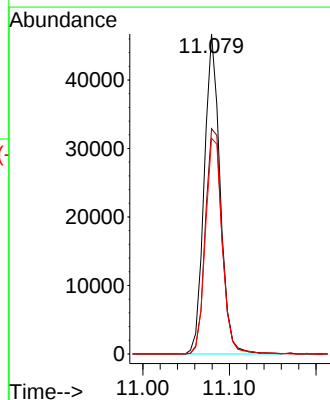
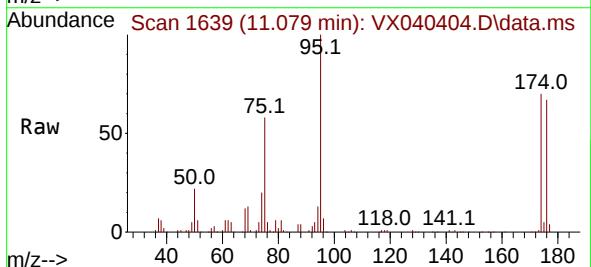
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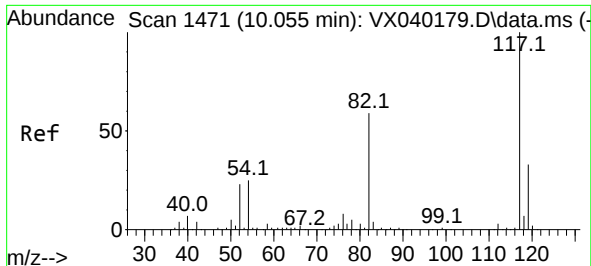
Tgt Ion: 98 Resp: 154823
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion: 95 Resp: 59322
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.5 0.0 131.0

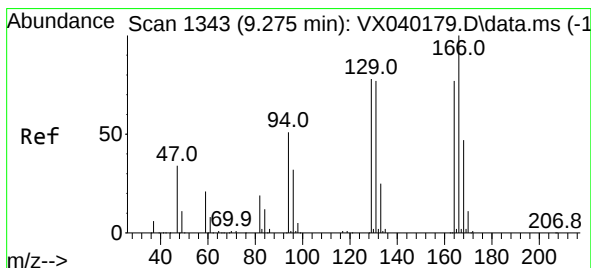
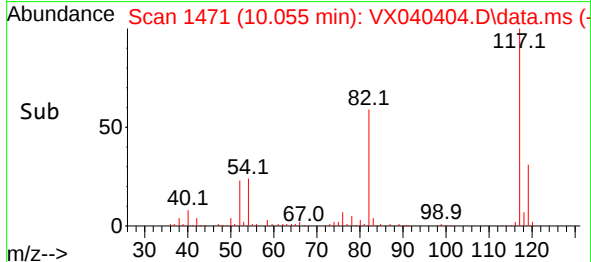
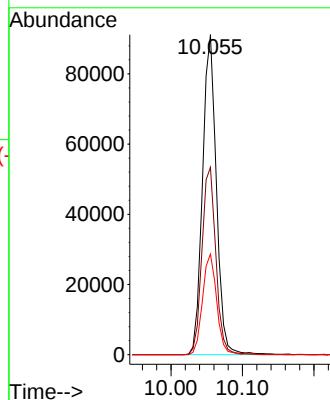
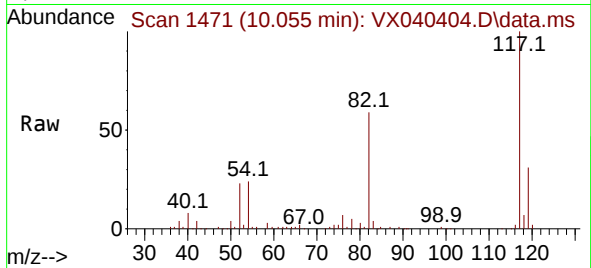




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

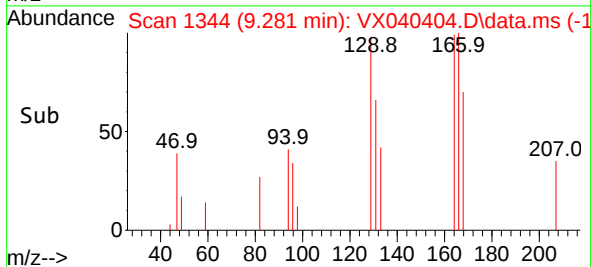
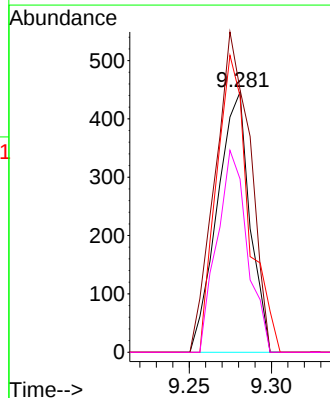
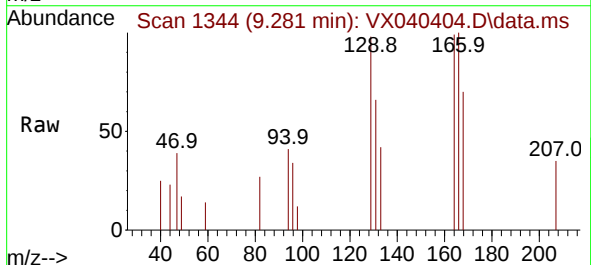
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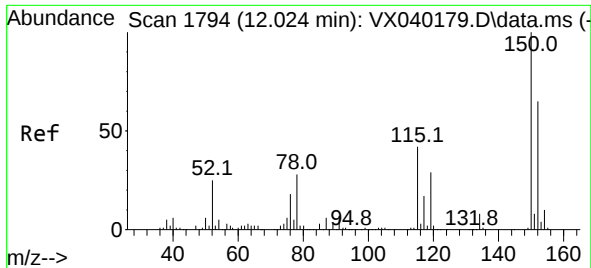
Tgt Ion:117 Resp: 122622
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.715 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040404.D
Acq: 22 Feb 2024 16:12

Tgt Ion:164 Resp: 614
Ion Ratio Lower Upper
164 100
166 100.9 102.7 154.1#
129 98.4 80.4 120.6
131 66.6 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: VX040404.D

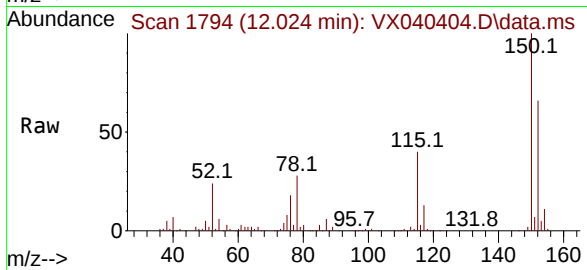
Acq: 22 Feb 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20240216



Tgt Ion:152 Resp: 60807

Ion Ratio Lower Upper

152 100

115 62.7 43.3 129.9

150 154.0 0.0 345.0

