

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037254.D
 Acq On : 25 Aug 2023 07:36
 Operator : JC/MD
 Sample : 04077-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230816

Quant Time: Aug 25 08:30:58 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)

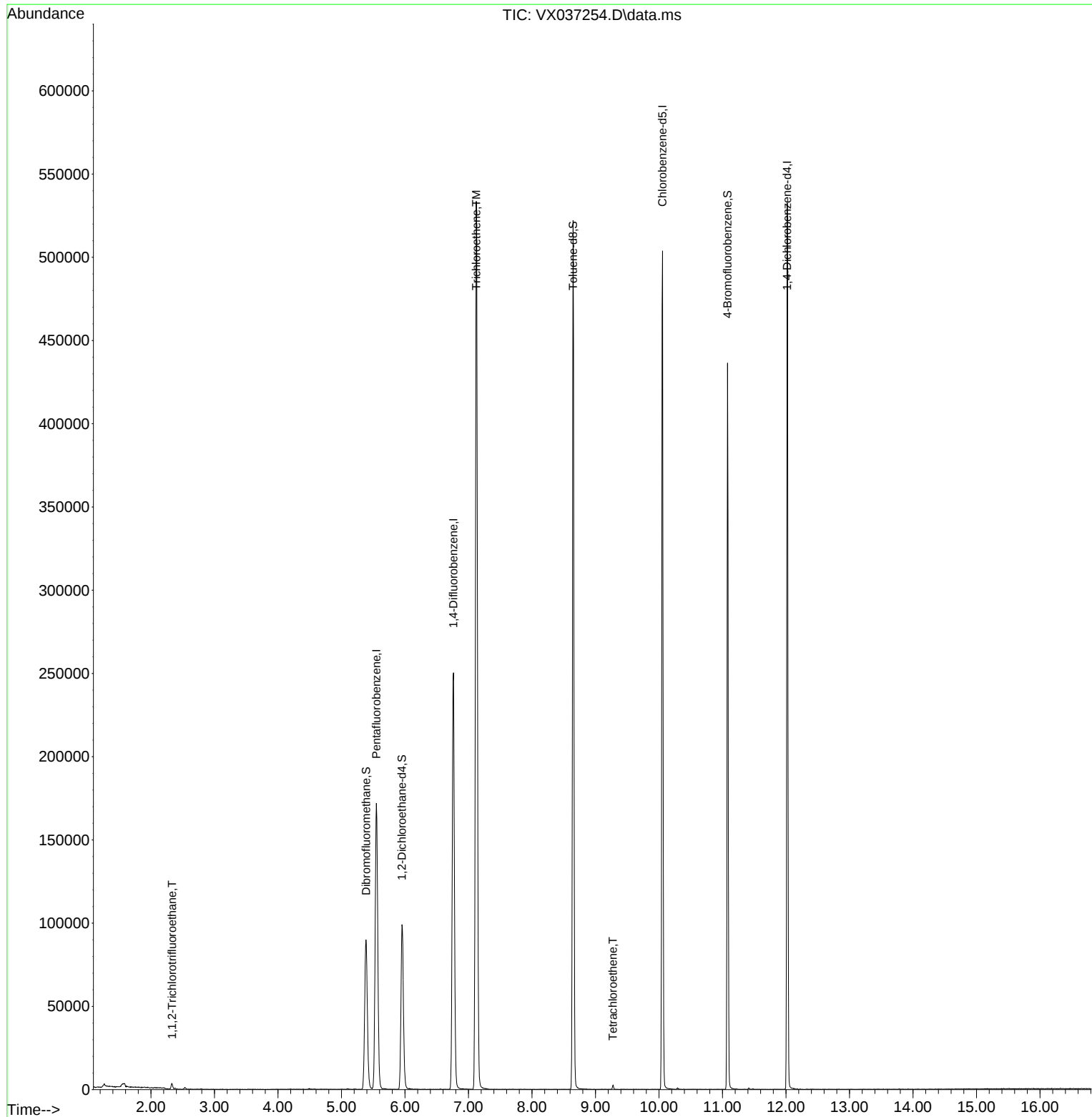
Internal Standards						
1) Pentafluorobenzene	5.550	168	160849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99281	42.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.620%
35) Dibromofluoromethane	5.385	113	80152	45.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.647	98	308469	48.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	115392	46.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1479	0.870	ug/l	96
44) Trichloroethene	7.123	130	212264	105.138	ug/l	98
64) Tetrachloroethene	9.275	164	448	0.261	ug/l #	82

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

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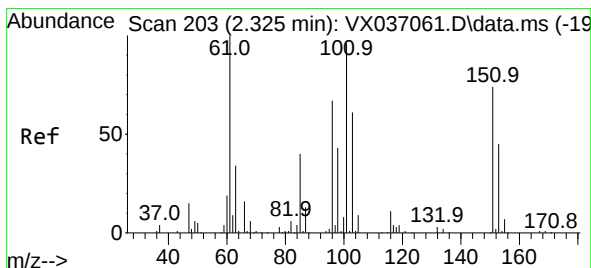
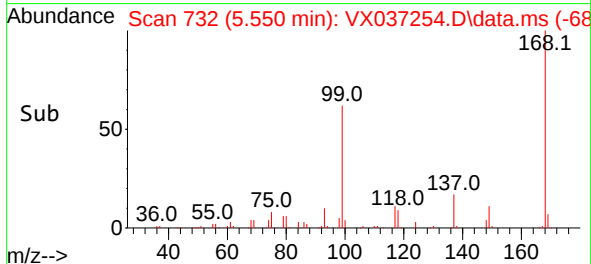
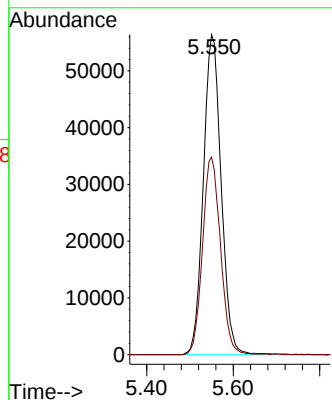
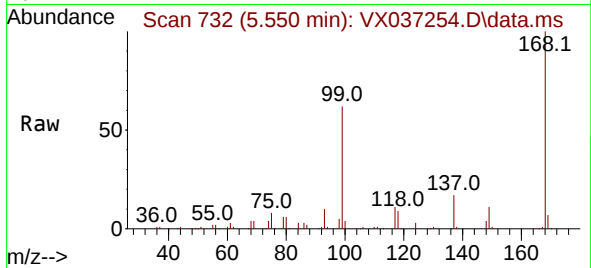




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

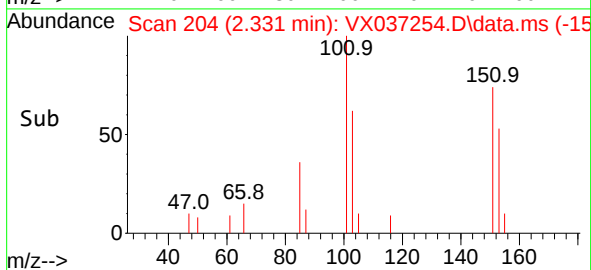
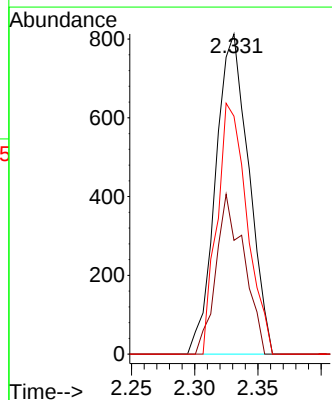
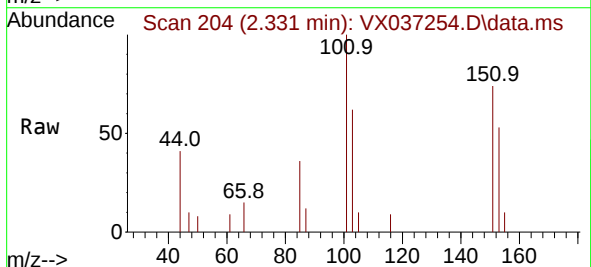
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20230816

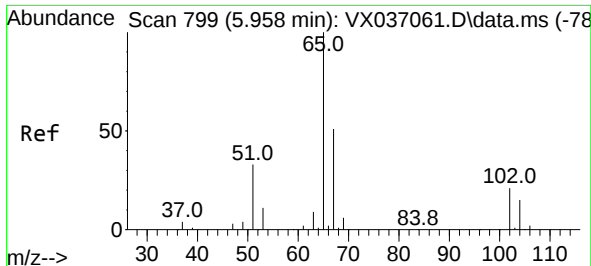
Tgt Ion:168 Resp: 160849
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.870 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

Tgt Ion:101 Resp: 1479
Ion Ratio Lower Upper
101 100
85 42.3 37.0 55.6
151 70.8 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 42.813 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037254.D

Acq: 25 Aug 2023 07:36

Instrument :

MSVOA_X

ClientSampleId :

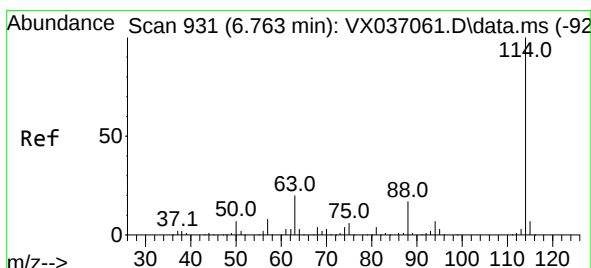
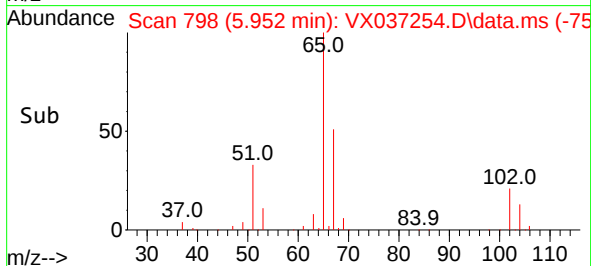
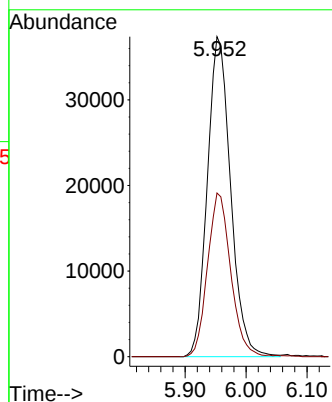
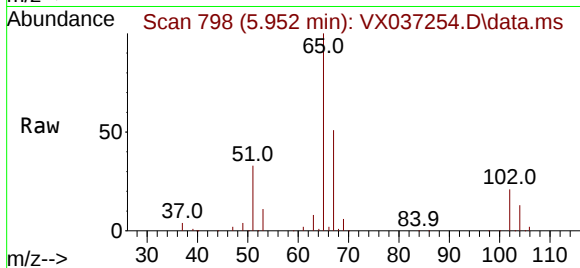
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Tgt Ion: 65 Resp: 99281

Ion Ratio Lower Upper

65 100

67 51.2 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: VX037254.D

Acq: 25 Aug 2023 07:36

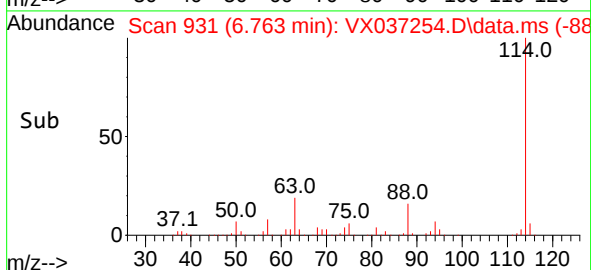
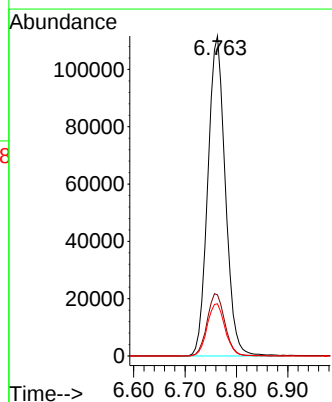
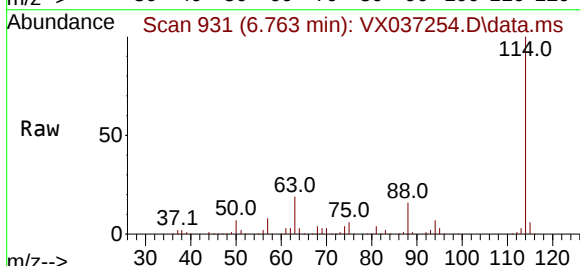
Tgt Ion: 114 Resp: 263844

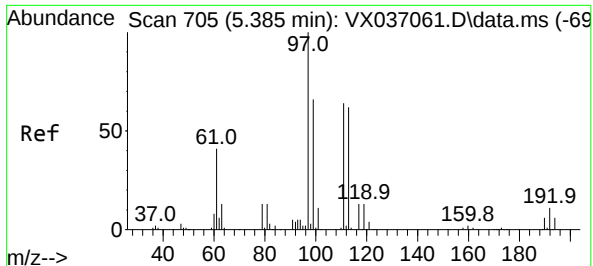
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.870 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037254.D

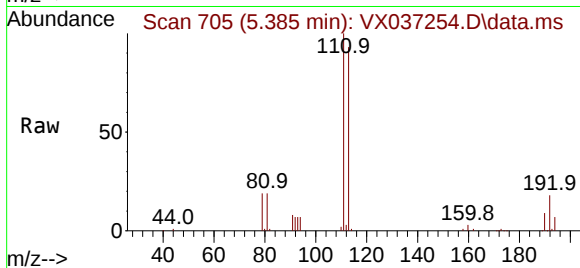
Acq: 25 Aug 2023 07:36

Instrument :

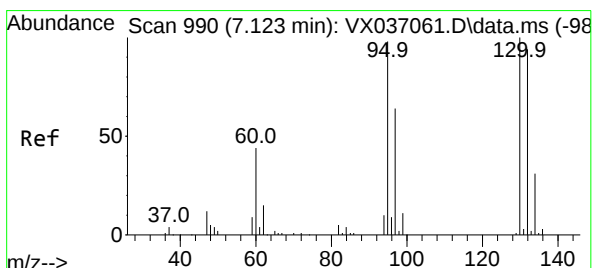
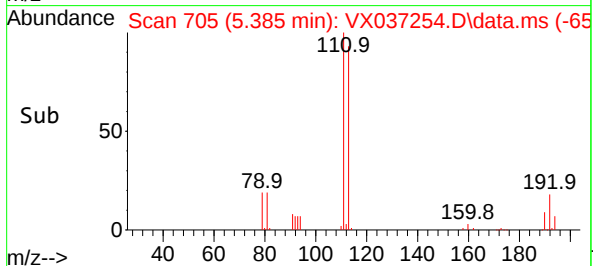
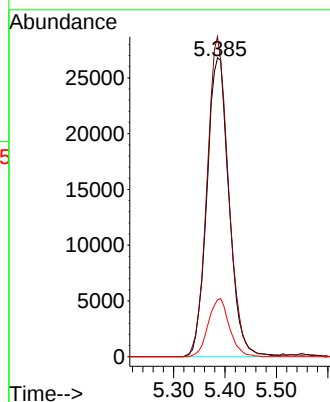
MSVOA_X

ClientSampleId :

RE103D3-20230816



Tgt Ion:	113	Resp:	80152
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.9	124.3
192	18.5	13.3	19.9



#44

Trichloroethene

Concen: 105.138 ug/l

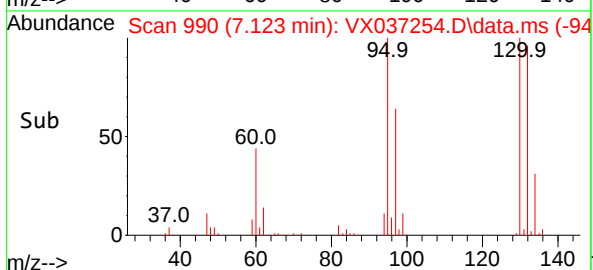
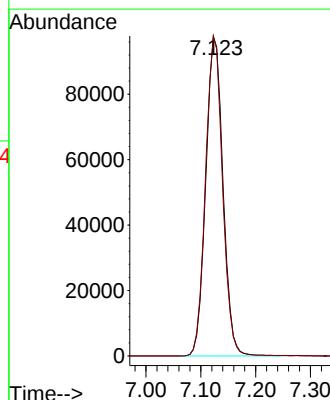
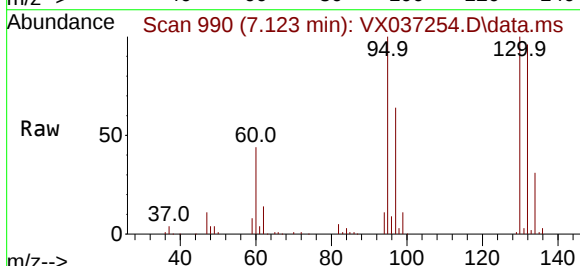
RT: 7.123 min Scan# 990

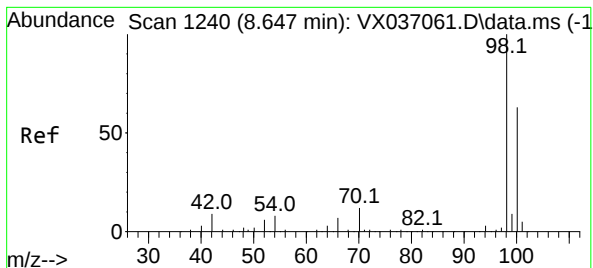
Delta R.T. 0.000 min

Lab File: VX037254.D

Acq: 25 Aug 2023 07:36

Tgt Ion:	130	Resp:	212264
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	204.4





#50

Toluene-d8

Concen: 48.667 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037254.D

Acq: 25 Aug 2023 07:36

Instrument :

MSVOA_X

ClientSampleId :

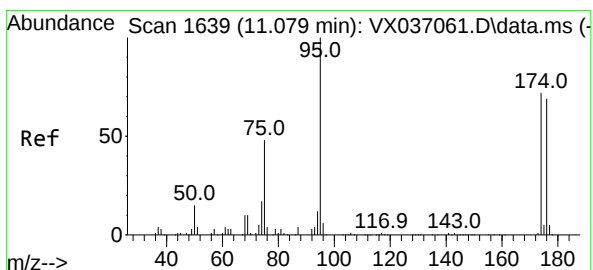
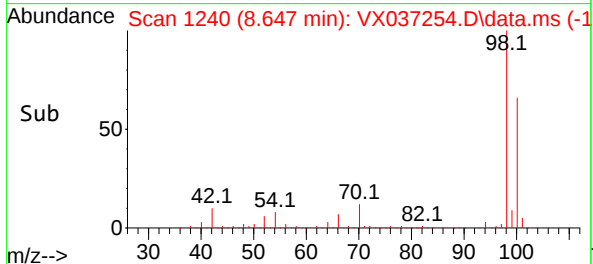
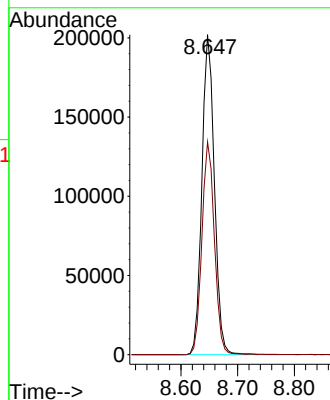
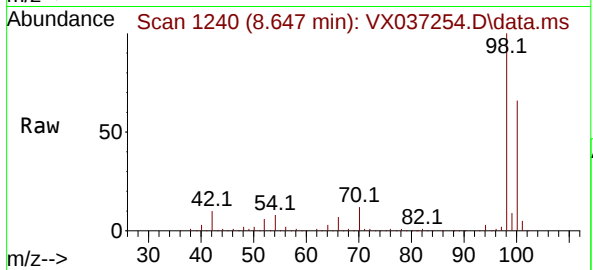
RE103D3-20230816

Tgt Ion: 98 Resp: 308469

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.325 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037254.D

Acq: 25 Aug 2023 07:36

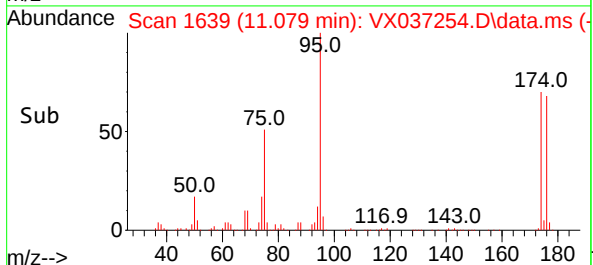
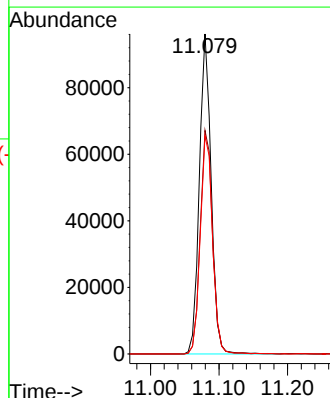
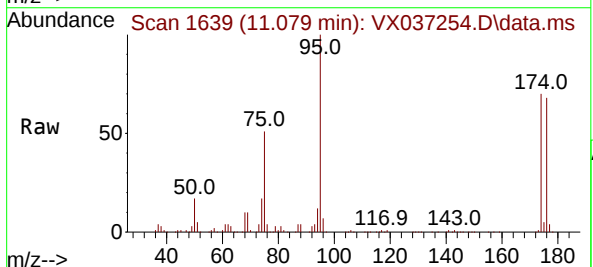
Tgt Ion: 95 Resp: 115392

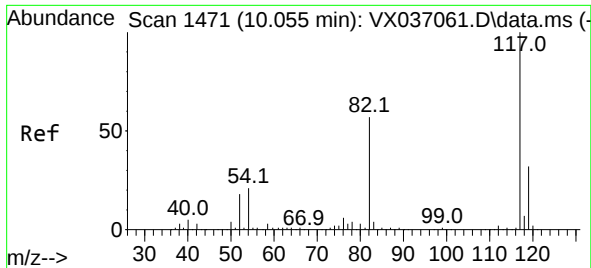
Ion Ratio Lower Upper

95 100

174 72.8 0.0 135.6

176 71.2 0.0 131.0

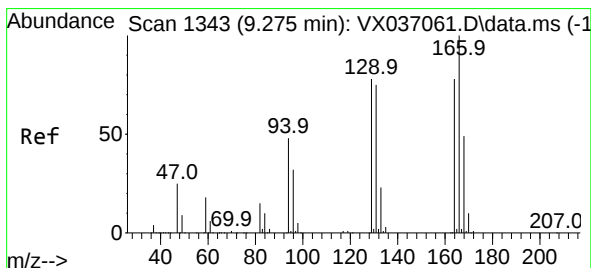
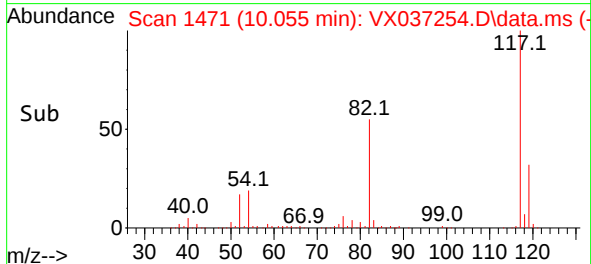
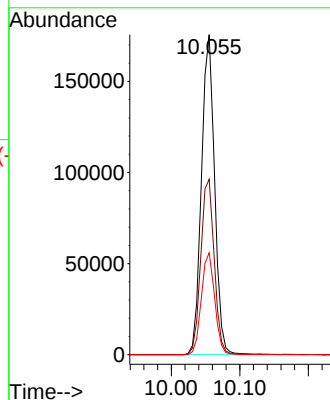
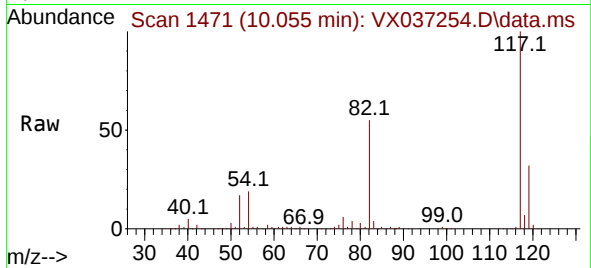




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

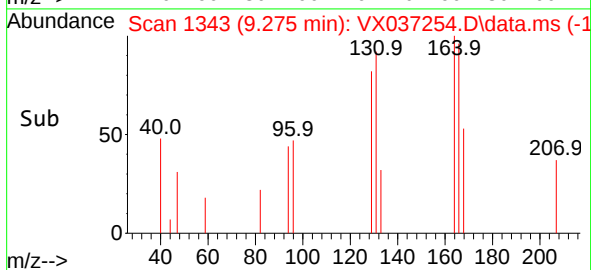
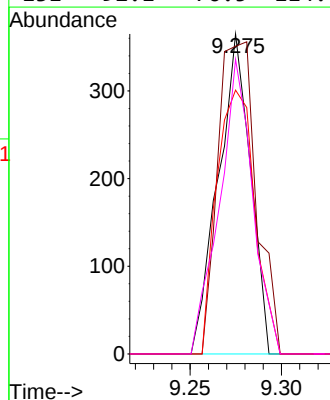
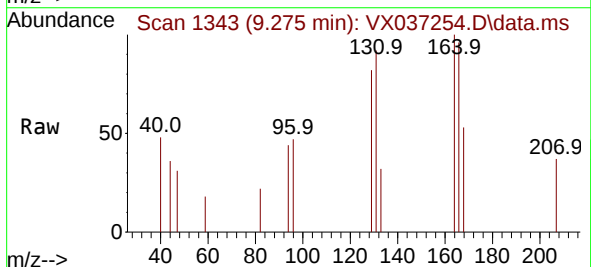
Instrument :
MSVOA_X
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RE103D3-20230816

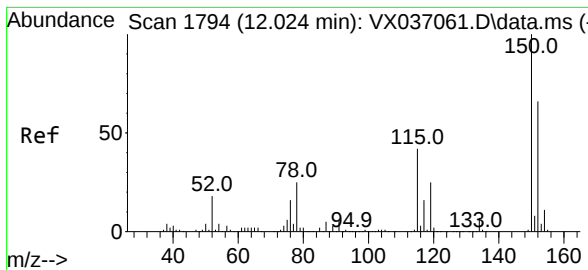
Tgt Ion:117 Resp: 235561
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 0.261 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037254.D
Acq: 25 Aug 2023 07:36

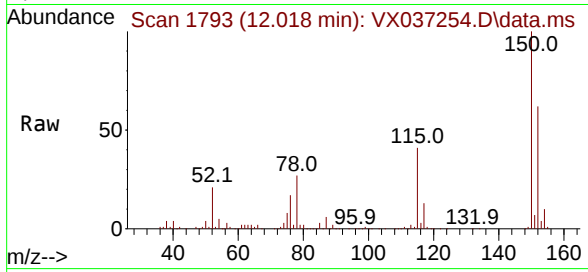
Tgt Ion:164 Resp: 448
Ion Ratio Lower Upper
164 100
166 96.2 102.7 154.1#
129 82.5 80.4 120.6
131 92.1 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037254.D
 Acq: 25 Aug 2023 07:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20230816



Tgt Ion:152 Resp: 107512
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 158.3 0.0 345.0

