

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037192.D
 Acq On : 23 Aug 2023 18:42
 Operator : JC/MD
 Sample : 04051-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20230816

Quant Time: Aug 24 05:36:31 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)

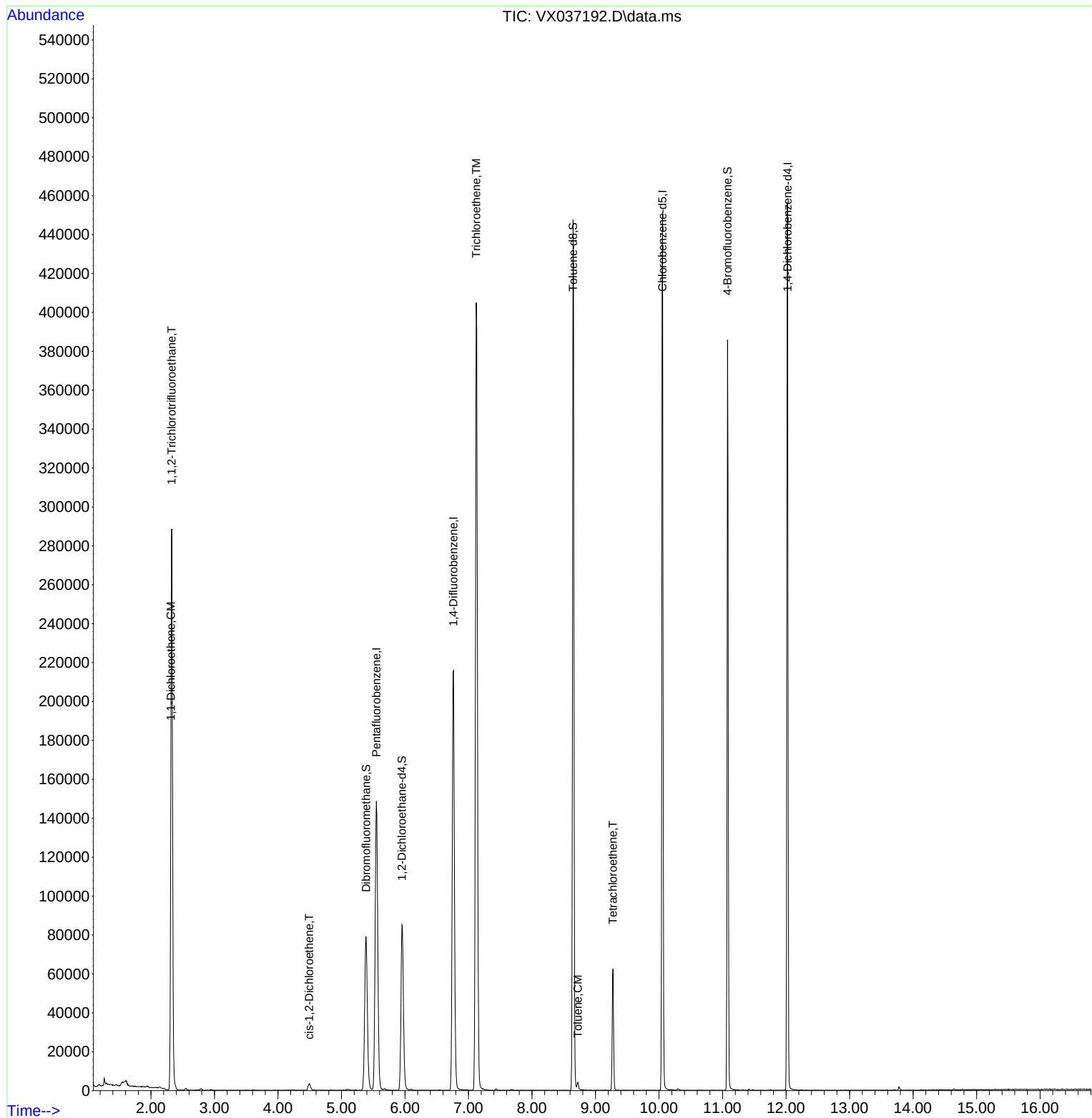
Internal Standards						
1) Pentafluorobenzene	5.550	168	137325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87438	44.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.340%		
35) Dibromofluoromethane	5.385	113	69465	45.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.640%		
50) Toluene-d8	8.647	98	266558	48.471	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.940%		
62) 4-Bromofluorobenzene	11.079	95	104283	48.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.500%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	114805	79.086	ug/l	97
12) 1,1-Dichloroethene	2.312	96	1233	0.872	ug/l	82
27) cis-1,2-Dichloroethene	4.489	96	2372	1.252	ug/l	82
44) Trichloroethene	7.123	130	161838	92.391	ug/l	99
52) Toluene	8.720	92	1608	0.394	ug/l	99
64) Tetrachloroethene	9.275	164	11769	7.800	ug/l	96

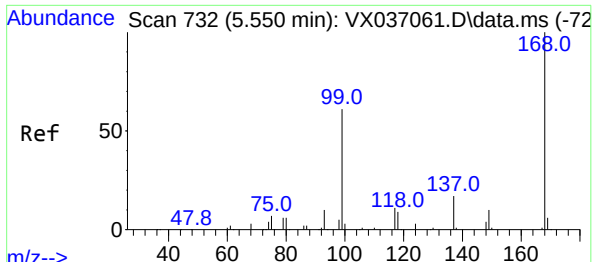
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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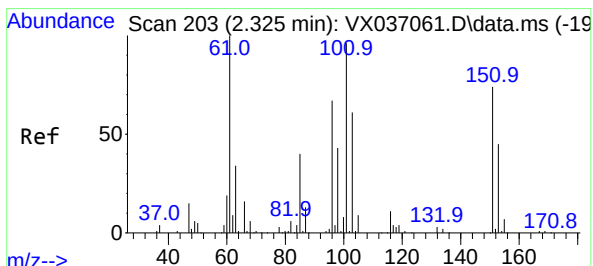
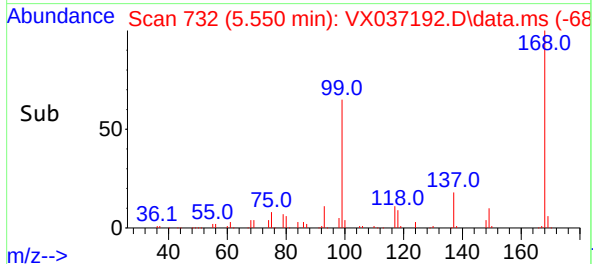
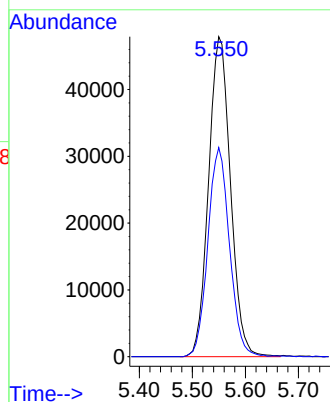
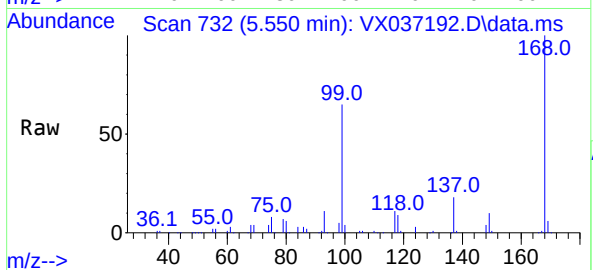




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

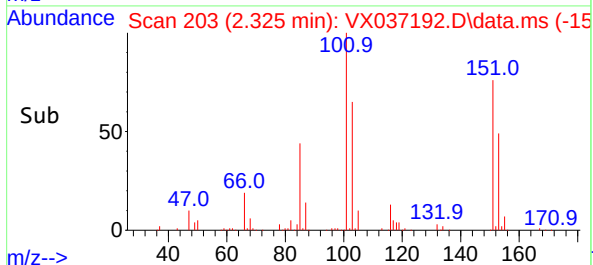
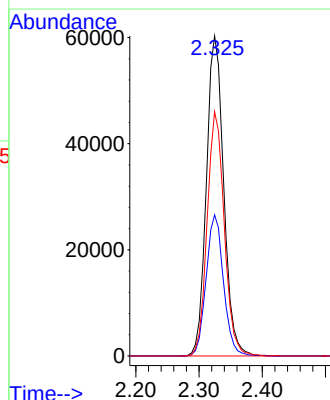
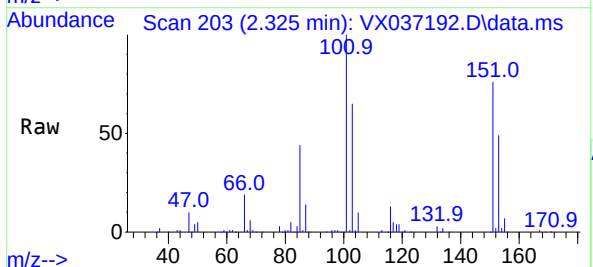
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

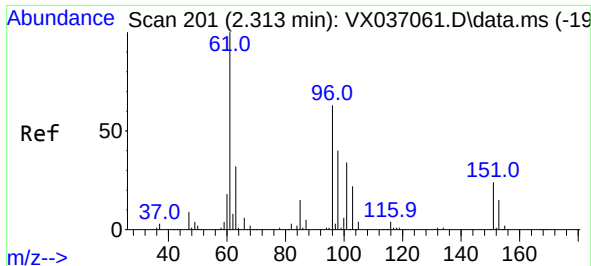
Tgt Ion:168 Resp: 137325
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 79.086 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

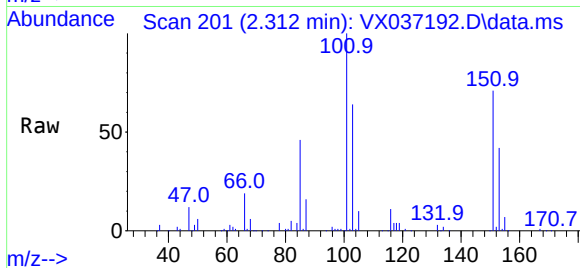
Tgt Ion:101 Resp: 114805
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 75.5 58.6 87.8





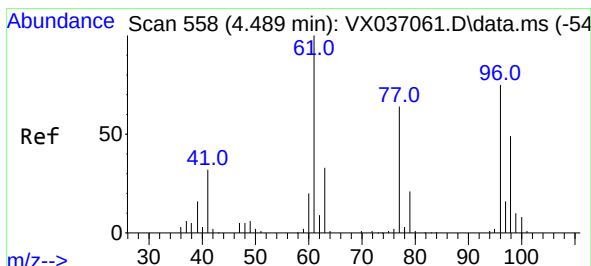
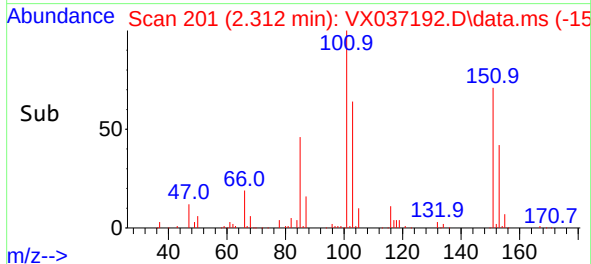
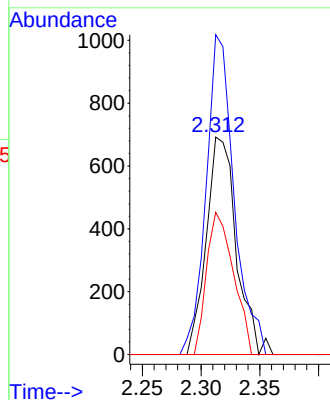
#12
1,1-Dichloroethene
Concen: 0.872 ug/l
RT: 2.312 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816



Tgt Ion: 96 Resp: 1233

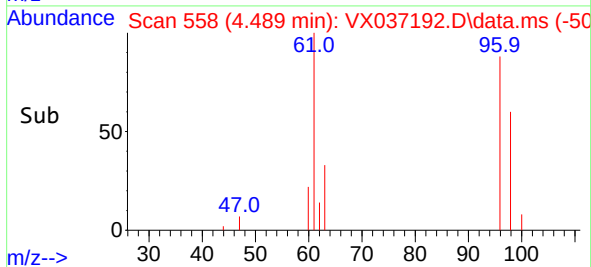
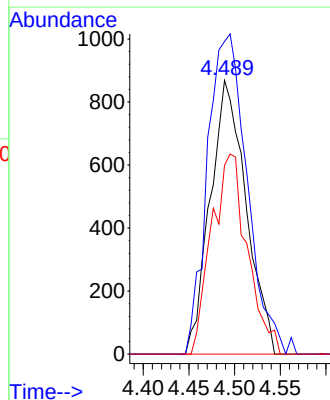
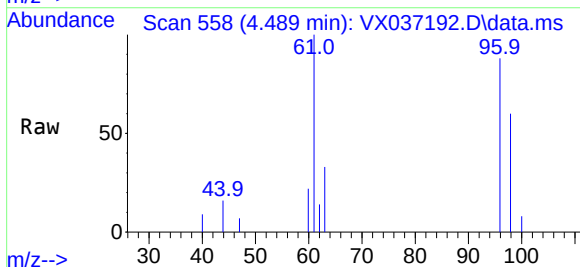
Ion	Ratio	Lower	Upper
96	100		
61	147.1	144.6	216.8
98	65.5	50.4	75.6

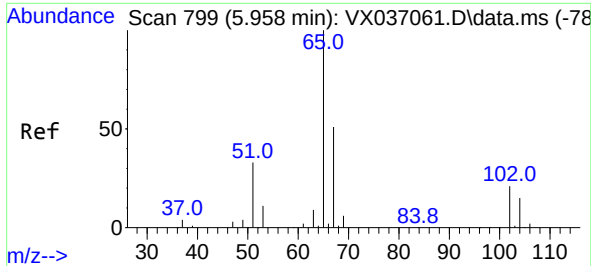


#27
cis-1,2-Dichloroethene
Concen: 1.252 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 96 Resp: 2372

Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	312.2
98	72.8	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 44.165 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037192.D

Acq: 23 Aug 2023 18:42

Instrument :

MSVOA_X

ClientSampleId :

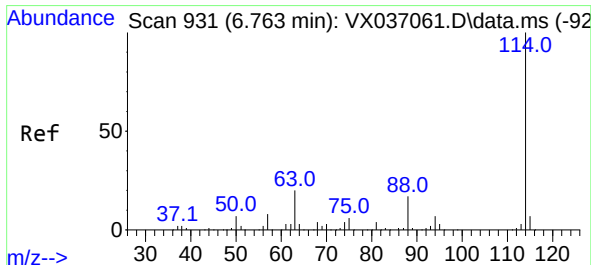
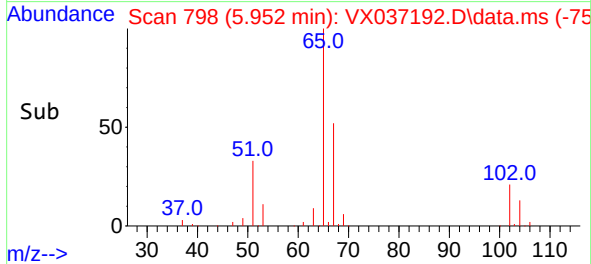
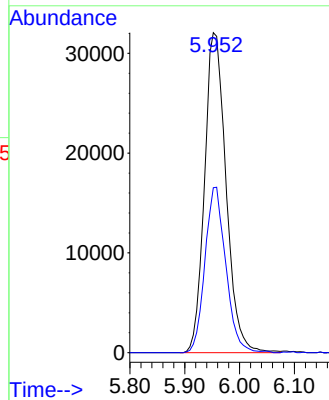
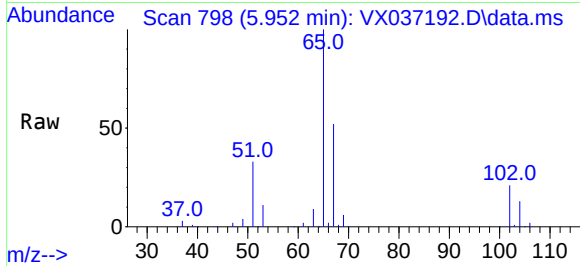
RE125D3-20230816

Tgt Ion: 65 Resp: 87438

Ion Ratio Lower Upper

65 100

67 49.9 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: VX037192.D

Acq: 23 Aug 2023 18:42

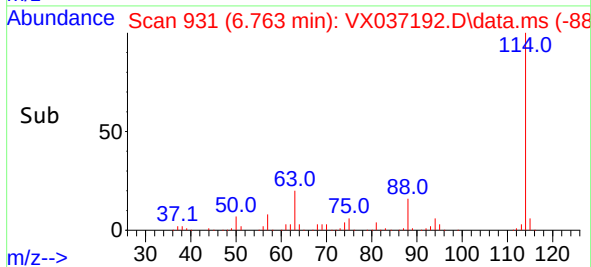
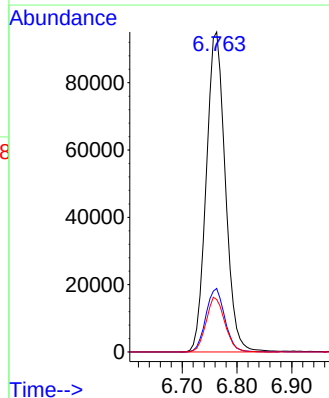
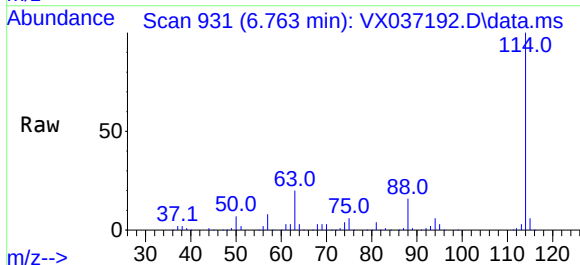
Tgt Ion: 114 Resp: 228919

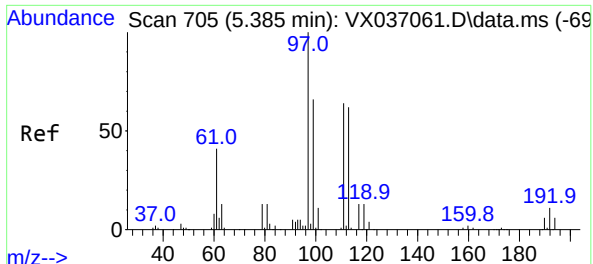
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

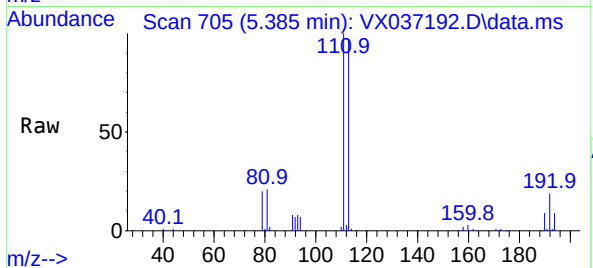
88 16.4 0.0 36.6



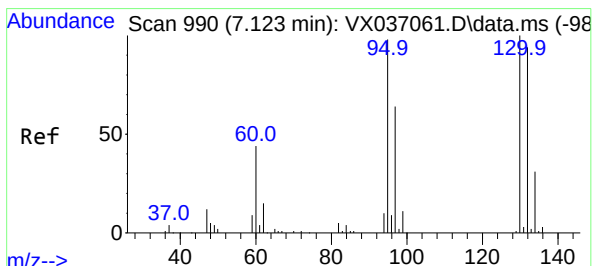
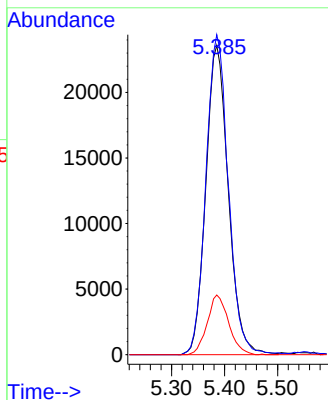
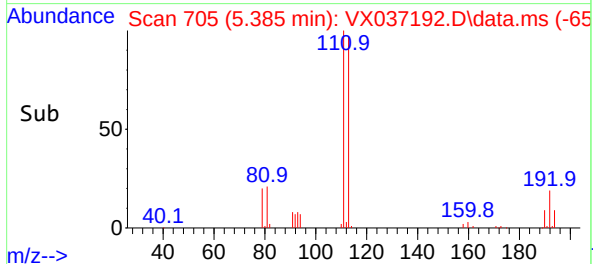


#35
Dibromofluoromethane
Concen: 45.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816

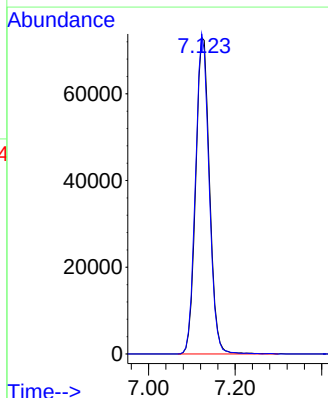
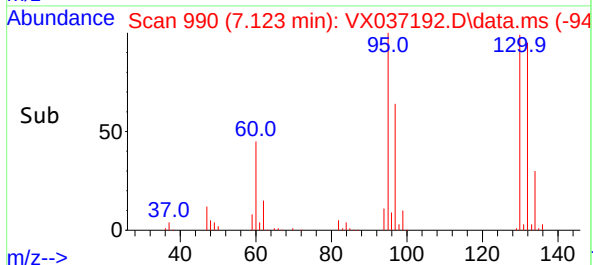
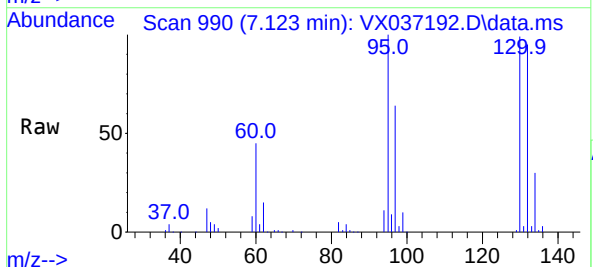


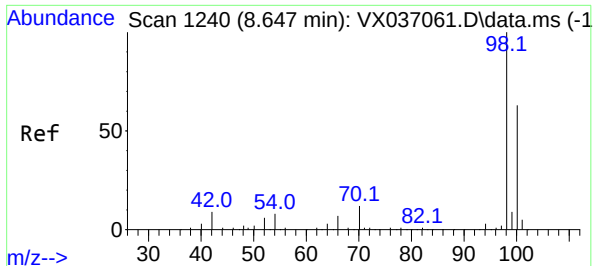
Tgt Ion:113 Resp: 69465
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.4 13.3 19.9



#44
Trichloroethene
Concen: 92.391 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Tgt Ion:130 Resp: 161838
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4

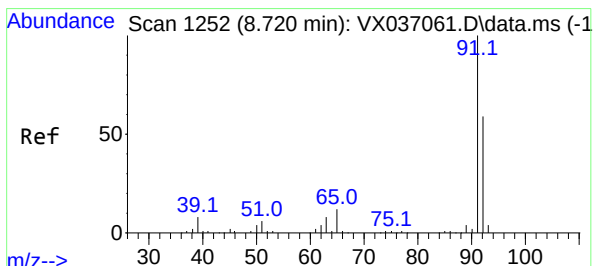
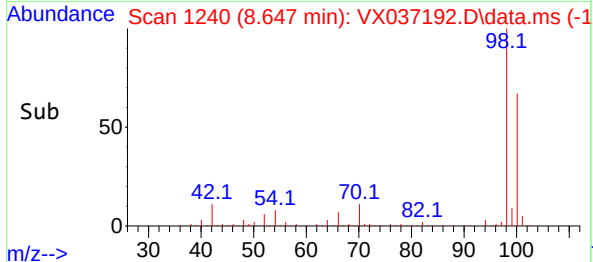
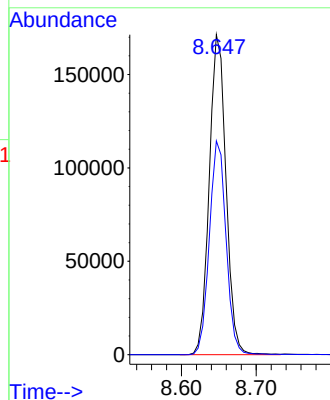
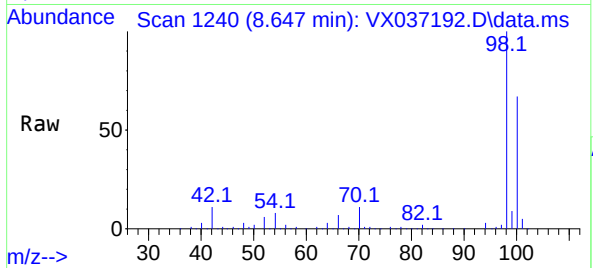




#50
Toluene-d8
Concen: 48.471 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

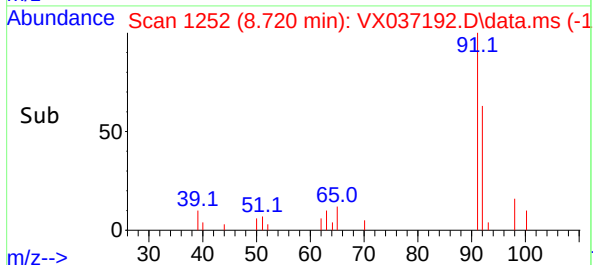
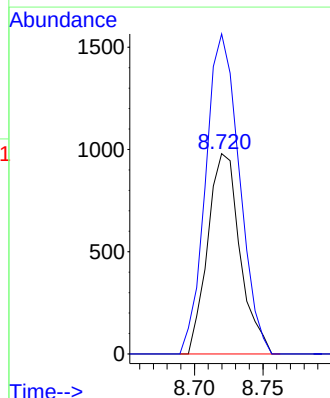
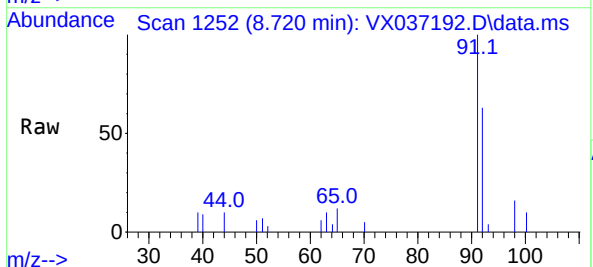
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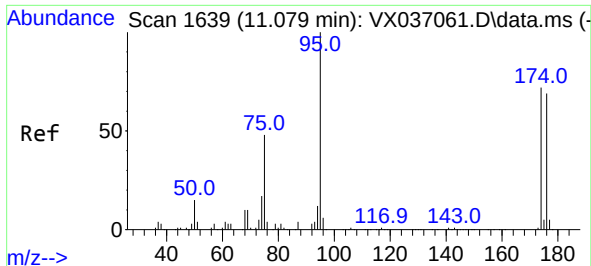
Tgt Ion: 98 Resp: 266558
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#52
Toluene
Concen: 0.394 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Tgt Ion: 92 Resp: 1608
Ion Ratio Lower Upper
92 100
91 166.9 134.2 201.2

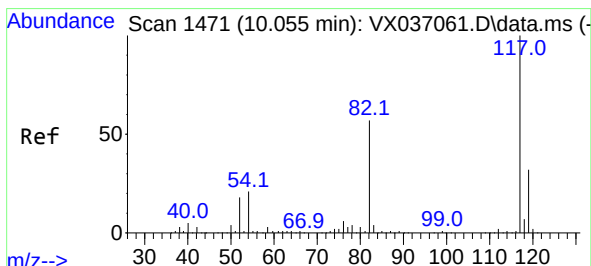
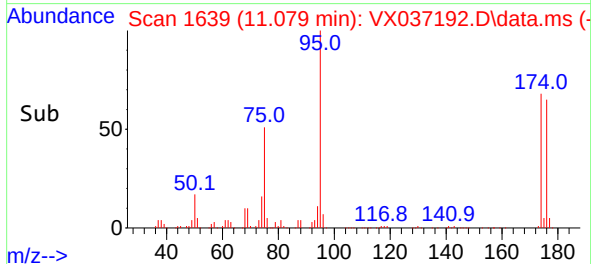
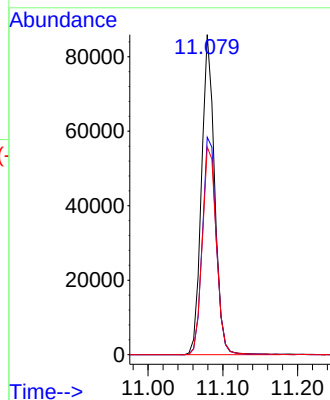
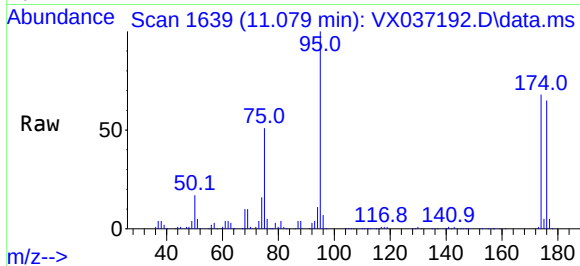




#62
4-Bromofluorobenzene
Concen: 48.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

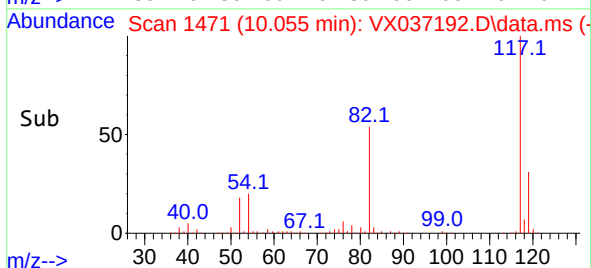
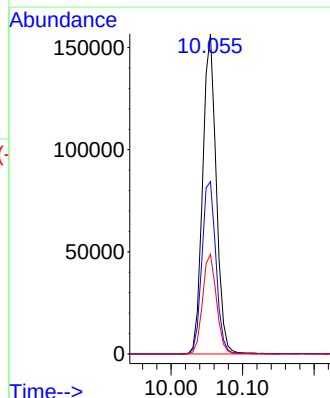
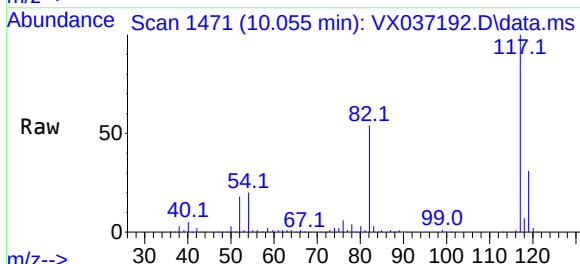
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RE125D3-20230816

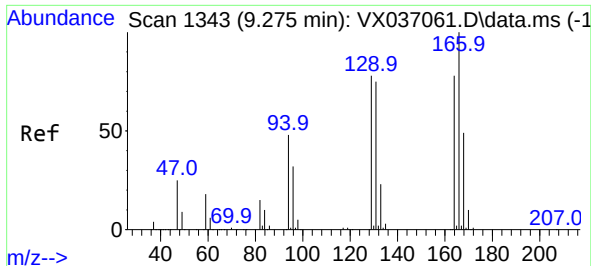
Tgt Ion: 95 Resp: 104283
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

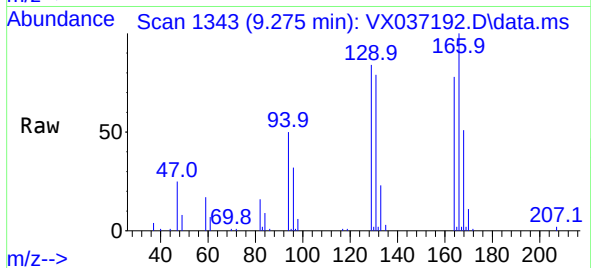
Tgt Ion: 117 Resp: 206841
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.1 25.5 38.3



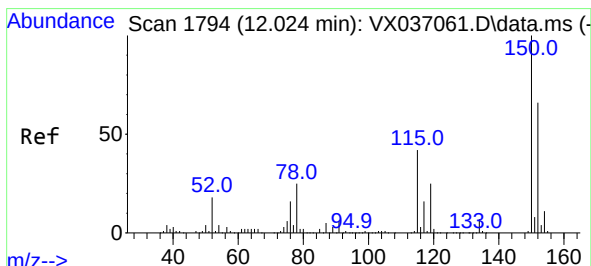
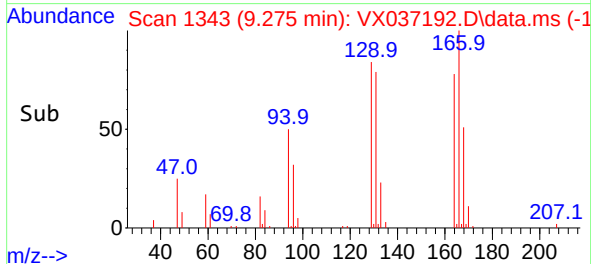
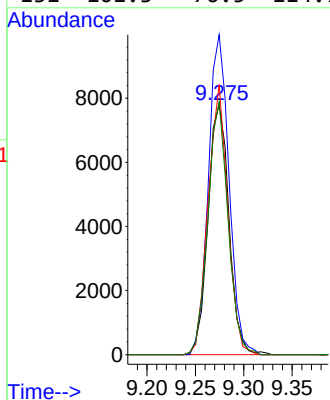


#64
Tetrachloroethene
Concen: 7.800 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20230816



Tgt Ion:164 Resp: 11769
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 108.1 80.4 120.6
131 101.3 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037192.D
Acq: 23 Aug 2023 18:42

Tgt Ion:152 Resp: 95892
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 159.3 0.0 345.0

