

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037322.D
 Acq On : 29 Aug 2023 05:58
 Operator : JC/MD
 Sample : 04126-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20230821

Quant Time: Aug 29 07:21:37 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)

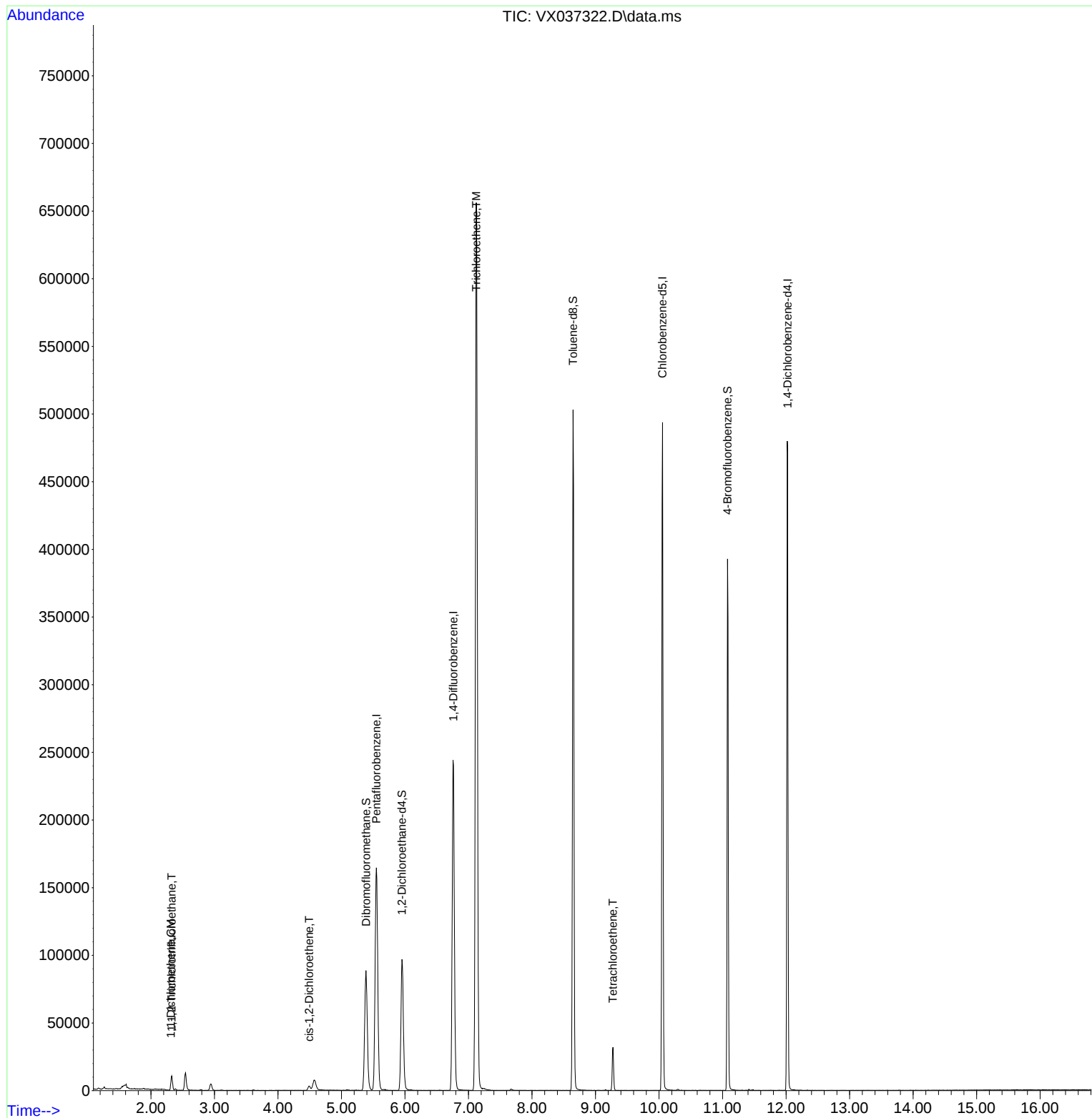
Internal Standards						
1) Pentafluorobenzene	5.550	168	156915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97461	43.082	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.160%
35) Dibromofluoromethane	5.385	113	78710	45.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	302254	48.576	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	110625	45.240	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.480%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	3825	2.306	ug/l	94
12) 1,1-Dichloroethene	2.312	96	757	0.469	ug/l #	76
27) cis-1,2-Dichloroethene	4.489	96	2594	1.198	ug/l	73
44) Trichloroethene	7.123	130	267971	135.207	ug/l	97
64) Tetrachloroethene	9.275	164	6101	3.656	ug/l	92

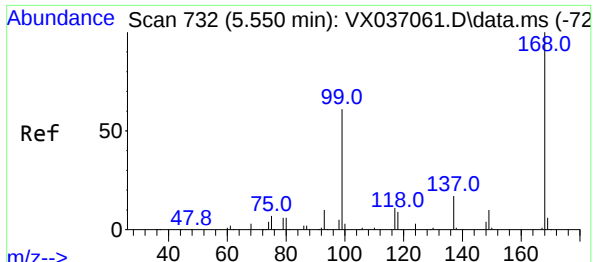
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

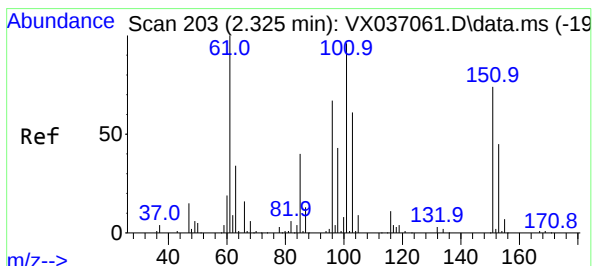
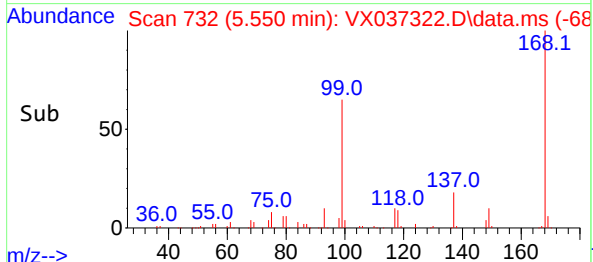
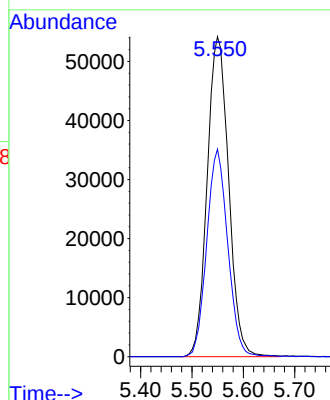
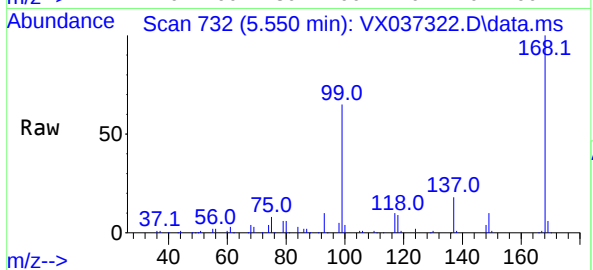




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

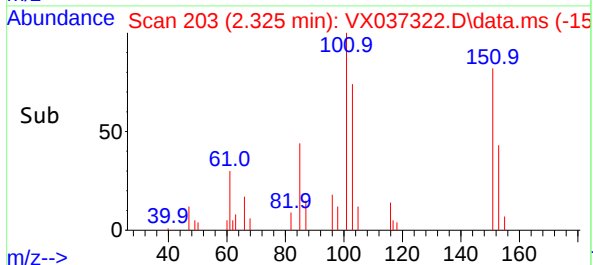
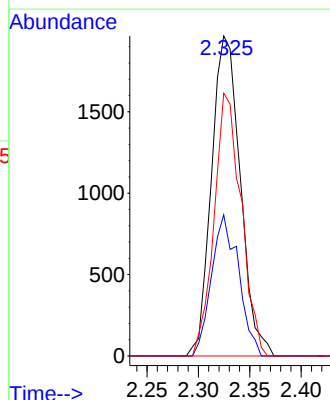
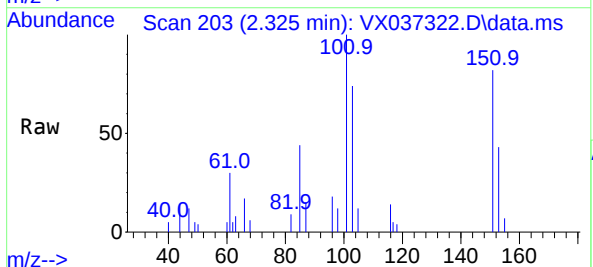
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230821

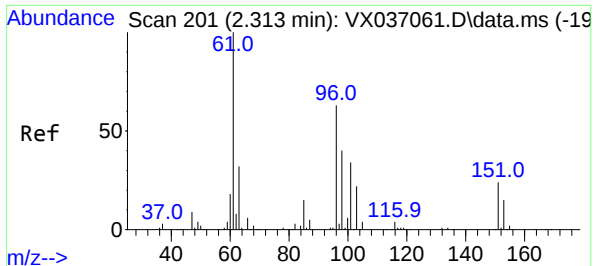
Tgt Ion:168 Resp: 156915
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.306 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

Tgt Ion:101 Resp: 3825
Ion Ratio Lower Upper
101 100
85 41.4 37.0 55.6
151 77.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.469 ug/l

RT: 2.312 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX037322.D

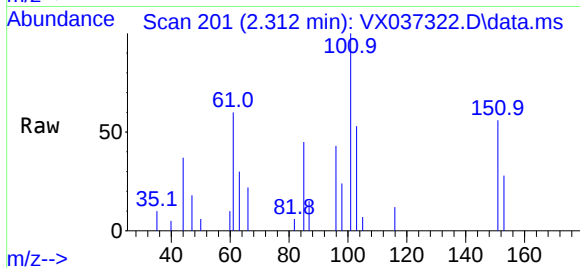
Acq: 29 Aug 2023 05:58

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20230821



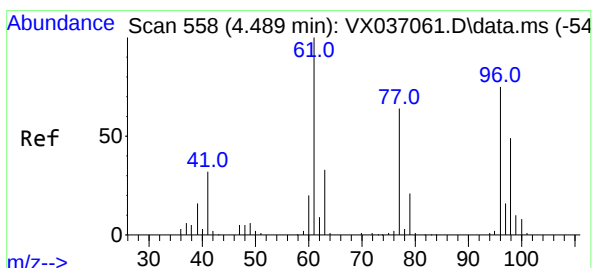
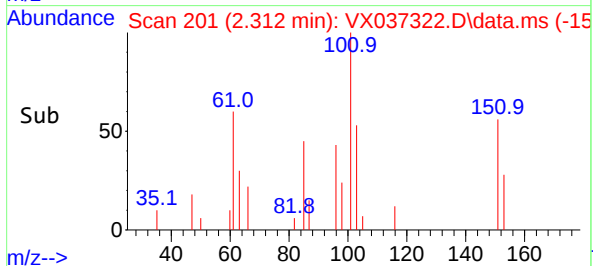
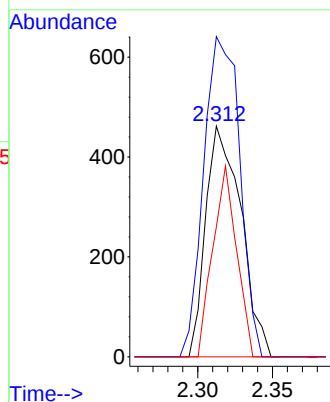
Tgt Ion: 96 Resp: 757

Ion Ratio Lower Upper

96 100

61 138.7 144.6 216.8#

98 56.3 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 1.198 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037322.D

Acq: 29 Aug 2023 05:58

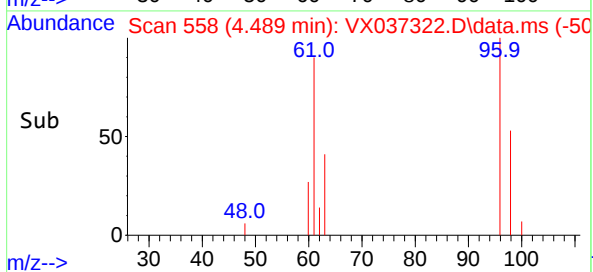
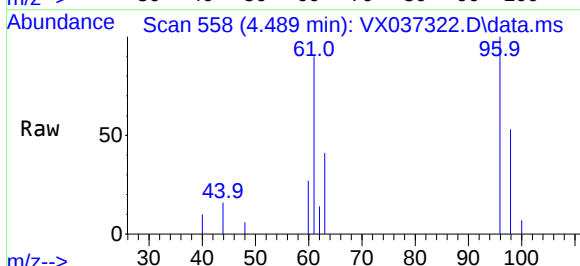
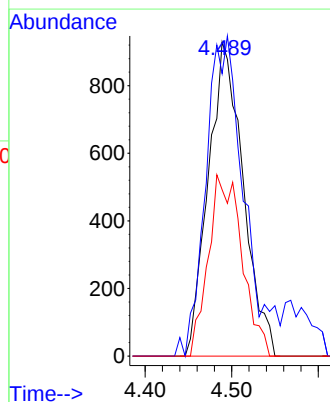
Tgt Ion: 96 Resp: 2594

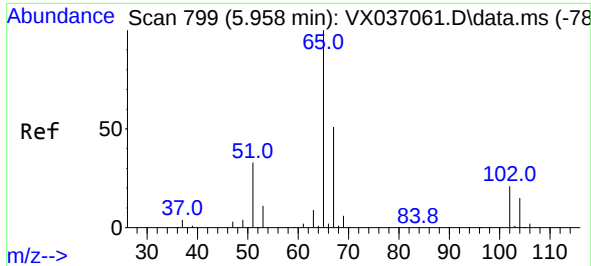
Ion Ratio Lower Upper

96 100

61 112.3 0.0 312.2

98 55.6 0.0 129.0

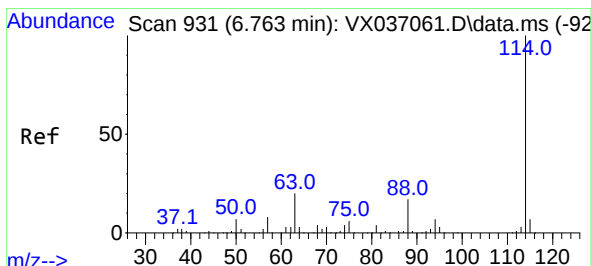
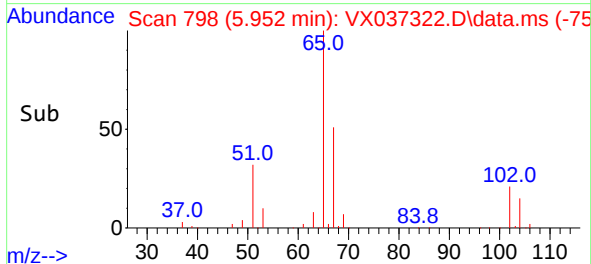
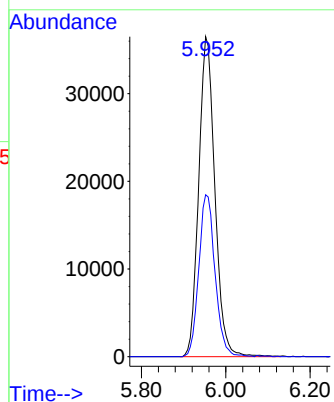
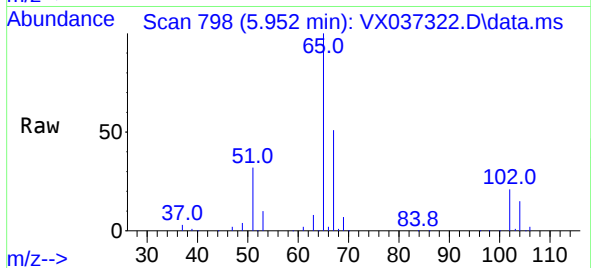




#33
 1,2-Dichloroethane-d4
 Concen: 43.082 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037322.D
 Acq: 29 Aug 2023 05:58

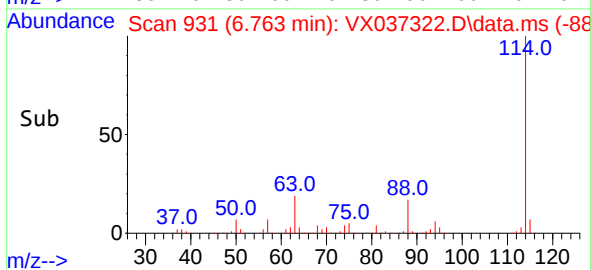
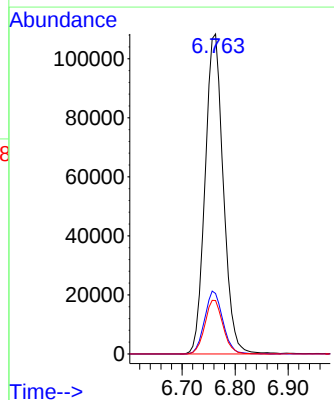
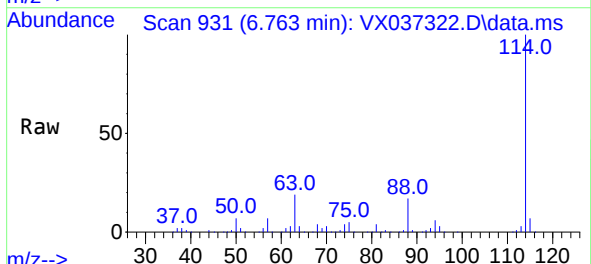
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20230821

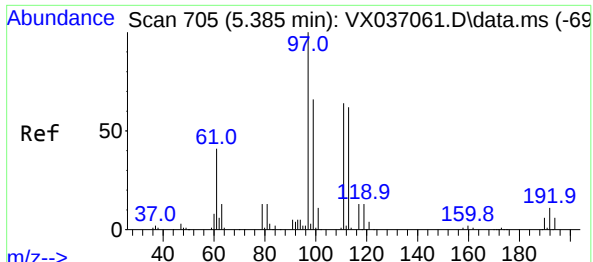
Tgt Ion: 65 Resp: 97461
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037322.D
 Acq: 29 Aug 2023 05:58

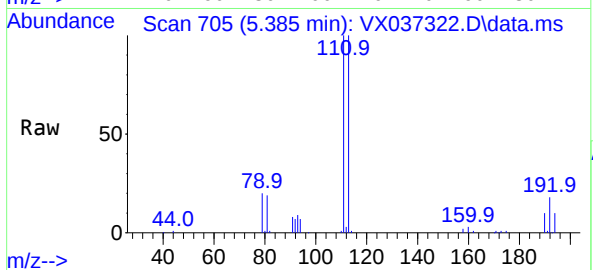
Tgt Ion: 114 Resp: 259013
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 16.7 0.0 36.6



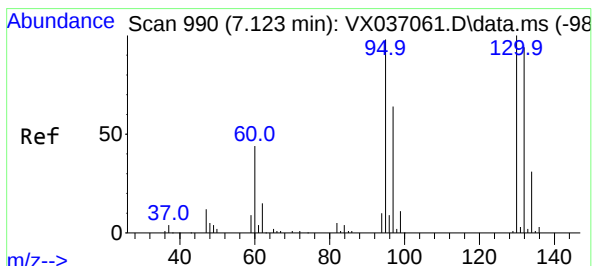
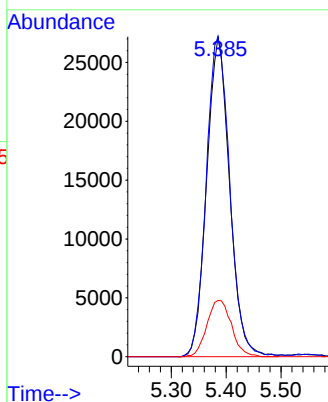
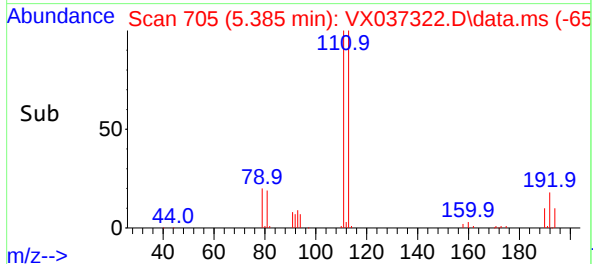


#35
Dibromofluoromethane
Concen: 45.885 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20230821

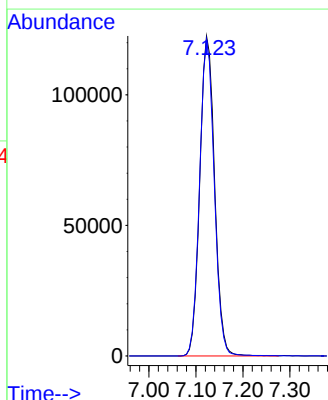
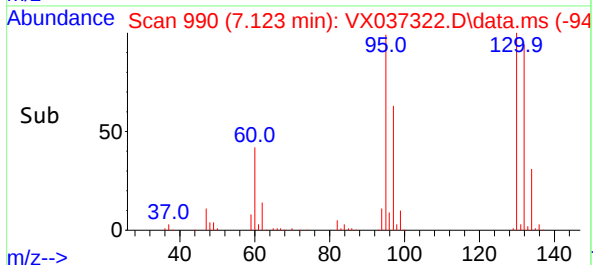
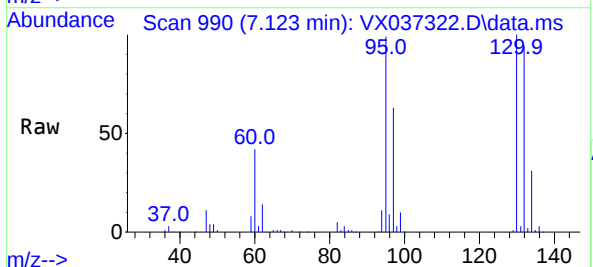


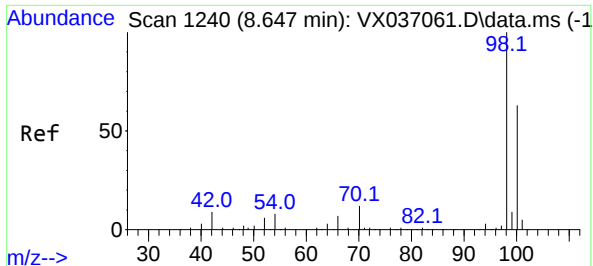
Tgt Ion:113 Resp: 78710
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.9 13.3 19.9



#44
Trichloroethene
Concen: 135.207 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

Tgt Ion:130 Resp: 267971
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4





#50

Toluene-d8

Concen: 48.576 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037322.D

Acq: 29 Aug 2023 05:58

Instrument :

MSVOA_X

ClientSampleId :

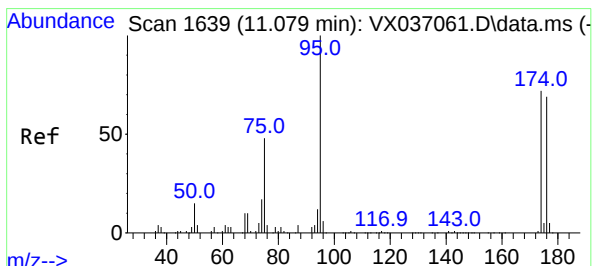
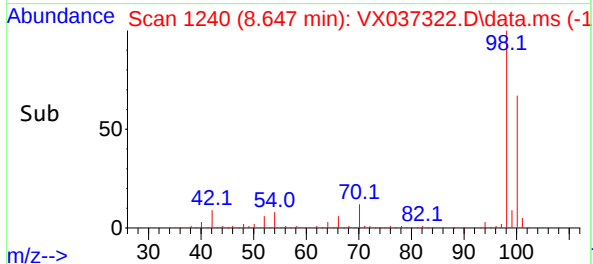
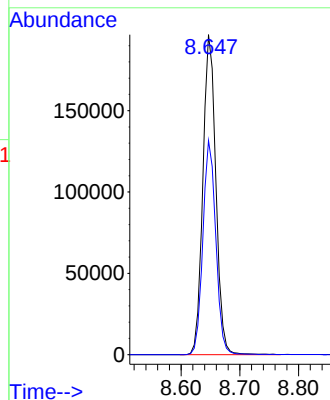
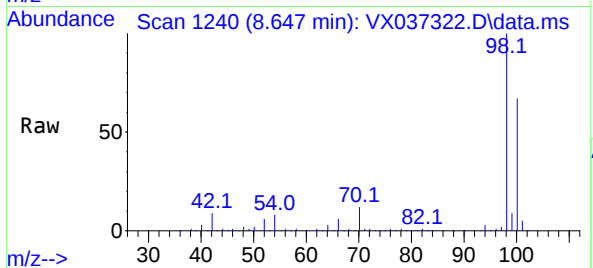
RE132D4-20230821

Tgt Ion: 98 Resp: 302254

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037322.D

Acq: 29 Aug 2023 05:58

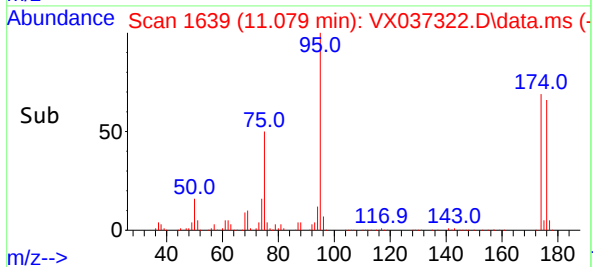
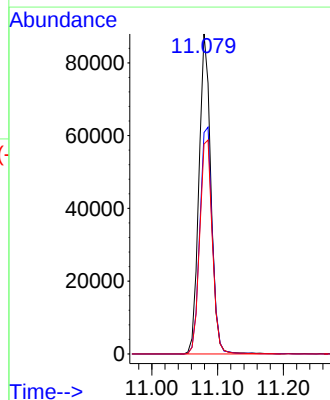
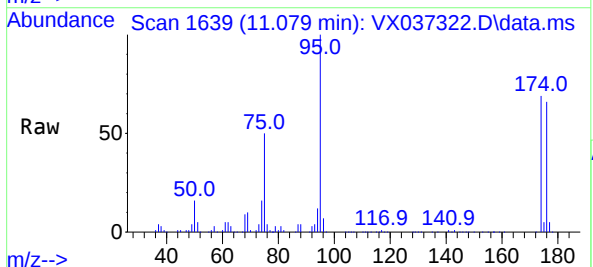
Tgt Ion: 95 Resp: 110625

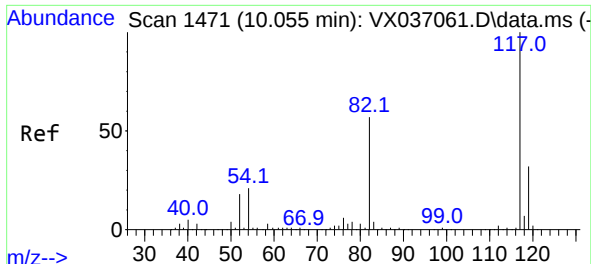
Ion Ratio Lower Upper

95 100

174 74.4 0.0 135.6

176 70.8 0.0 131.0

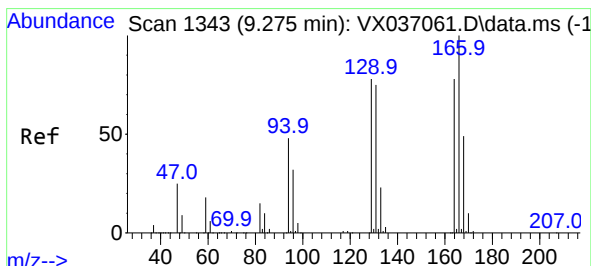
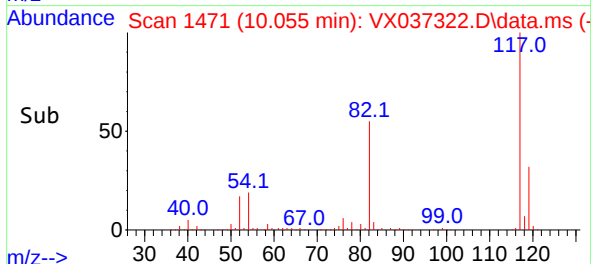
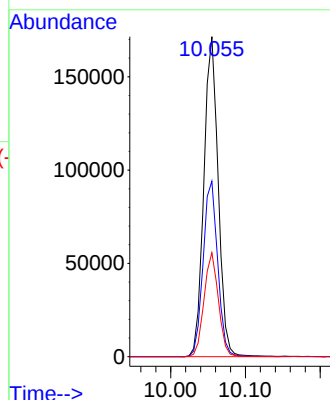
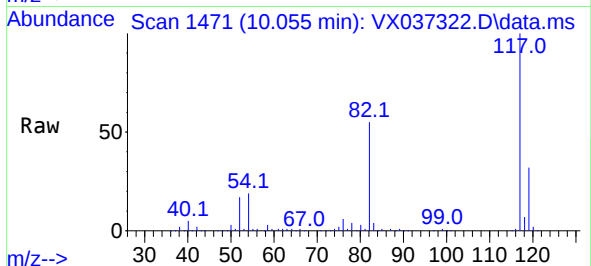




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

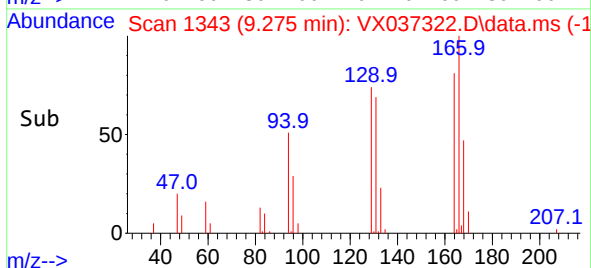
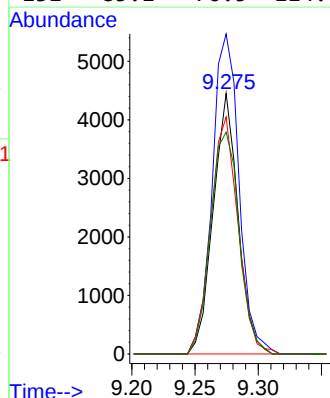
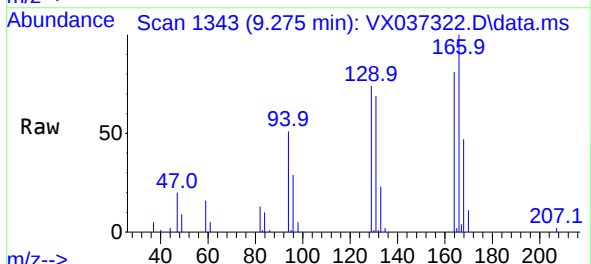
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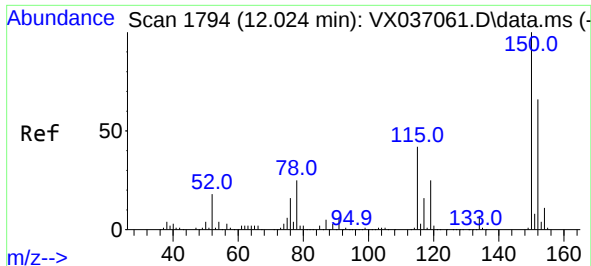
Tgt Ion:117 Resp: 228772
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 3.656 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037322.D
Acq: 29 Aug 2023 05:58

Tgt Ion:164 Resp: 6101
Ion Ratio Lower Upper
164 100
166 122.8 102.7 154.1
129 90.9 80.4 120.6
131 85.1 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: VX037322.D

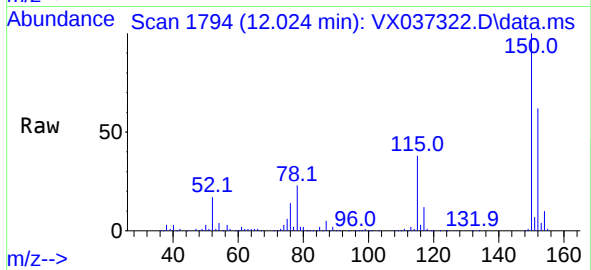
Acq: 29 Aug 2023 05:58

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20230821



Tgt Ion:152 Resp: 101348

Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 159.8 0.0 345.0

