

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033014.D
 Acq On : 23 Nov 2022 13:07
 Operator : JC/MD
 Sample : N5730-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20221117DL

Quant Time: Nov 24 04:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

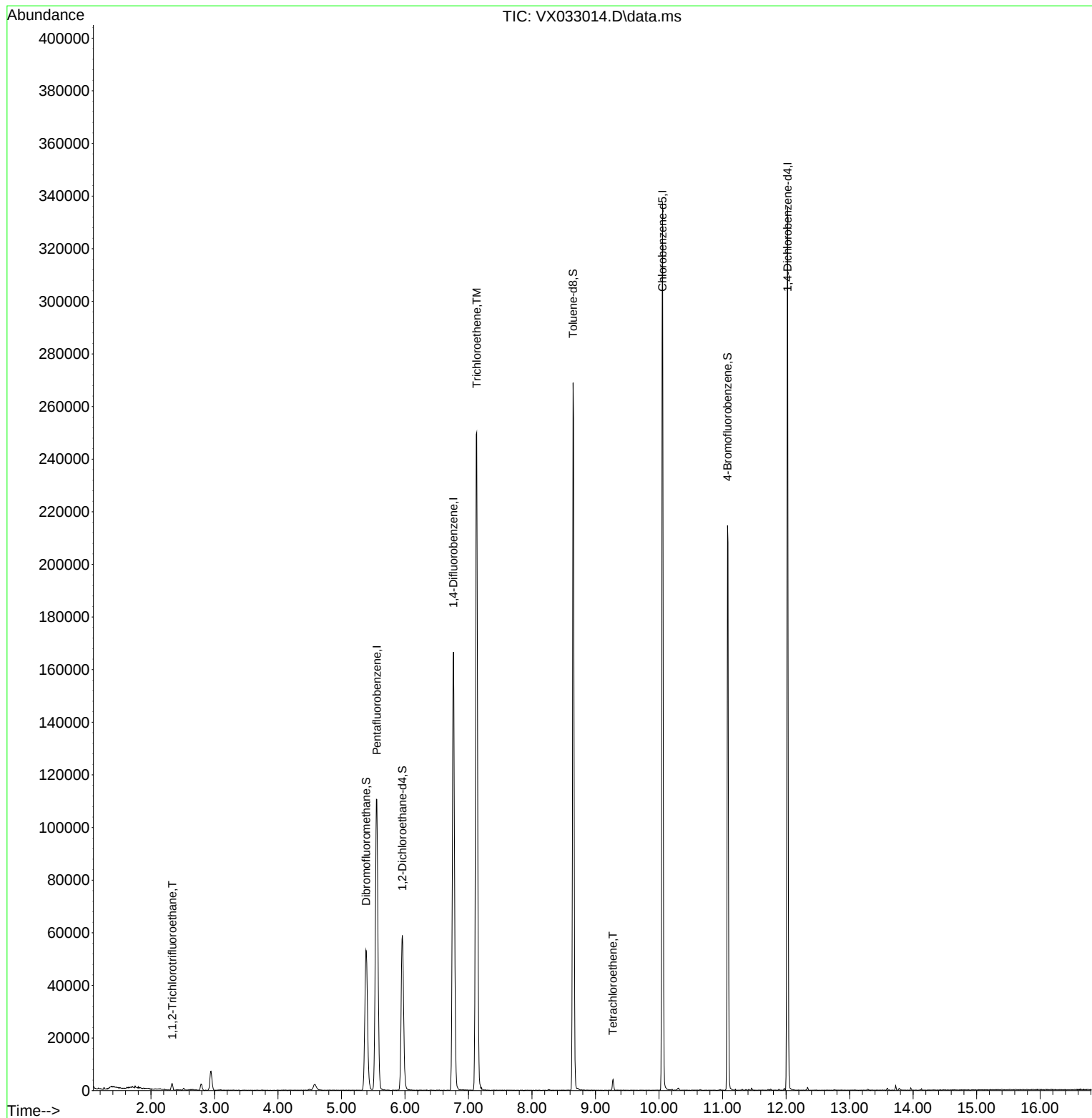
Internal Standards						
1) Pentafluorobenzene	5.556	168	105396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60166	58.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.960%#	
35) Dibromofluoromethane	5.385	113	47087	49.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	8.647	98	160019	55.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.460%	
62) 4-Bromofluorobenzene	11.079	95	57272	45.480	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.960%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	875	0.886	ug/l	93
44) Trichloroethene	7.129	130	96593	80.096	ug/l	99
64) Tetrachloroethene	9.275	164	889	0.846	ug/l #	74

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

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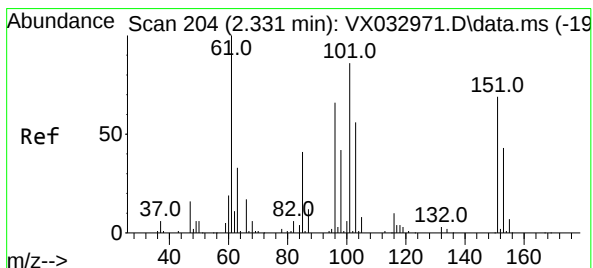
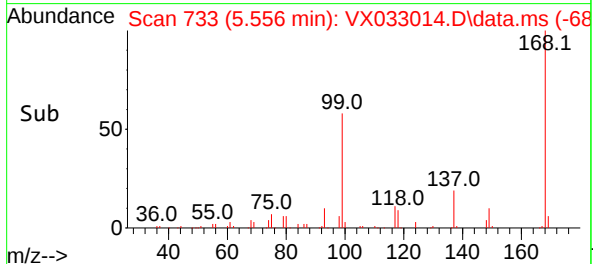
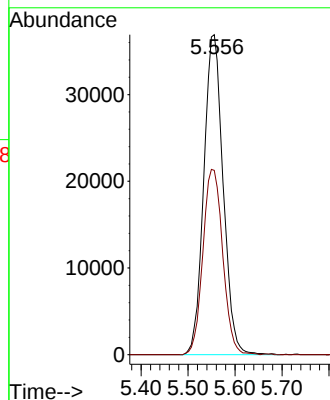
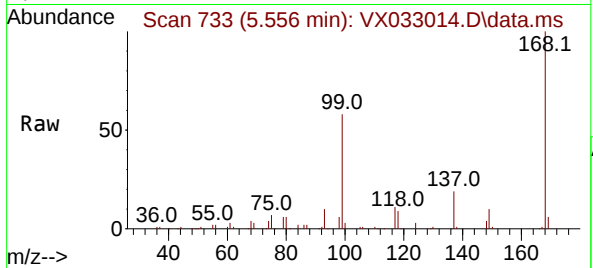




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

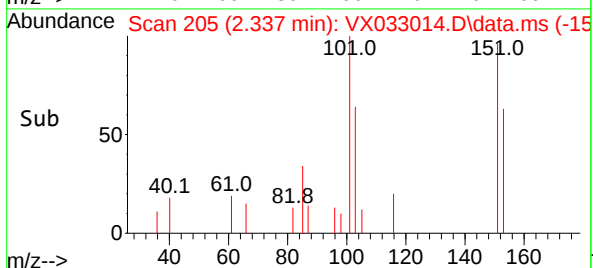
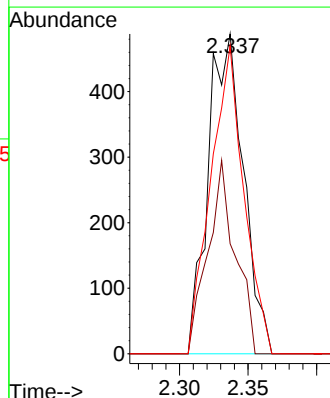
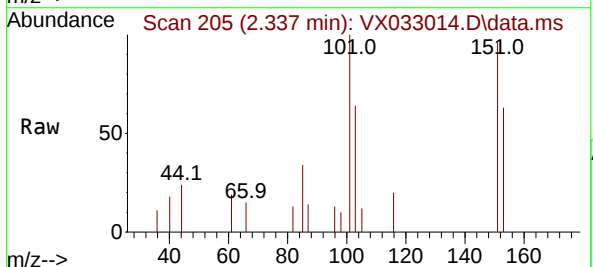
Instrument :
MSVOA_X
ClientSampleId :
RW4-20221117DL

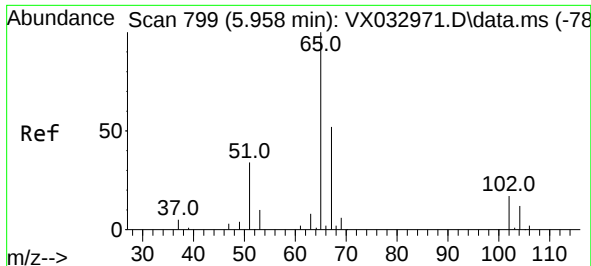
Tgt Ion:168 Resp: 105396
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.886 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion:101 Resp: 875
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.4
151 90.2 64.4 96.6





#33

1,2-Dichloroethane-d4

Concen: 58.983 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

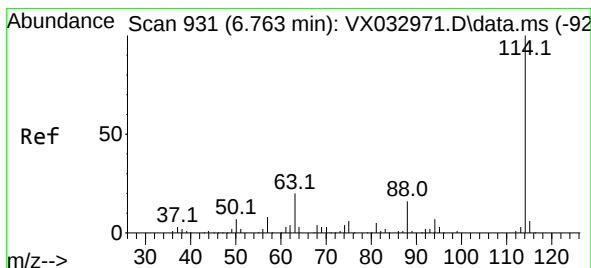
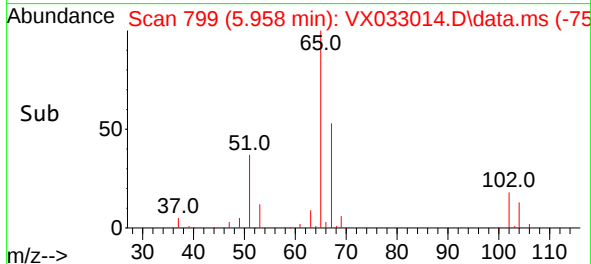
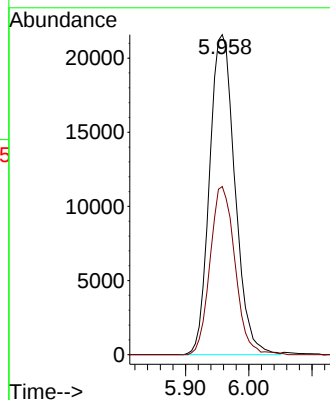
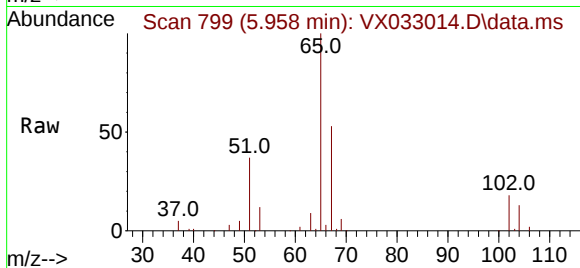
RW4-20221117DL

Tgt Ion: 65 Resp: 60166

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

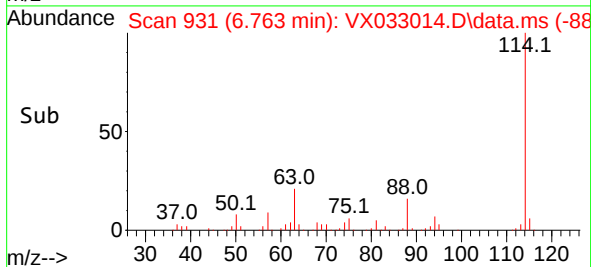
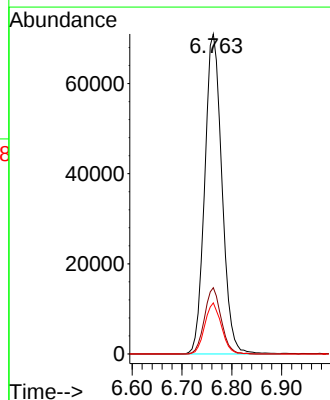
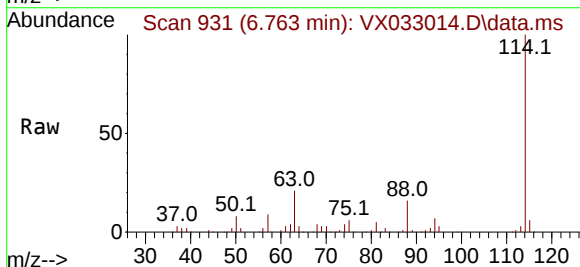
Tgt Ion: 114 Resp: 170043

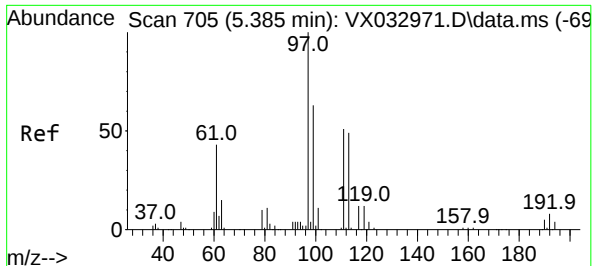
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.119 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117DL

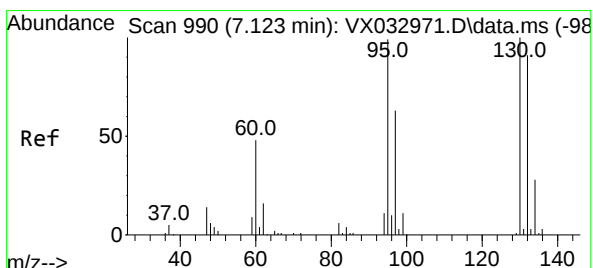
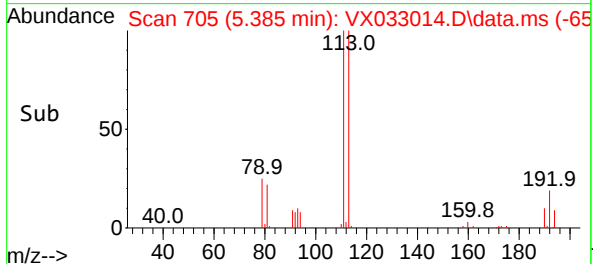
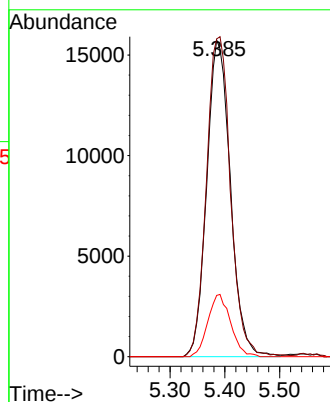
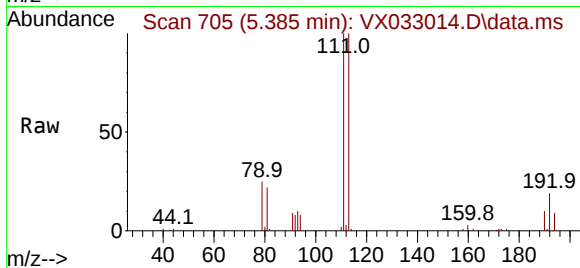
Tgt Ion:113 Resp: 47087

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.0 15.4 23.2



#44

Trichloroethene

Concen: 80.096 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033014.D

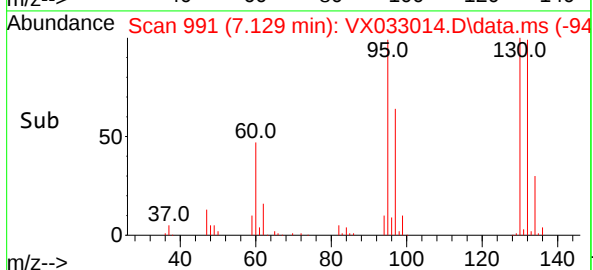
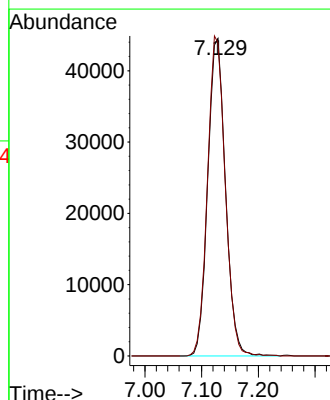
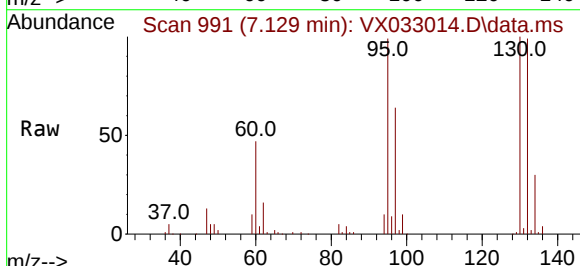
Acq: 23 Nov 2022 13:07

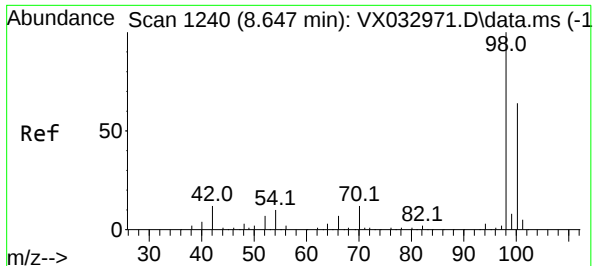
Tgt Ion:130 Resp: 96593

Ion Ratio Lower Upper

130 100

95 98.7 0.0 195.2

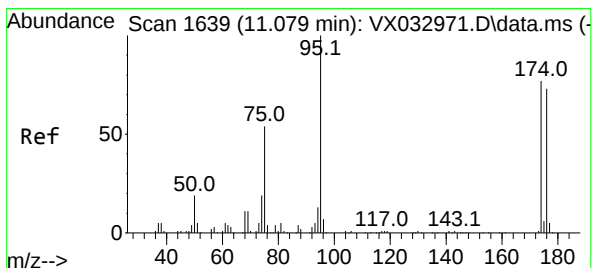
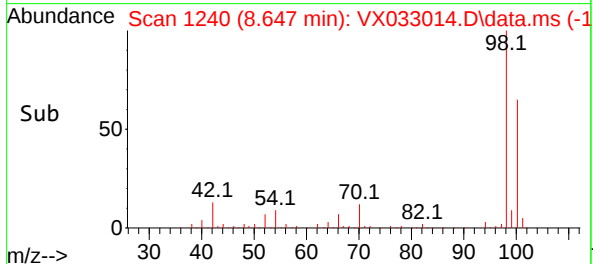
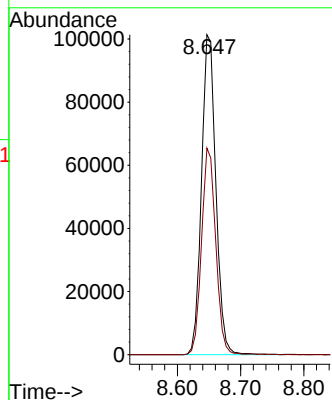
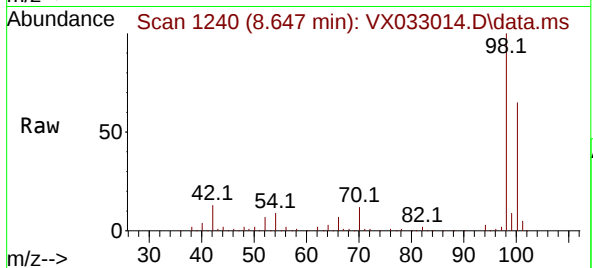




#50
Toluene-d8
Concen: 55.725 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

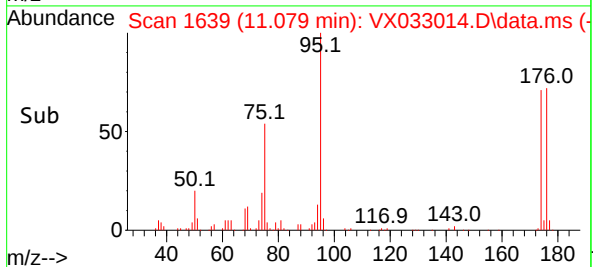
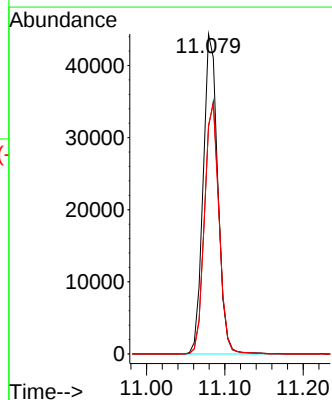
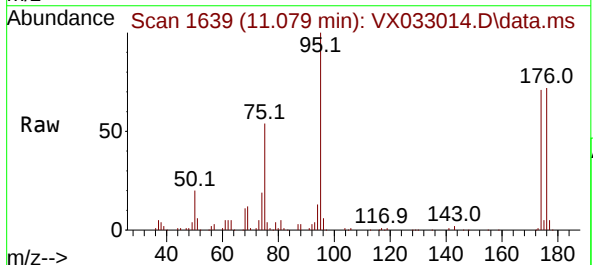
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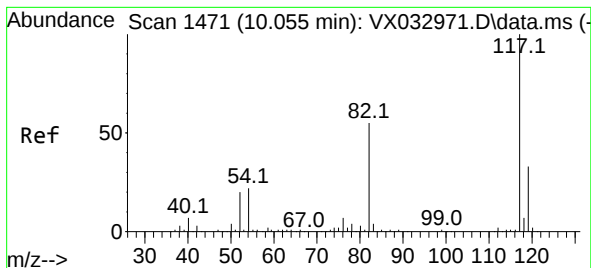
Tgt Ion: 98 Resp: 160019
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033014.D
Acq: 23 Nov 2022 13:07

Tgt Ion: 95 Resp: 57272
Ion Ratio Lower Upper
95 100
174 79.0 0.0 164.0
176 78.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117DL

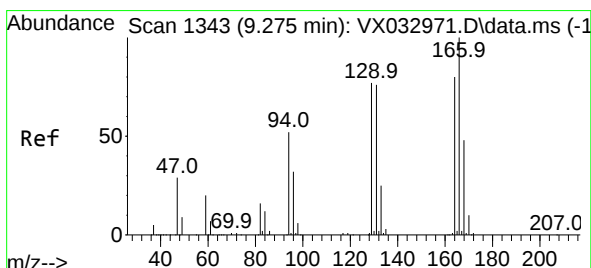
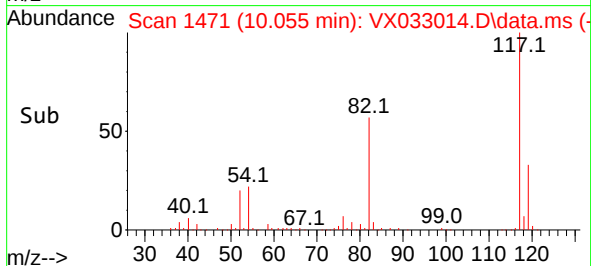
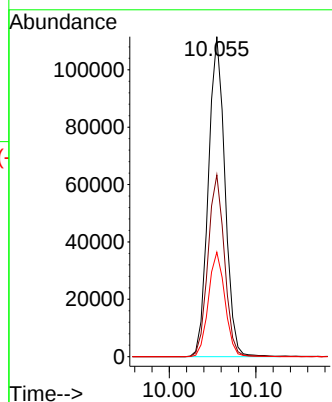
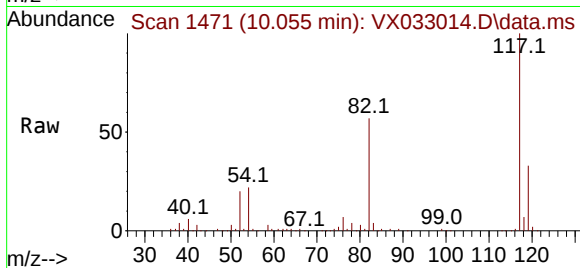
Tgt Ion:117 Resp: 148481

Ion Ratio Lower Upper

117 100

82 56.8 44.3 66.5

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 0.846 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033014.D

Acq: 23 Nov 2022 13:07

Tgt Ion:164 Resp: 889

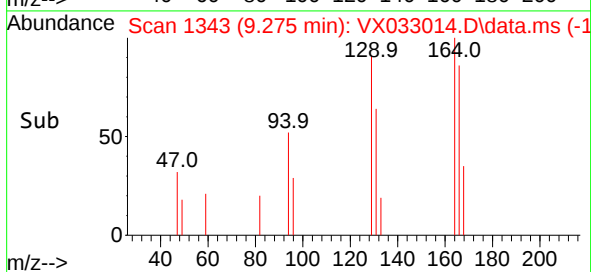
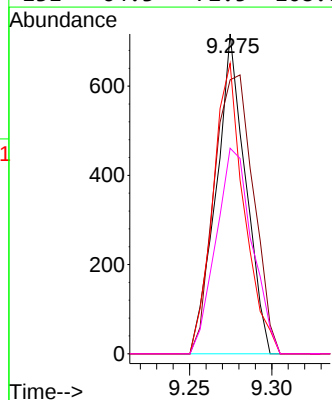
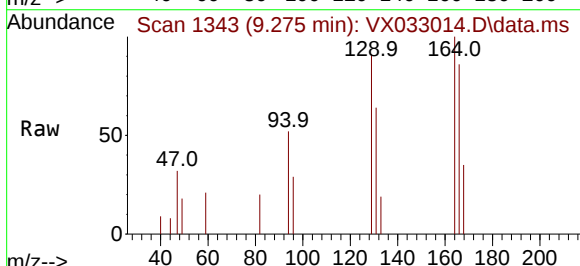
Ion Ratio Lower Upper

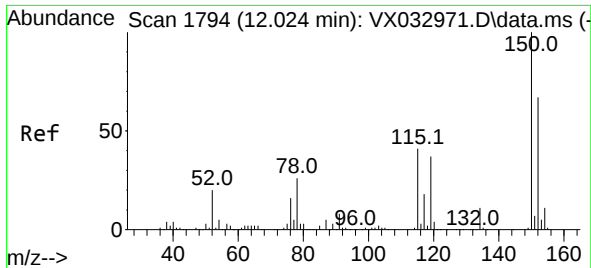
164 100

166 85.6 105.4 158.2#

129 90.8 78.2 117.2

131 64.3 72.5 108.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033014.D

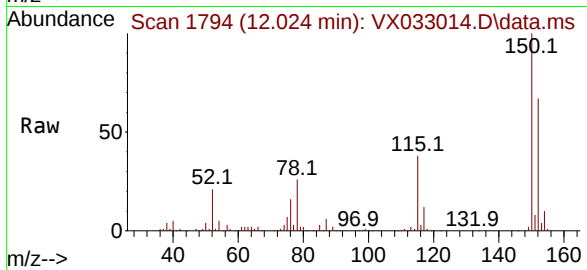
Acq: 23 Nov 2022 13:07

Instrument :

MSVOA_X

ClientSampleId :

RW4-20221117DL



Tgt Ion:152 Resp: 68537

Ion Ratio Lower Upper

152 100

115 59.8 44.0 132.0

150 152.9 0.0 351.8

