

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037325.D
 Acq On : 29 Aug 2023 07:10
 Operator : JC/MD
 Sample : 04126-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20230821

Quant Time: Aug 29 08:22:01 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)

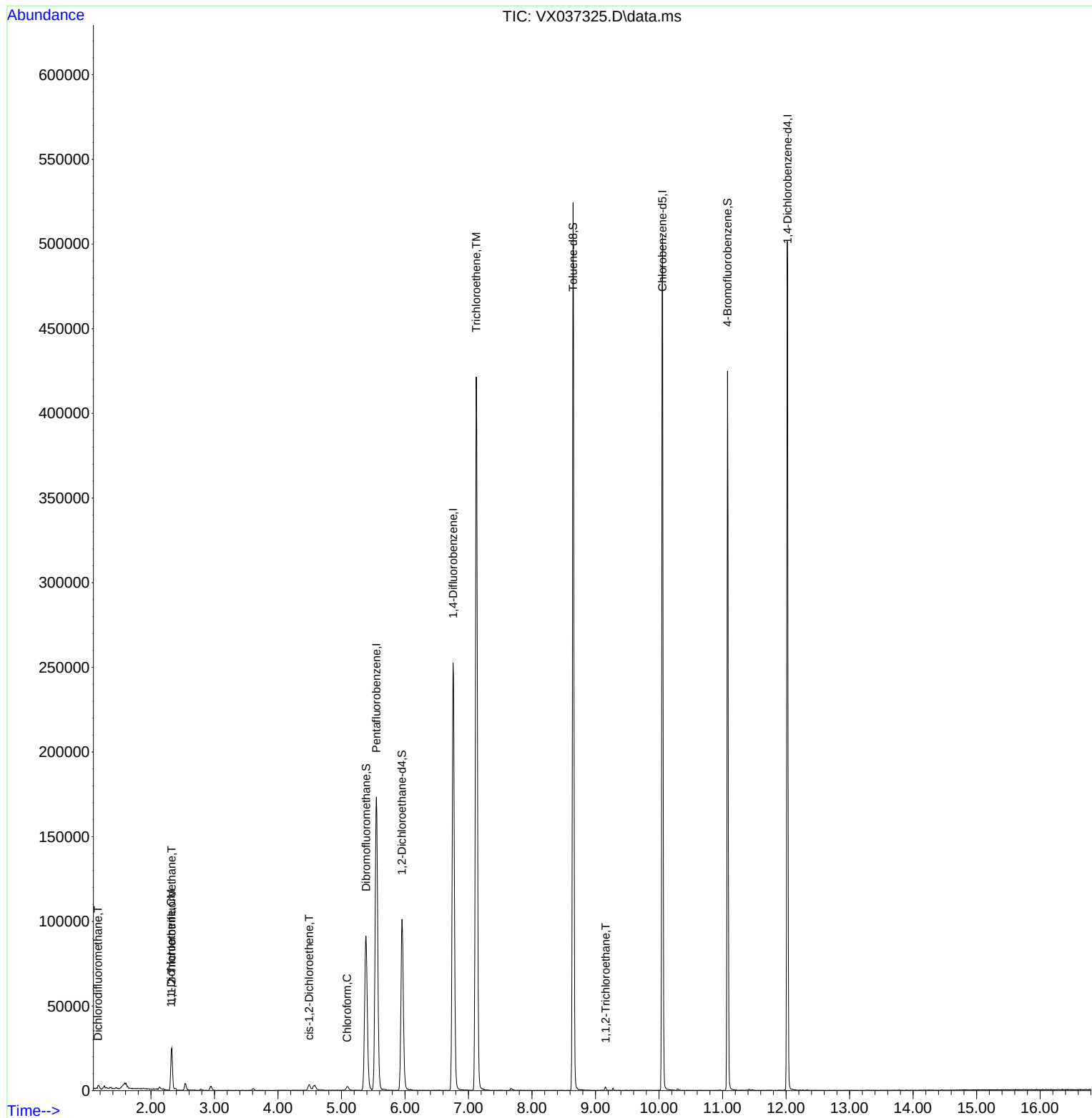
Internal Standards						
1) Pentafluorobenzene	5.550	168	163122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	268555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100515	42.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.480%
35) Dibromofluoromethane	5.385	113	81764	45.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	314464	48.742	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	114554	45.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1051	0.555	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	8483	4.920	ug/l	96
12) 1,1-Dichloroethene	2.319	96	2276	1.355	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	2593	1.152	ug/l	75
30) Chloroform	5.087	83	3101	0.826	ug/l	97
44) Trichloroethene	7.123	130	167921	81.715	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	673	0.345	ug/l	93

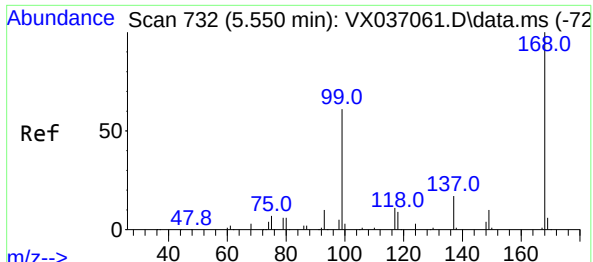
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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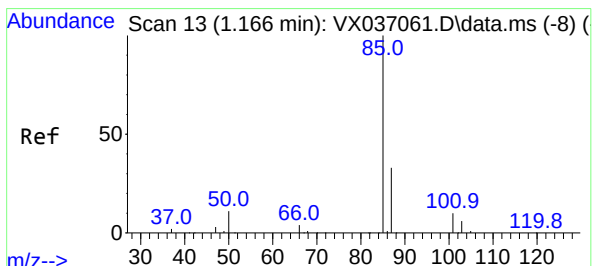
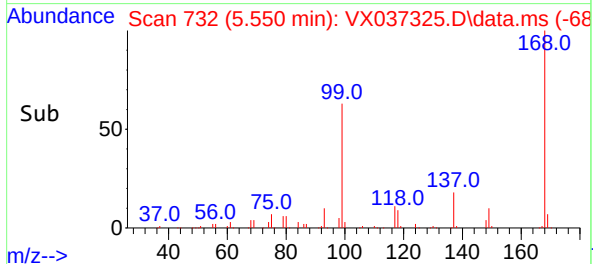
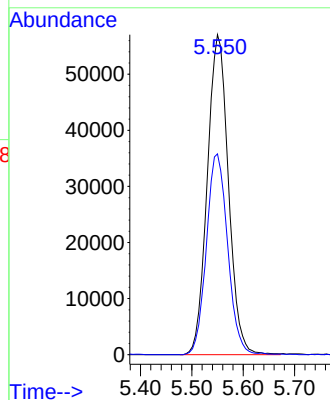
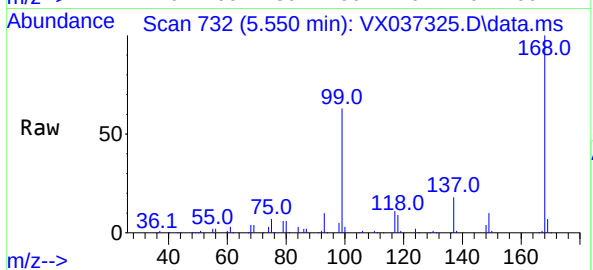




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

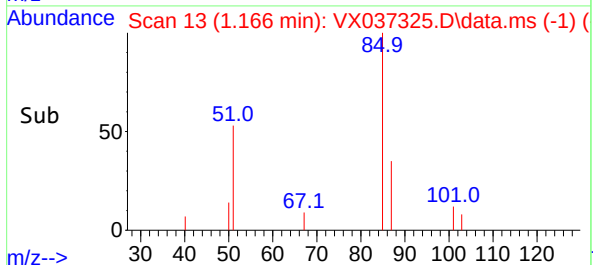
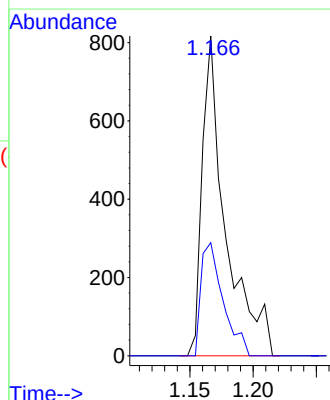
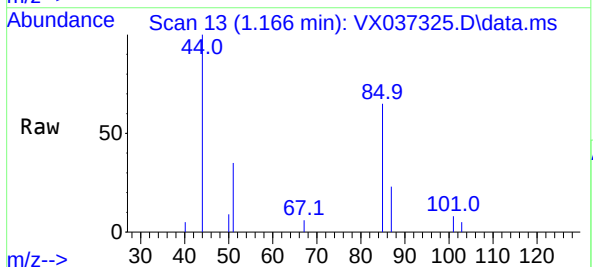
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230821

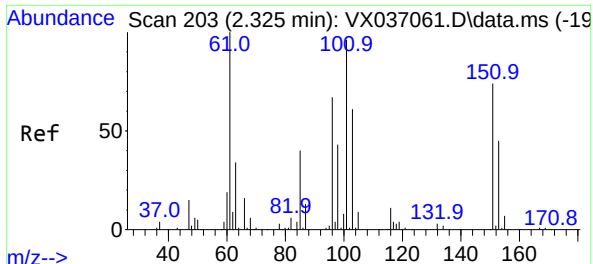
Tgt Ion:168 Resp: 163122
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.555 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Tgt Ion: 85 Resp: 1051
Ion Ratio Lower Upper
85 100
87 35.4 16.7 50.1

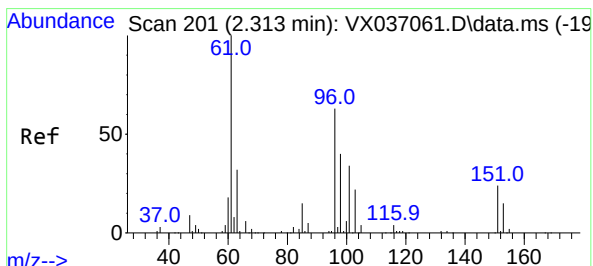
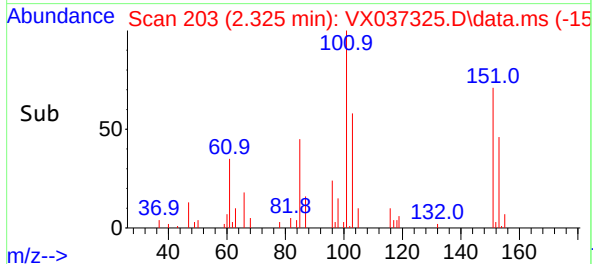
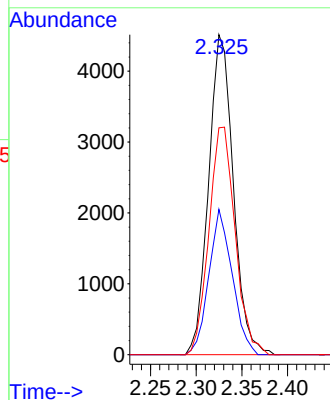
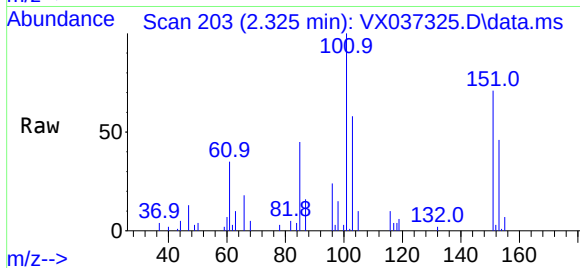




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.920 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

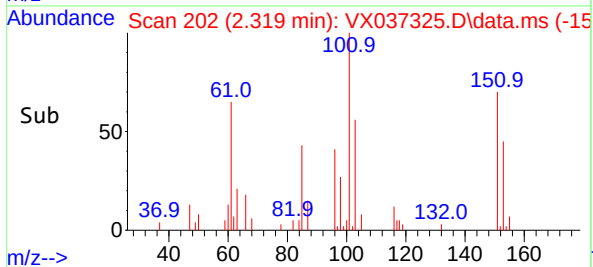
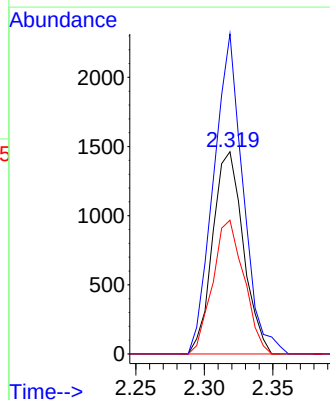
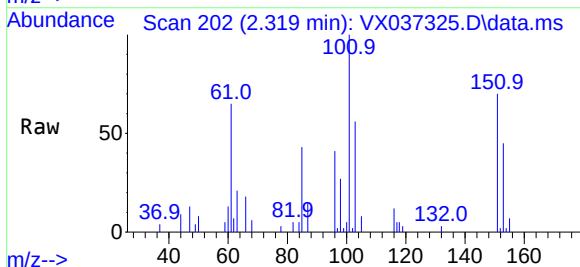
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230821

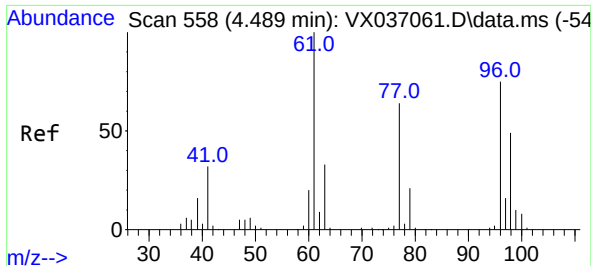
Tgt Ion:101 Resp: 8483
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 75.7 58.6 87.8



#12
1,1-Dichloroethene
Concen: 1.355 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Tgt Ion: 96 Resp: 2276
Ion Ratio Lower Upper
96 100
61 158.2 144.6 216.8
98 66.2 50.4 75.6

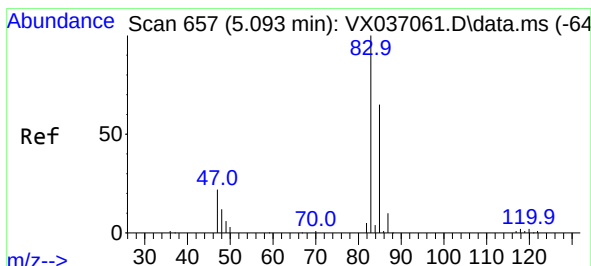
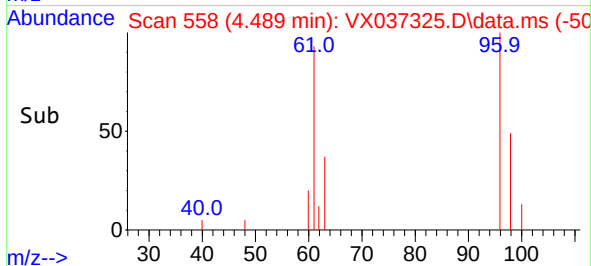
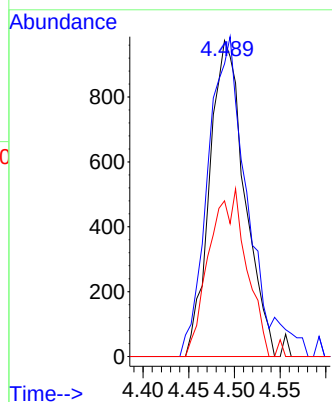
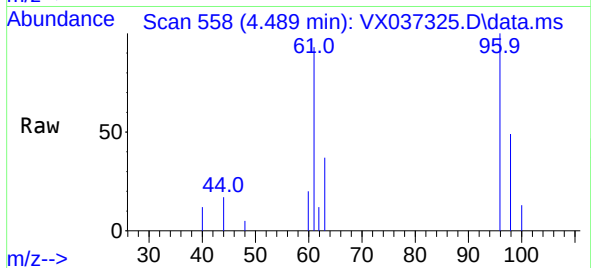




#27
cis-1,2-Dichloroethene
Concen: 1.152 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

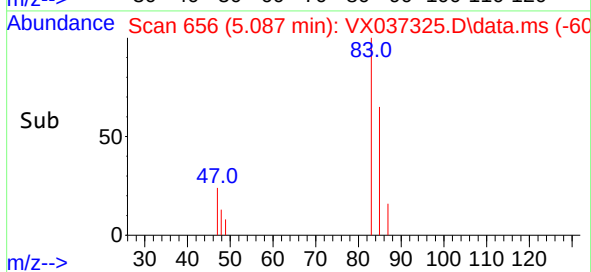
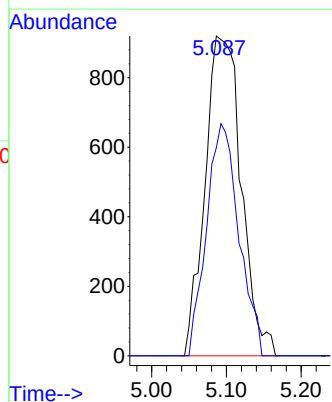
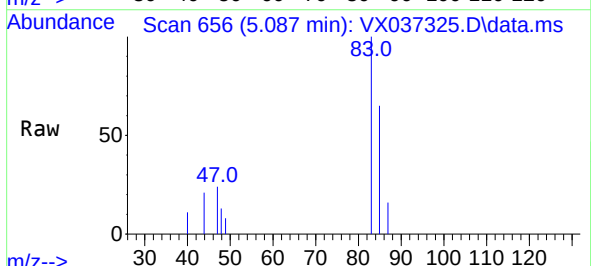
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230821

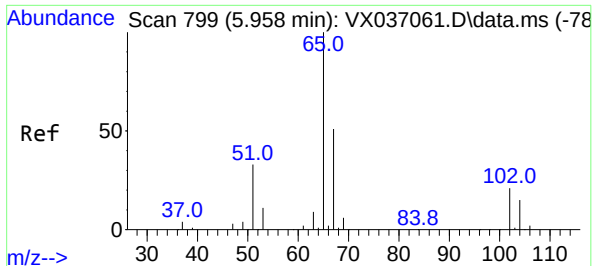
Tgt Ion: 96 Resp: 2593
Ion Ratio Lower Upper
96 100
61 115.0 0.0 312.2
98 56.4 0.0 129.0



#30
Chloroform
Concen: 0.826 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Tgt Ion: 83 Resp: 3101
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 42.742 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037325.D

Acq: 29 Aug 2023 07:10

Instrument :

MSVOA_X

ClientSampleId :

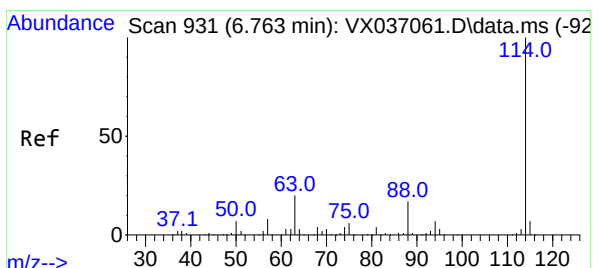
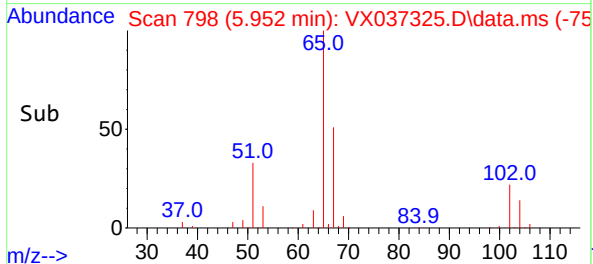
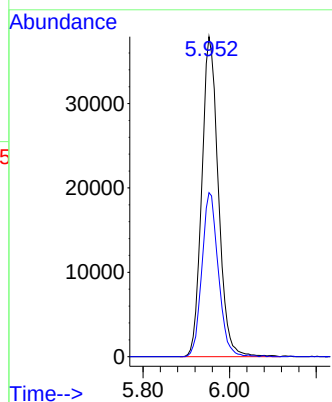
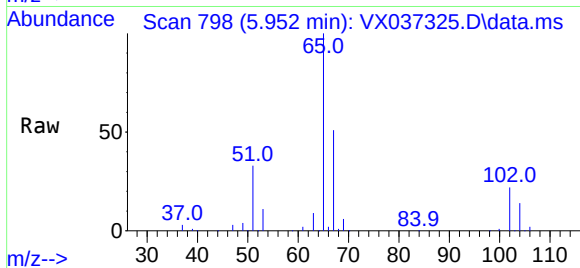
RE132D5-20230821

Tgt Ion: 65 Resp: 100515

Ion Ratio Lower Upper

65 100

67 50.7 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: VX037325.D

Acq: 29 Aug 2023 07:10

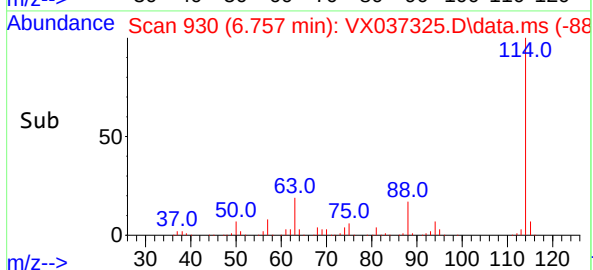
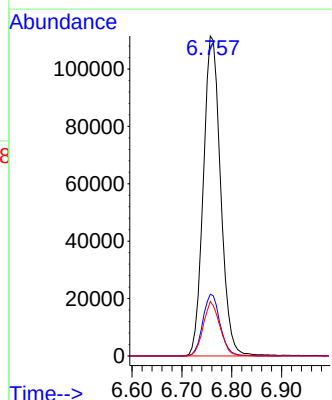
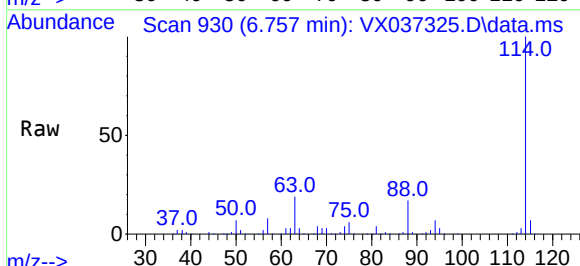
Tgt Ion: 114 Resp: 268555

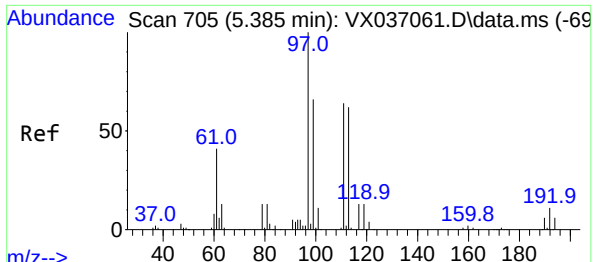
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

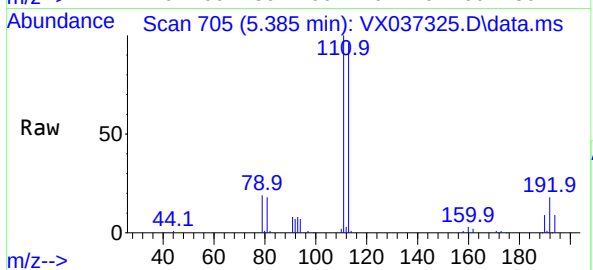
88 17.0 0.0 36.6



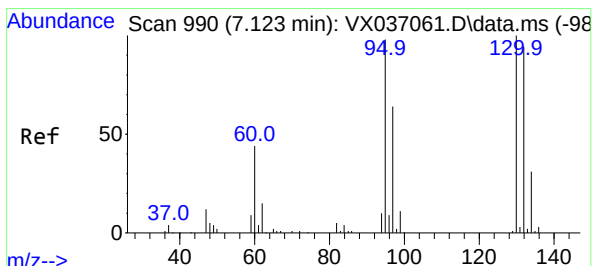
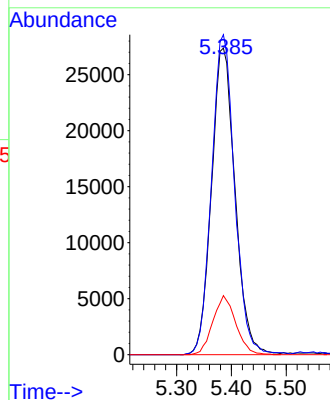
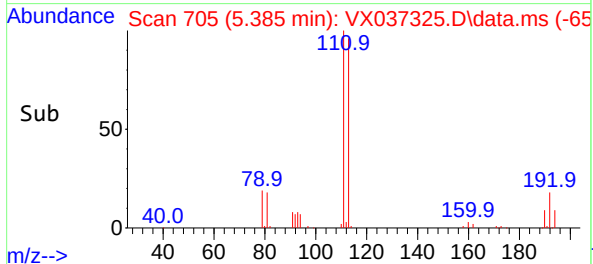


#35
Dibromofluoromethane
Concen: 45.972 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230821

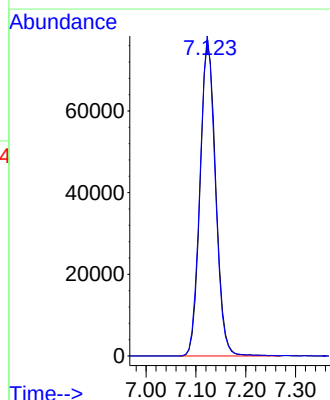
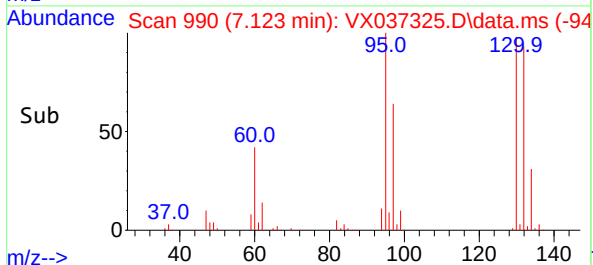
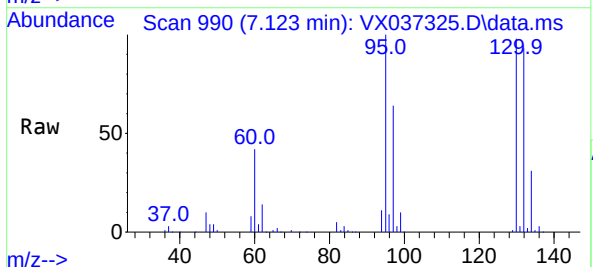


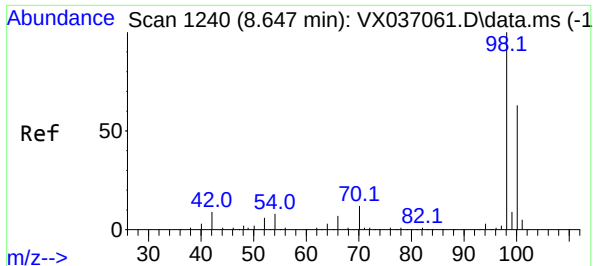
Tgt Ion:113 Resp: 81764
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9



#44
Trichloroethene
Concen: 81.715 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Tgt Ion:130 Resp: 167921
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4

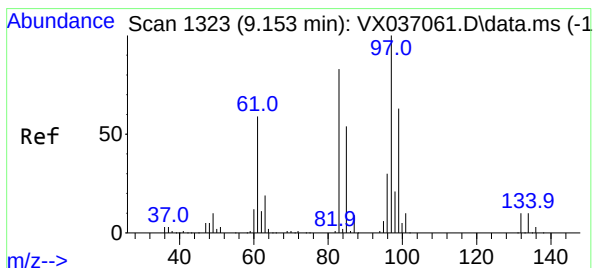
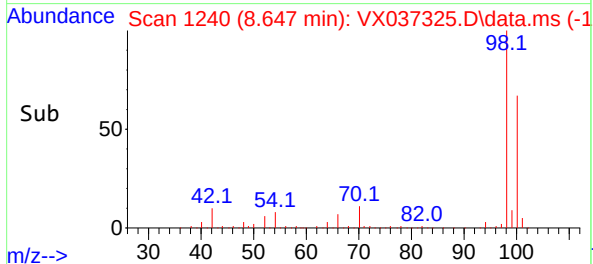
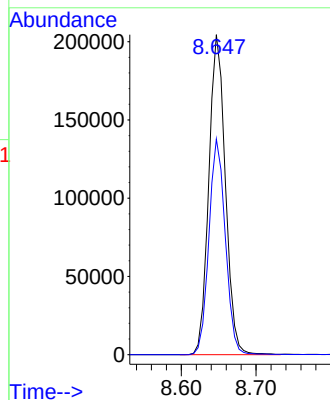
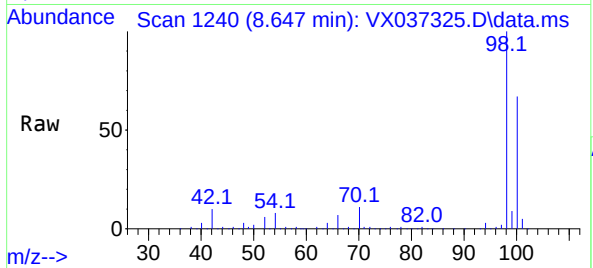




#50
Toluene-d8
Concen: 48.742 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

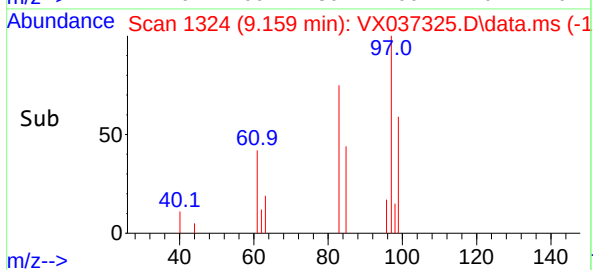
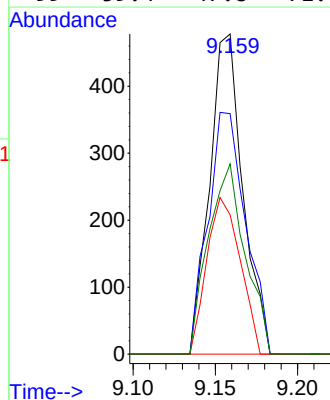
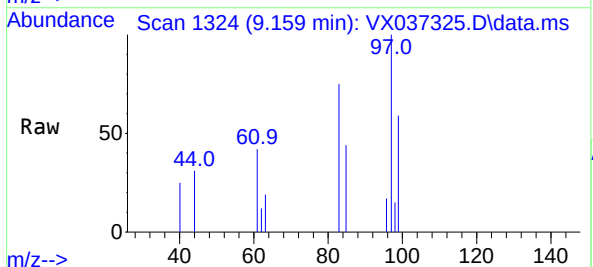
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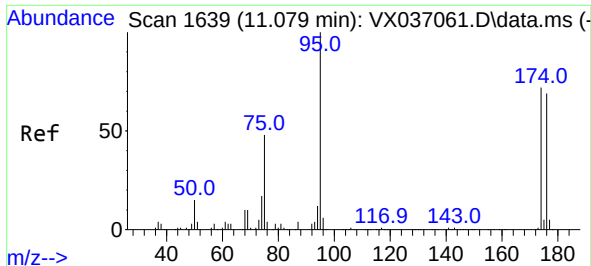
Tgt Ion: 98 Resp: 314464
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.345 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

Tgt Ion: 97 Resp: 673
Ion Ratio Lower Upper
97 100
83 75.1 65.8 98.8
85 43.5 41.6 62.4
99 59.4 47.8 71.8

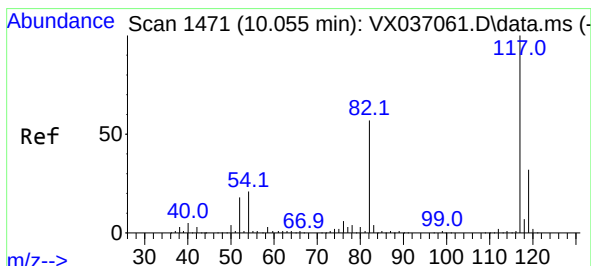
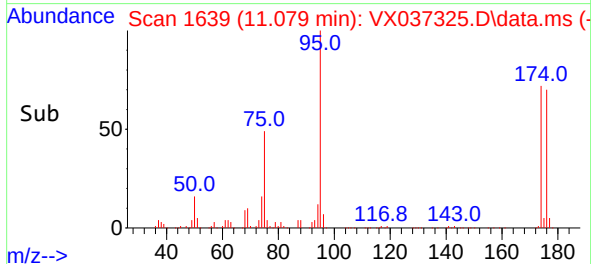
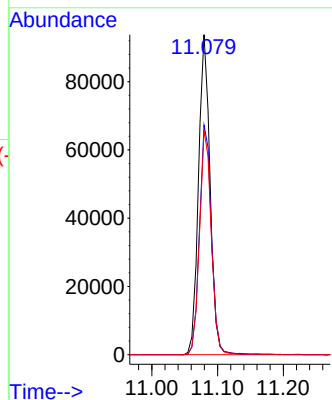
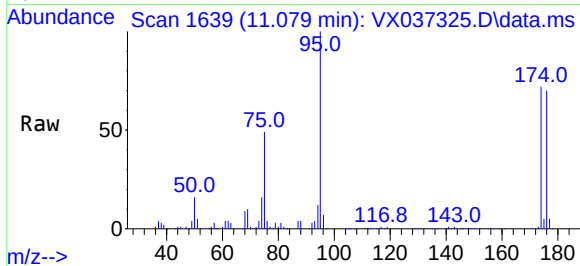




#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

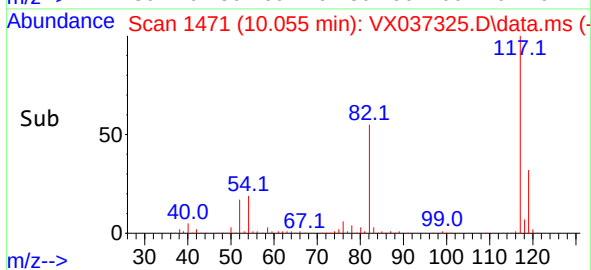
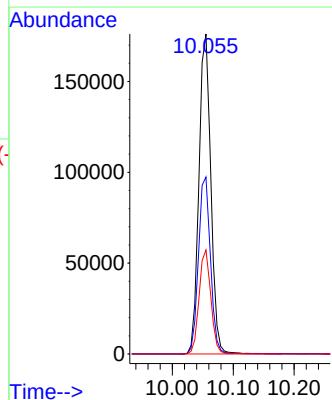
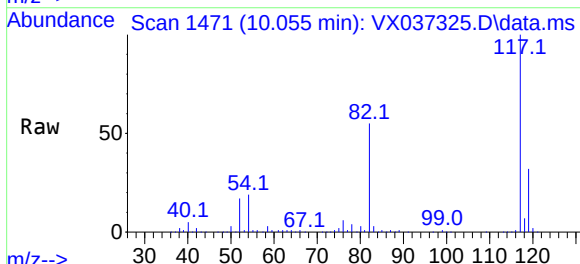
Instrument :
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RE132D5-20230821

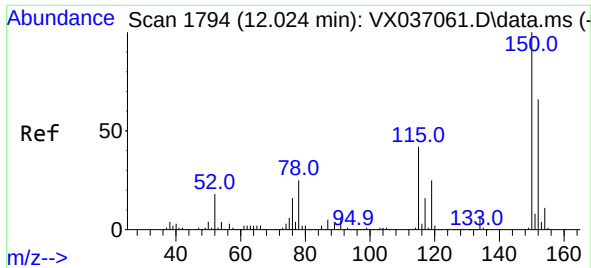
Tgt Ion: 95 Resp: 114554
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037325.D
Acq: 29 Aug 2023 07:10

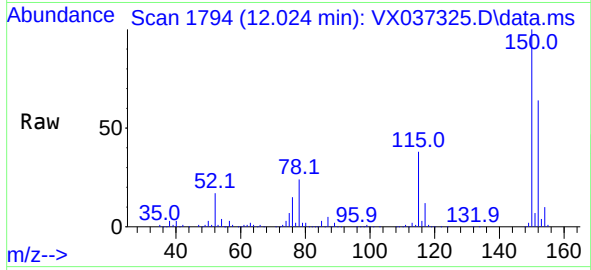
Tgt Ion: 117 Resp: 238740
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037325.D
 Acq: 29 Aug 2023 07:10

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20230821



Tgt Ion:152 Resp: 107934
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 155.6 0.0 345.0

