

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037239.D
 Acq On : 25 Aug 2023 01:35
 Operator : JC/MD
 Sample : 04077-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20230816

Quant Time: Aug 25 06:30:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

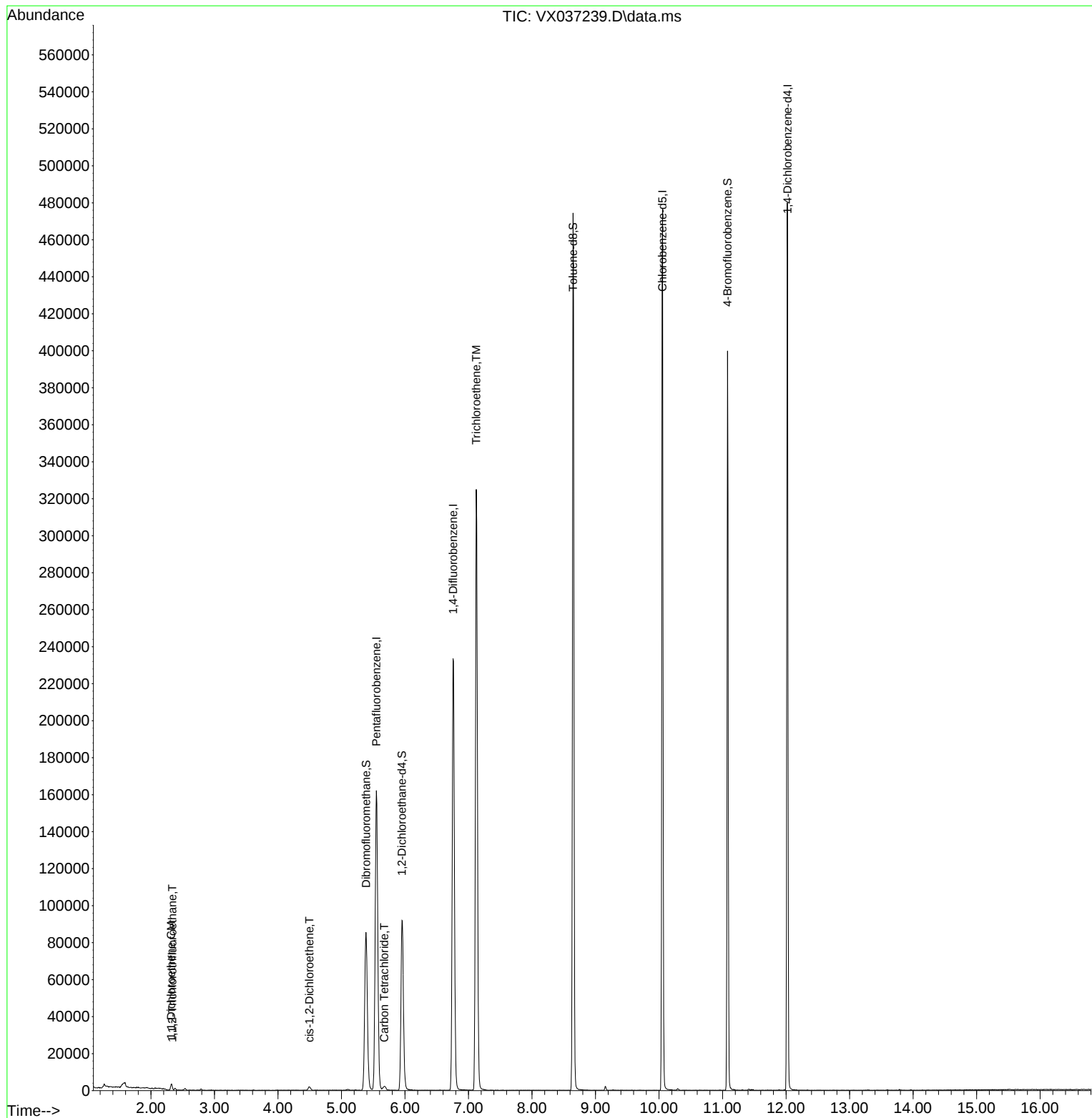
Internal Standards						
1) Pentafluorobenzene	5.550	168	149546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94741	43.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.385	113	76689	46.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	8.647	98	290087	48.953	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	108589	46.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	633	0.400	ug/l	96
12) 1,1-Dichloroethene	2.319	96	860	0.559	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	1324	0.642	ug/l	85
38) Carbon Tetrachloride	5.672	117	1980	0.785	ug/l	91
44) Trichloroethene	7.123	130	128377	68.014	ug/l	99

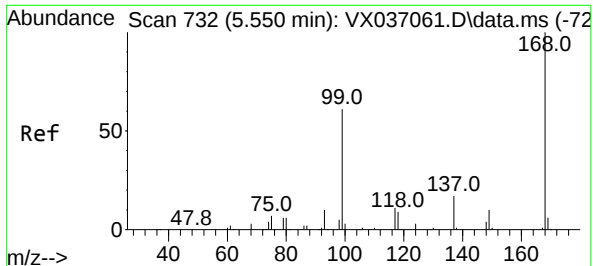
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

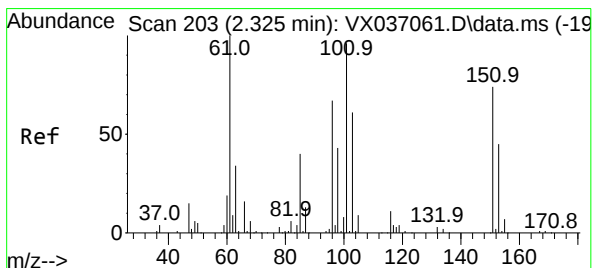
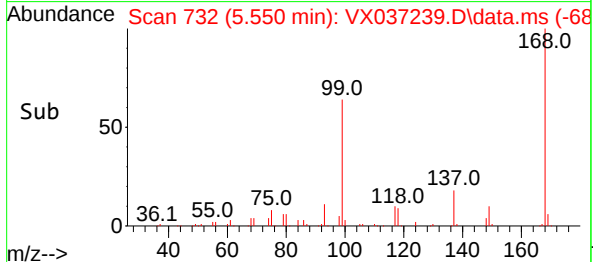
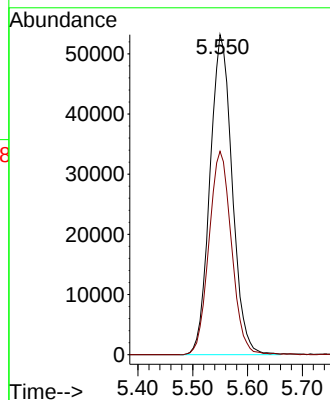
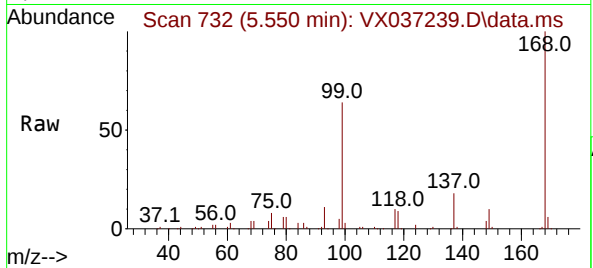




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037239.D
Acq: 25 Aug 2023 01:35

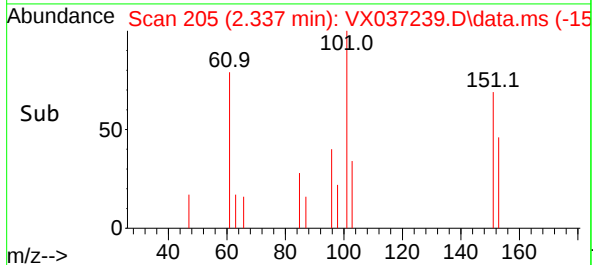
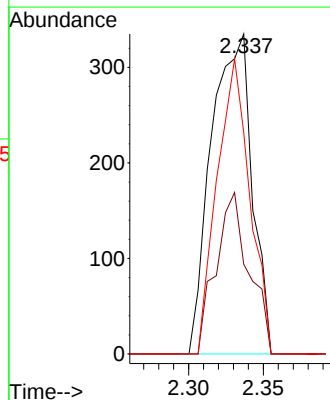
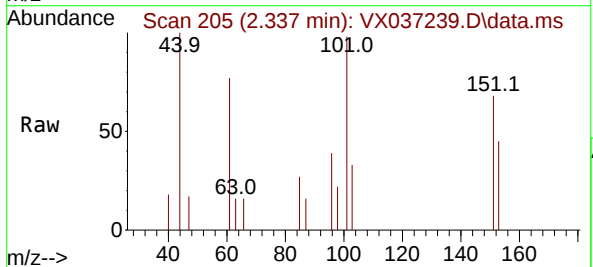
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20230816

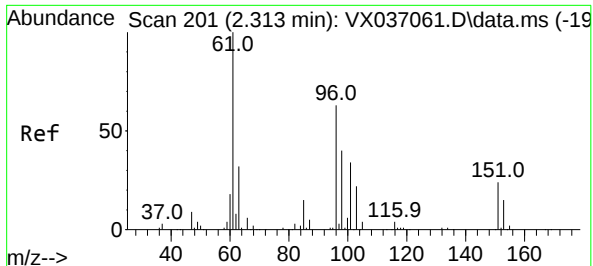
Tgt Ion:168 Resp: 149546
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.400 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX037239.D
Acq: 25 Aug 2023 01:35

Tgt Ion:101 Resp: 633
Ion Ratio Lower Upper
101 100
85 41.2 37.0 55.6
151 74.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.559 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20230816

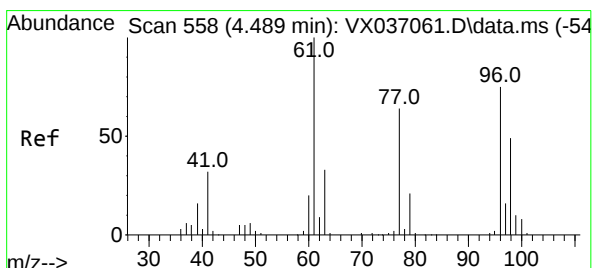
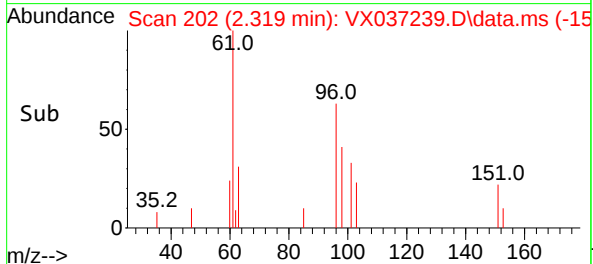
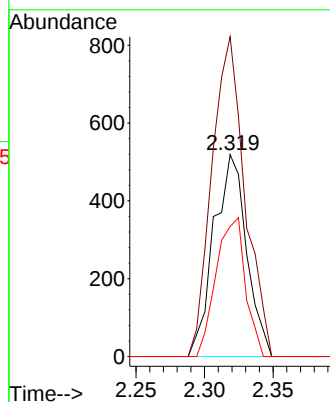
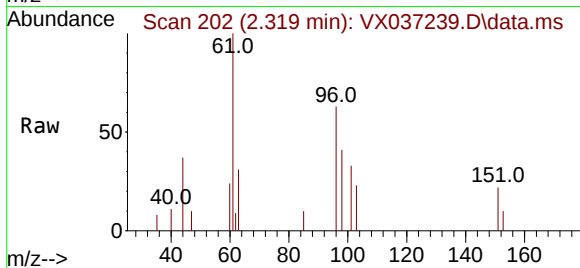
Tgt Ion: 96 Resp: 860

Ion Ratio Lower Upper

96 100

61 158.4 144.6 216.8

98 64.4 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 0.642 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

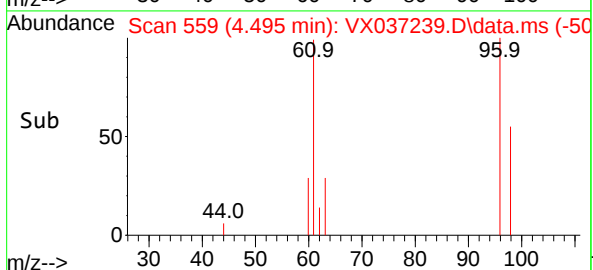
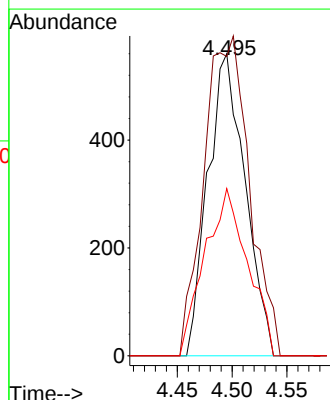
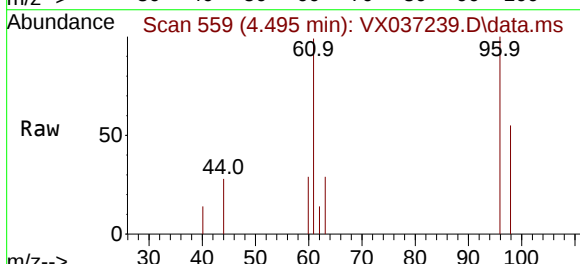
Tgt Ion: 96 Resp: 1324

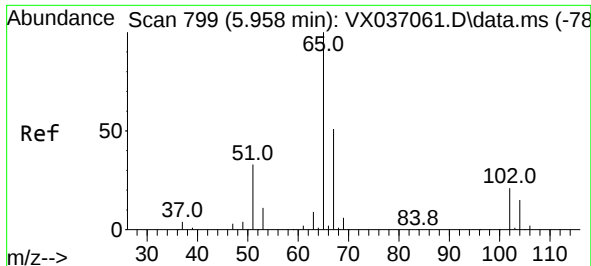
Ion Ratio Lower Upper

96 100

61 128.9 0.0 312.2

98 63.7 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 43.943 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

Instrument :

MSVOA_X

ClientSampleId :

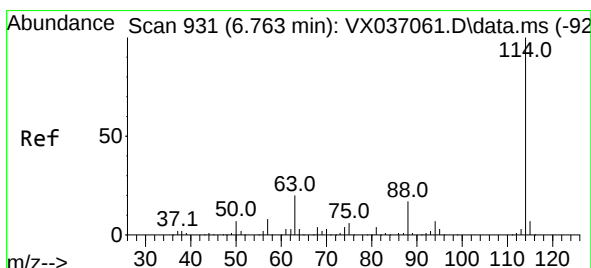
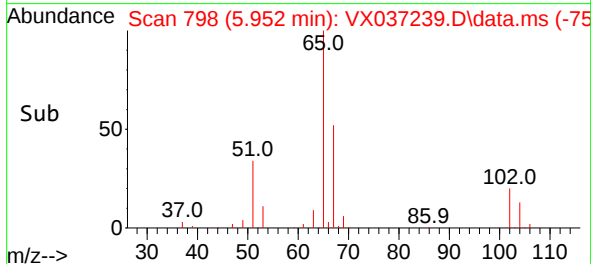
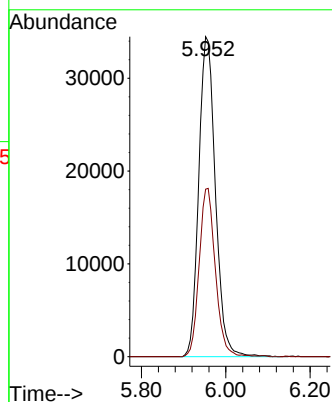
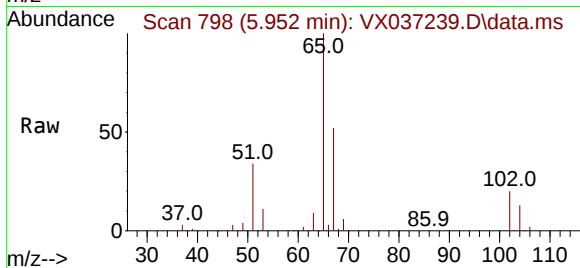
RE117D1-20230816

Tgt Ion: 65 Resp: 94741

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

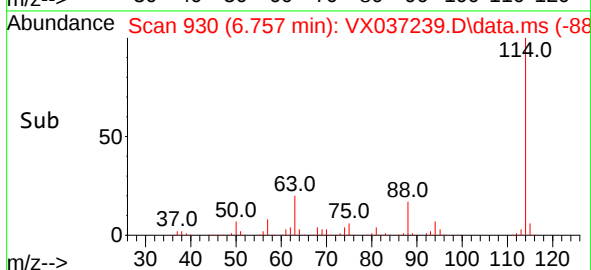
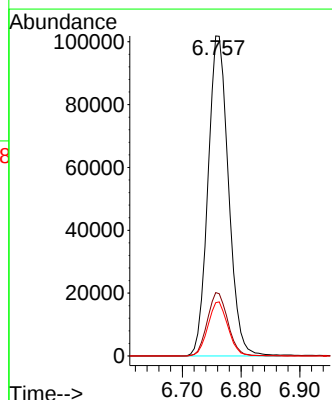
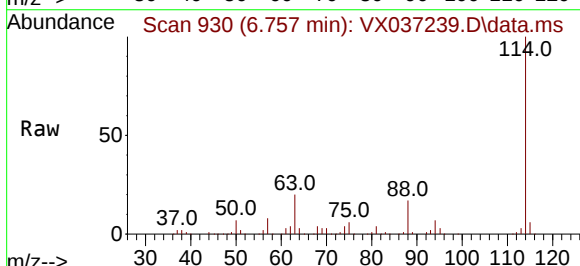
Tgt Ion: 114 Resp: 246672

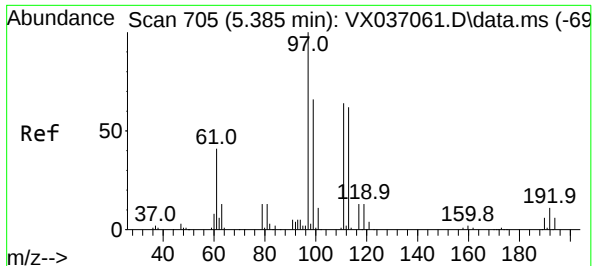
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.943 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037239.D

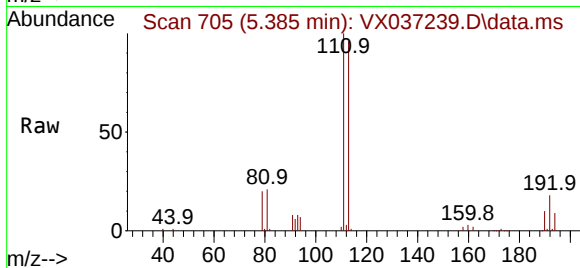
Acq: 25 Aug 2023 01:35

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20230816



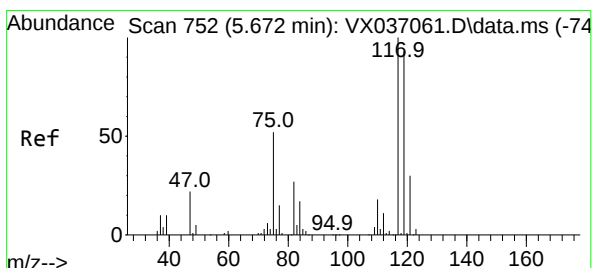
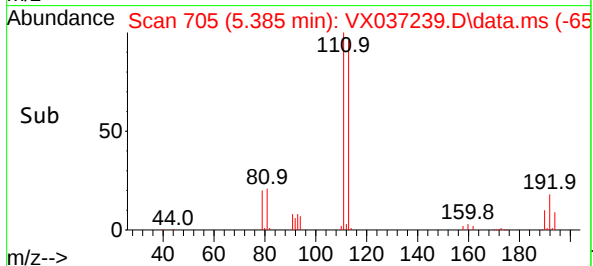
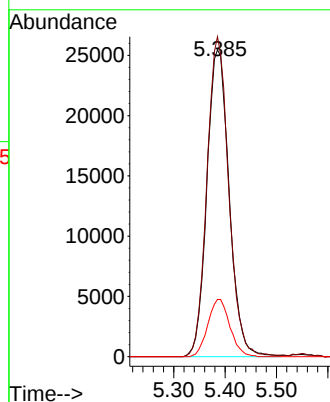
Tgt Ion:113 Resp: 76689

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.4 13.3 19.9



#38

Carbon Tetrachloride

Concen: 0.785 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

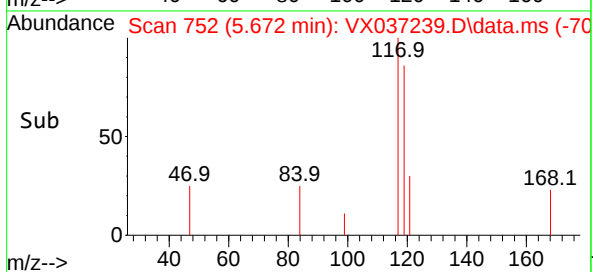
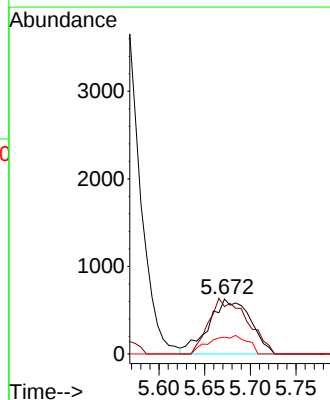
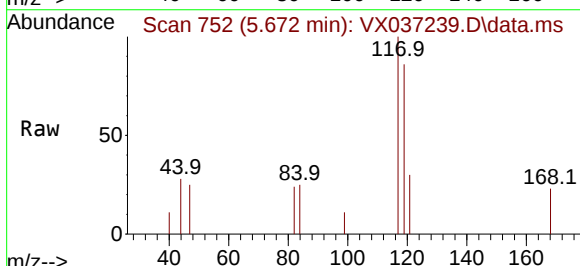
Tgt Ion:117 Resp: 1980

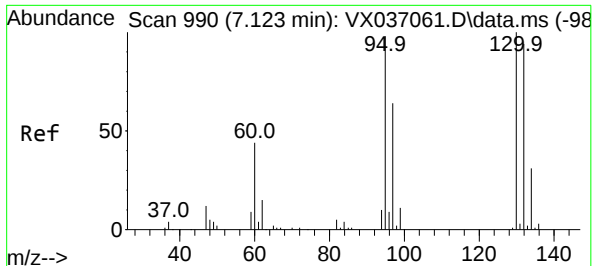
Ion Ratio Lower Upper

117 100

119 86.1 78.2 117.2

121 30.5 24.4 36.6

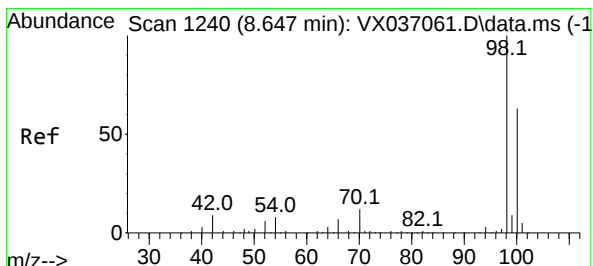
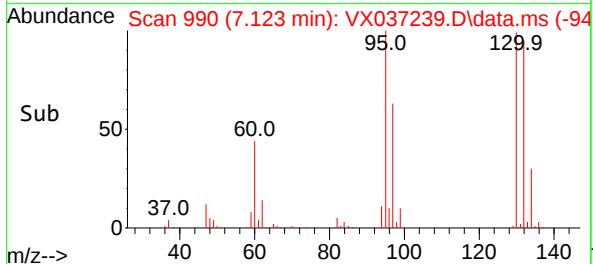
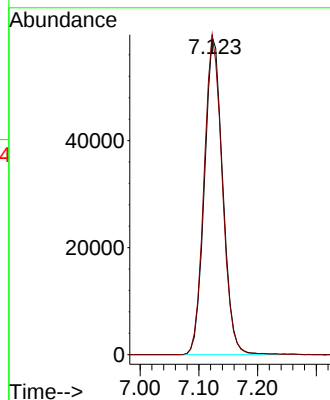
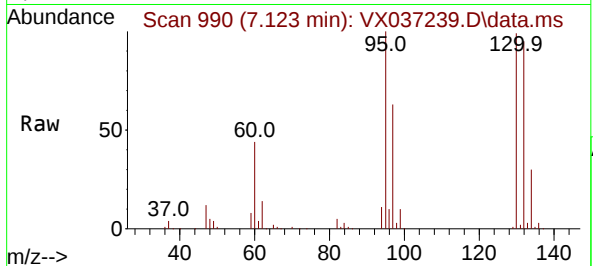




#44
Trichloroethene
Concen: 68.014 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037239.D
Acq: 25 Aug 2023 01:35

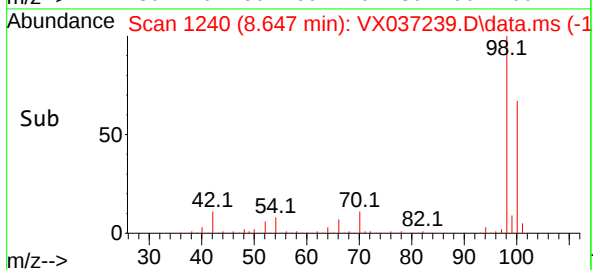
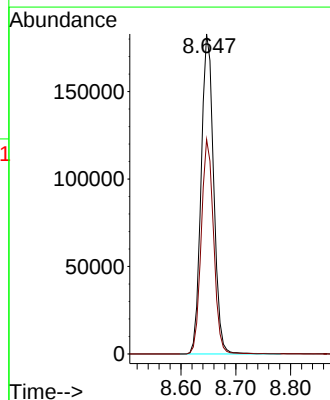
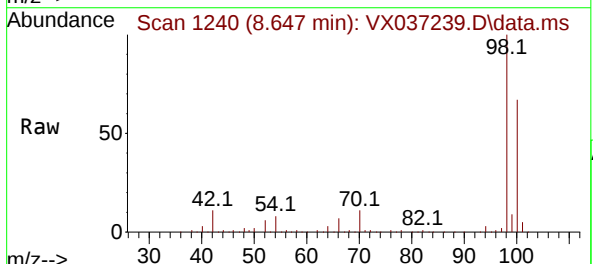
Instrument :
MSVOA_X
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RE117D1-20230816

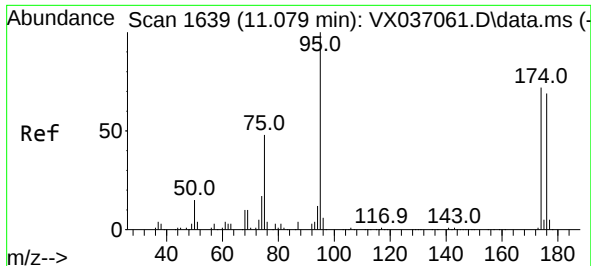
Tgt Ion:130 Resp: 128377
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.4



#50
Toluene-d8
Concen: 48.953 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037239.D
Acq: 25 Aug 2023 01:35

Tgt Ion: 98 Resp: 290087
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.629 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037239.D

Acq: 25 Aug 2023 01:35

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20230816

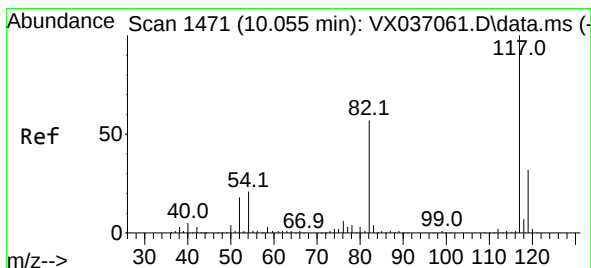
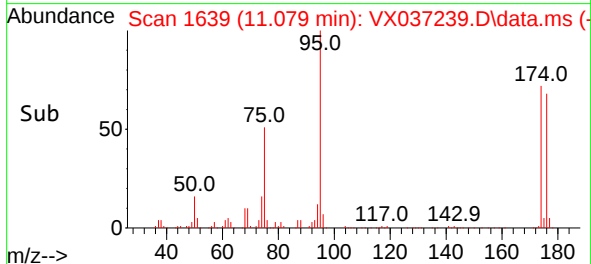
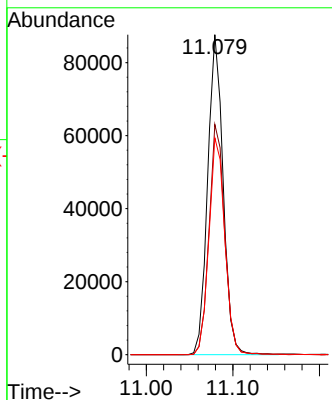
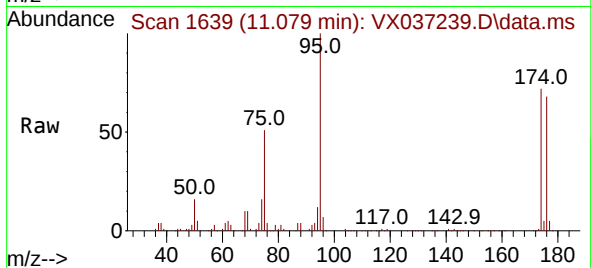
Tgt Ion: 95 Resp: 108589

Ion Ratio Lower Upper

95 100

174 72.8 0.0 135.6

176 70.0 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: VX037239.D

Acq: 25 Aug 2023 01:35

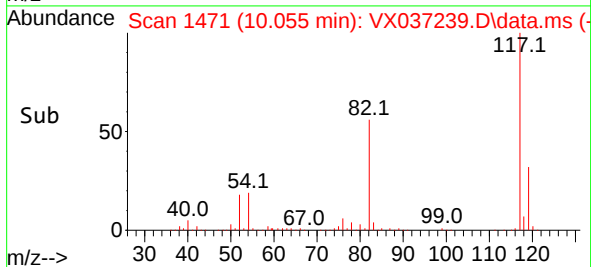
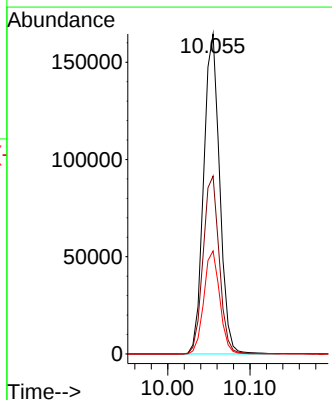
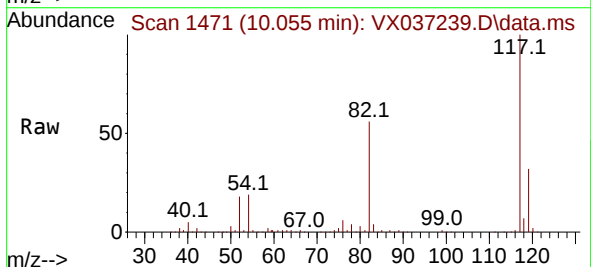
Tgt Ion: 117 Resp: 222561

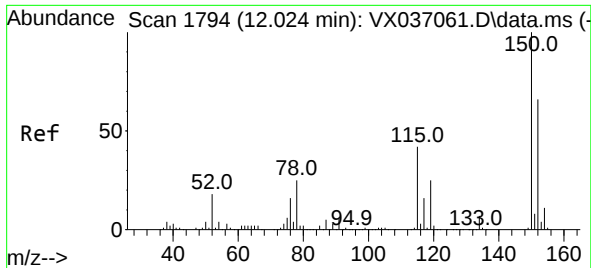
Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

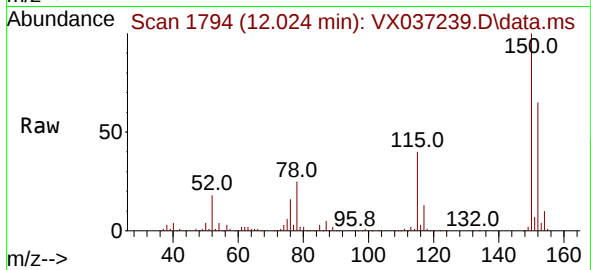
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037239.D
 Acq: 25 Aug 2023 01:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20230816



Tgt Ion:152 Resp: 100674
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.3 129.9
 150 157.0 0.0 345.0

