

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037210.D
 Acq On : 24 Aug 2023 12:41
 Operator : JC/MD
 Sample : 04051-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20230816DL

Quant Time: Aug 24 23:38:06 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)

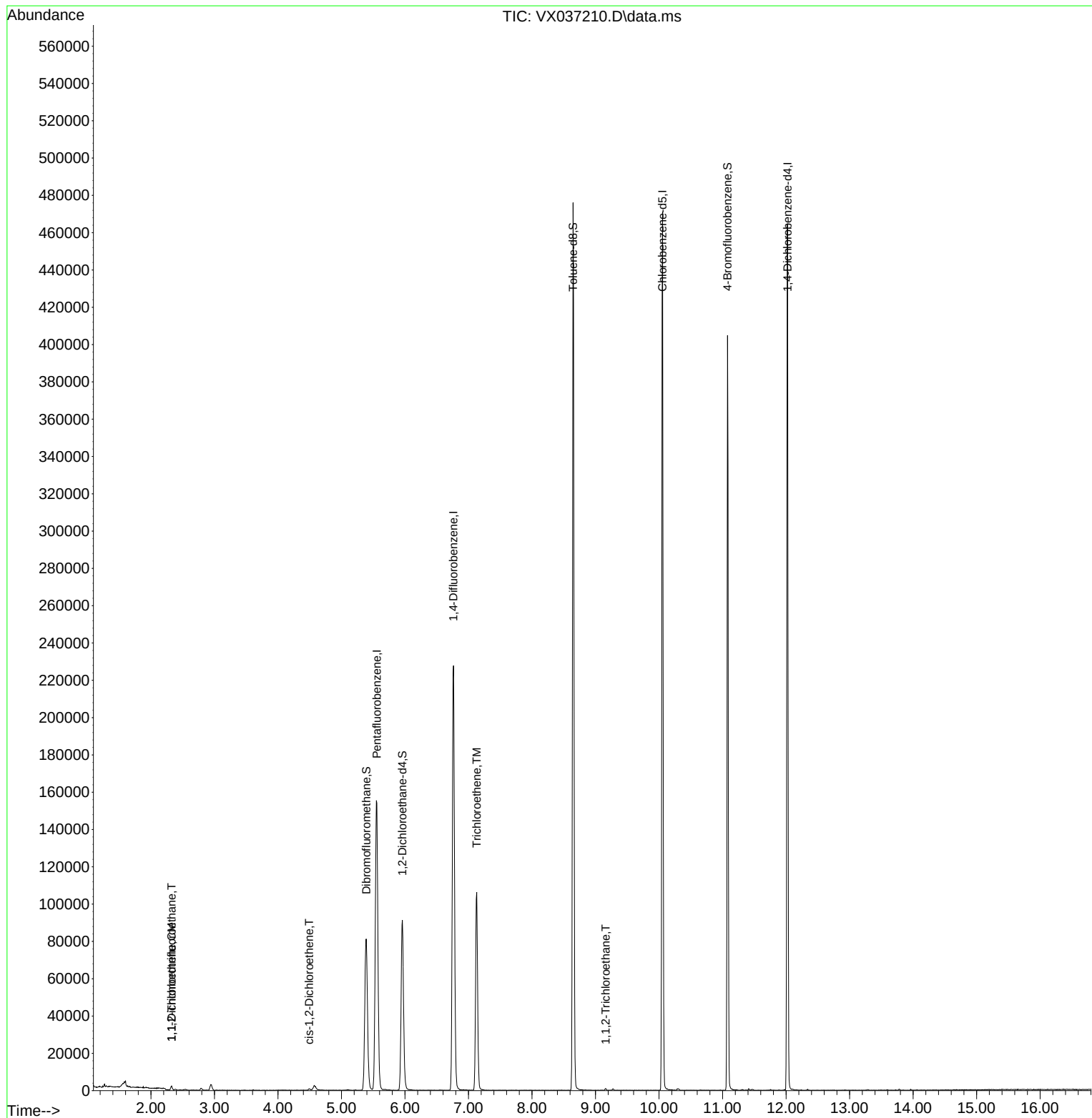
Internal Standards						
1) Pentafluorobenzene	5.556	168	145002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91930	43.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.960%
35) Dibromofluoromethane	5.391	113	74016	46.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.646	98	280510	48.404	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	106339	46.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.324	101	380	0.248	ug/l #	90
12) 1,1-Dichloroethene	2.324	96	604	0.405	ug/l #	76
27) cis-1,2-Dichloroethene	4.489	96	488	0.244	ug/l	85
44) Trichloroethene	7.128	130	42351	22.944	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	366	0.209	ug/l #	86

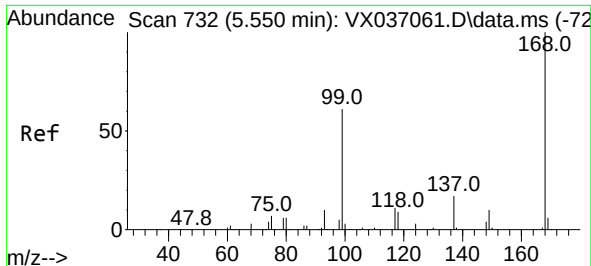
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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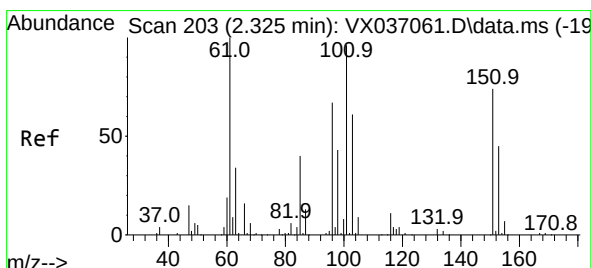
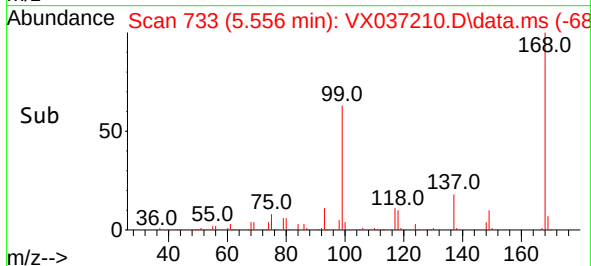
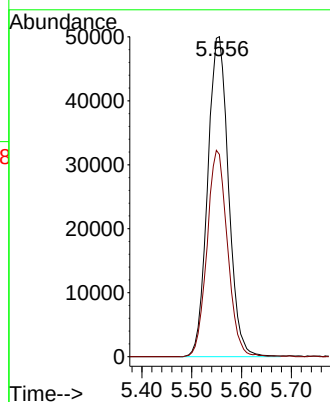
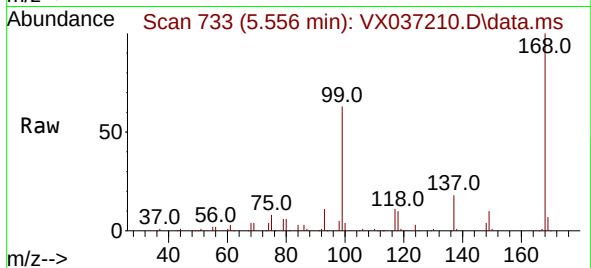




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

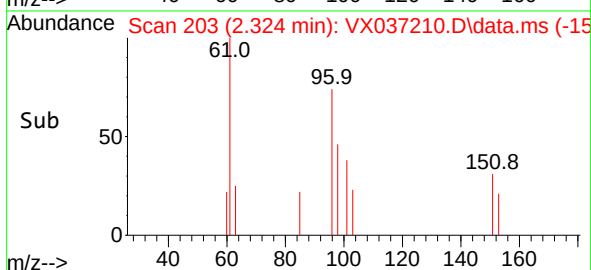
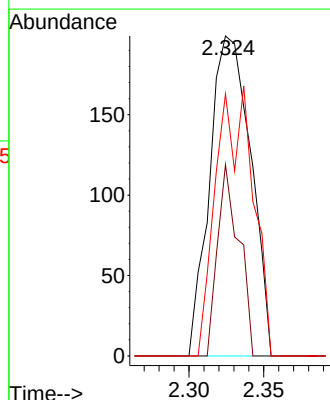
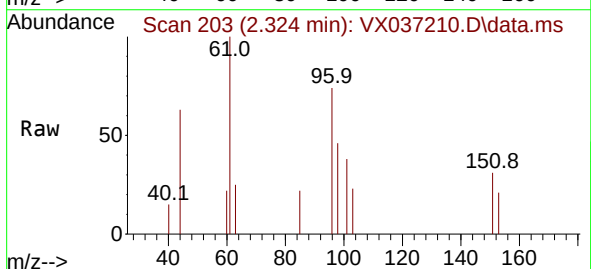
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20230816DL

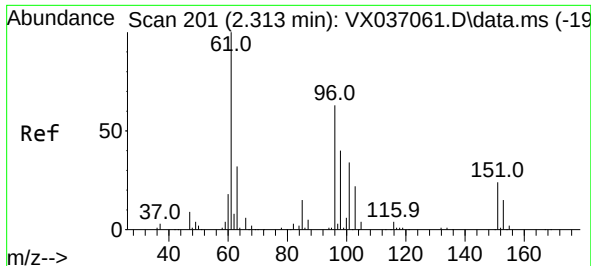
Tgt Ion:168 Resp: 145002
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.248 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

Tgt Ion:101 Resp: 380
Ion Ratio Lower Upper
101 100
85 31.3 37.0 55.6#
151 75.5 58.6 87.8

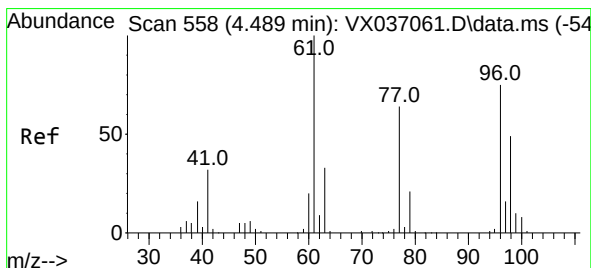
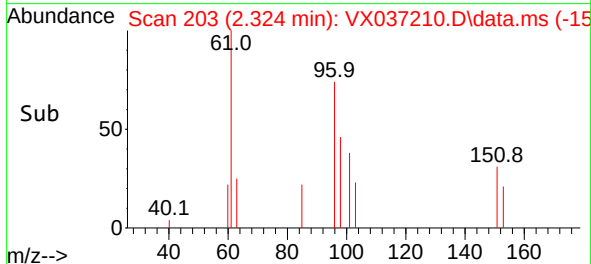
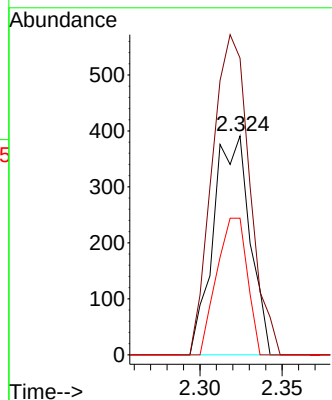
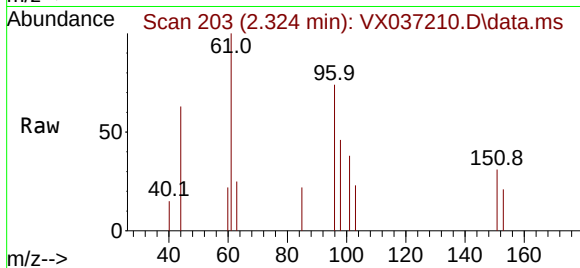




#12
 1,1-Dichloroethene
 Concen: 0.405 ug/l
 RT: 2.324 min Scan# 201
 Delta R.T. 0.012 min
 Lab File: VX037210.D
 Acq: 24 Aug 2023 12:41

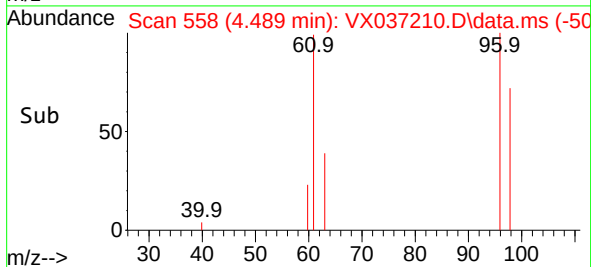
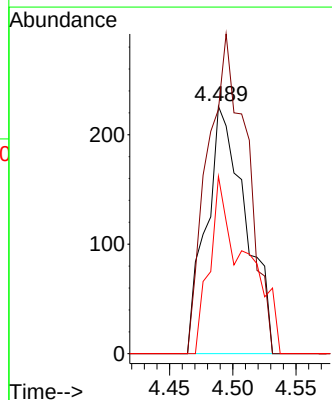
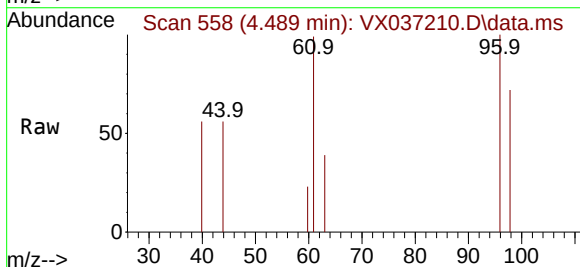
Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20230816DL

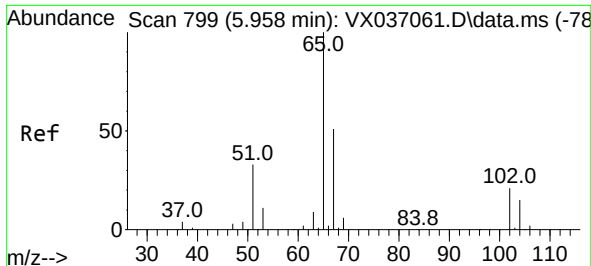
Tgt Ion: 96 Resp: 604
 Ion Ratio Lower Upper
 96 100
 61 135.5 144.6 216.8#
 98 62.4 50.4 75.6



#27
 cis-1,2-Dichloroethene
 Concen: 0.244 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037210.D
 Acq: 24 Aug 2023 12:41

Tgt Ion: 96 Resp: 488
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 312.2
 98 66.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 43.976 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037210.D

Acq: 24 Aug 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

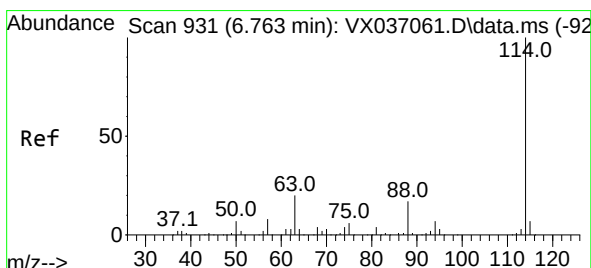
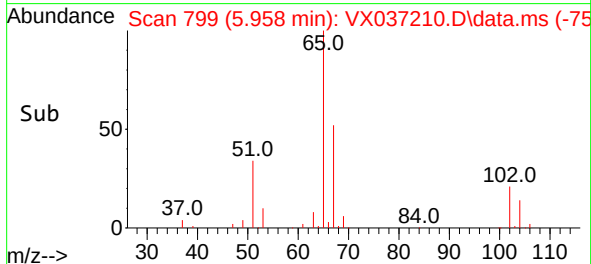
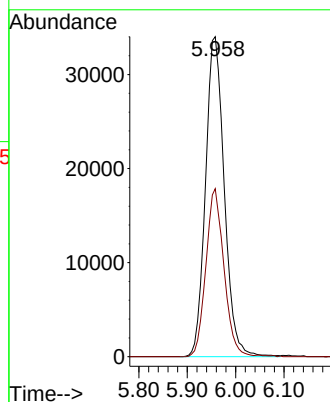
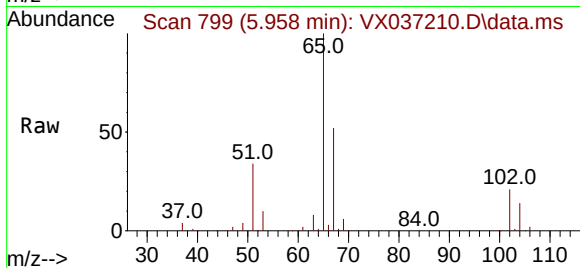
RE139D1-20230816DL

Tgt Ion: 65 Resp: 91930

Ion Ratio Lower Upper

65 100

67 50.3 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: VX037210.D

Acq: 24 Aug 2023 12:41

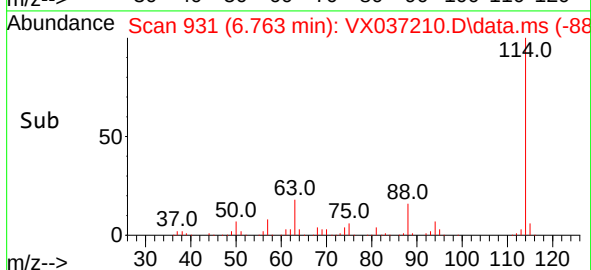
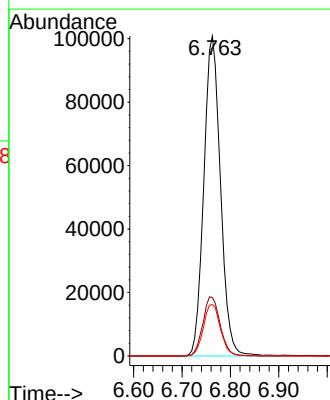
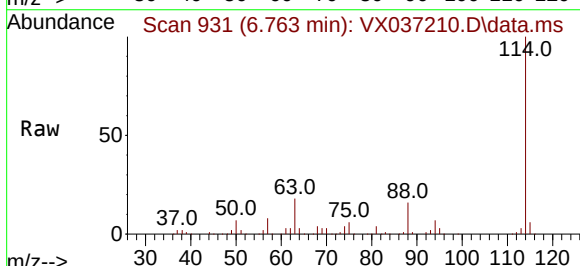
Tgt Ion: 114 Resp: 241231

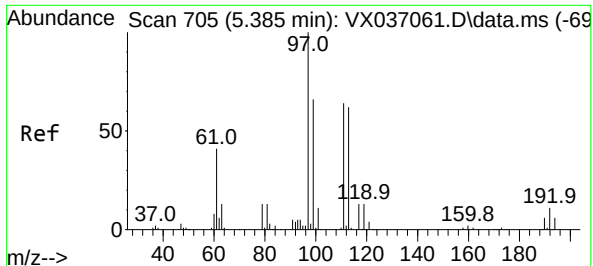
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.329 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037210.D

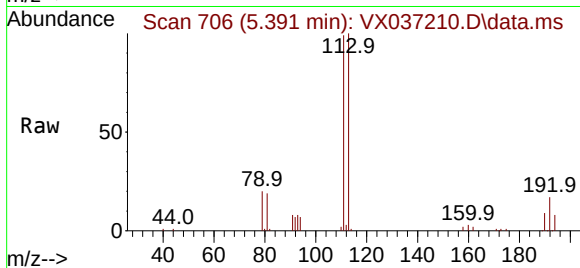
Acq: 24 Aug 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20230816DL



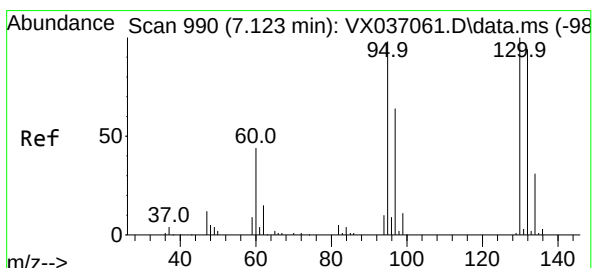
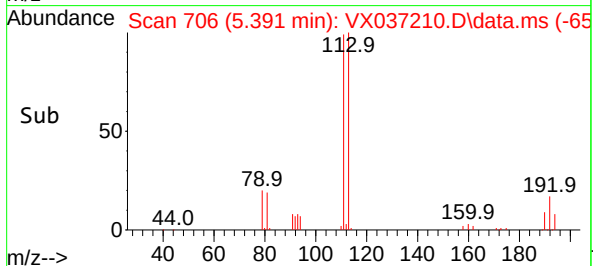
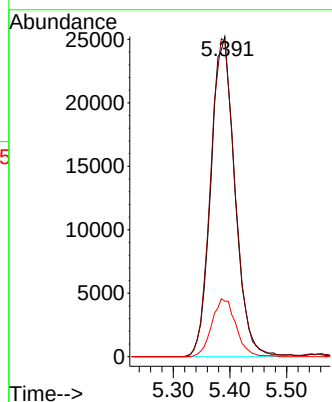
Tgt Ion:113 Resp: 74016

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

192 18.2 13.3 19.9



#44

Trichloroethene

Concen: 22.944 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037210.D

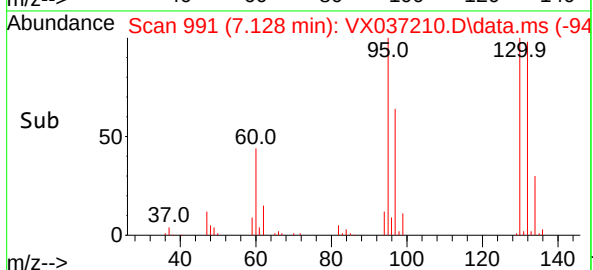
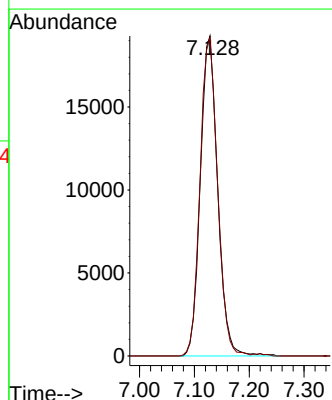
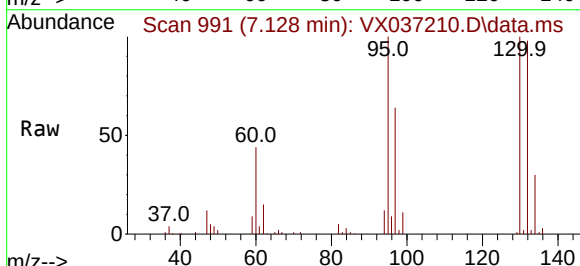
Acq: 24 Aug 2023 12:41

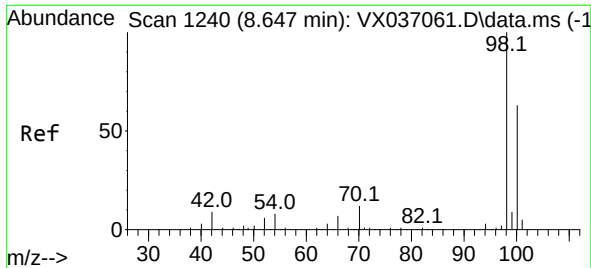
Tgt Ion:130 Resp: 42351

Ion Ratio Lower Upper

130 100

95 99.5 0.0 204.4

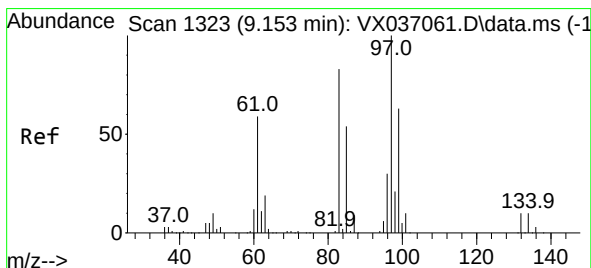
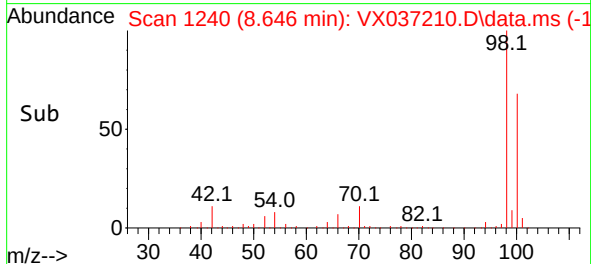
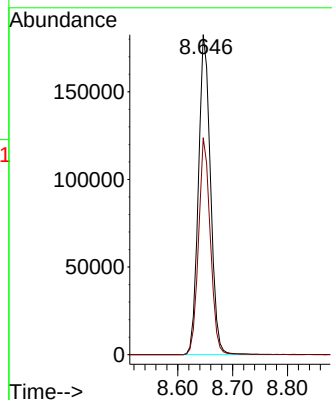
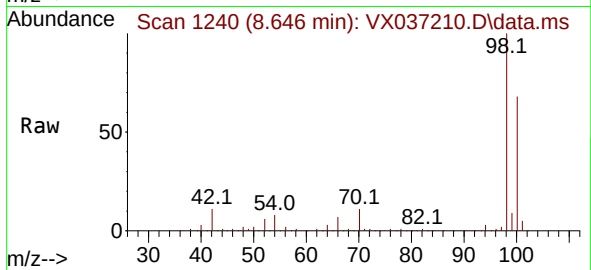




#50
Toluene-d8
Concen: 48.404 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

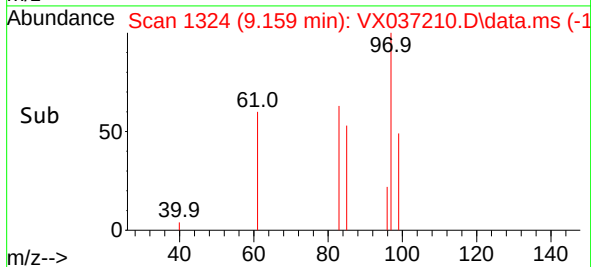
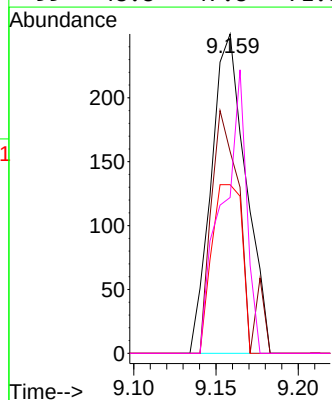
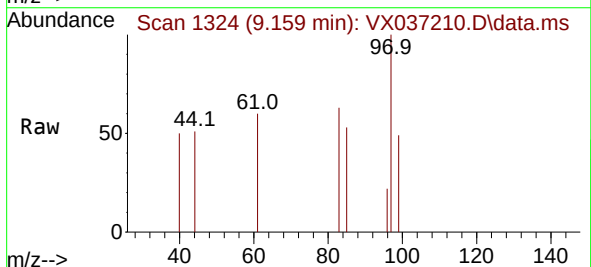
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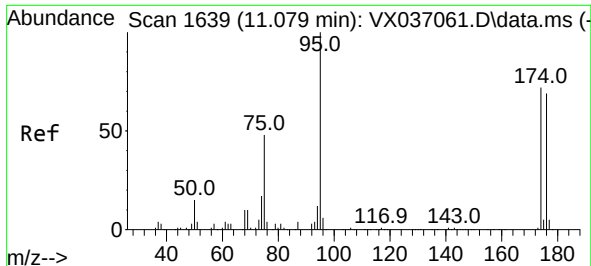
Tgt Ion: 98 Resp: 280510
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.209 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

Tgt Ion: 97 Resp: 366
Ion Ratio Lower Upper
97 100
83 63.2 65.8 98.8#
85 52.8 41.6 62.4
99 48.8 47.8 71.8

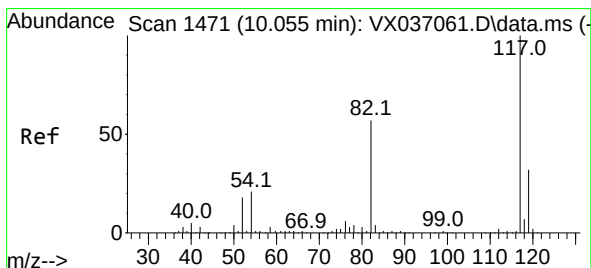
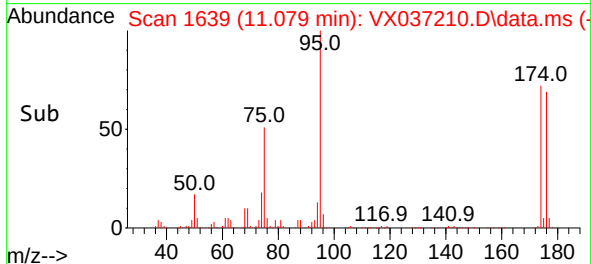
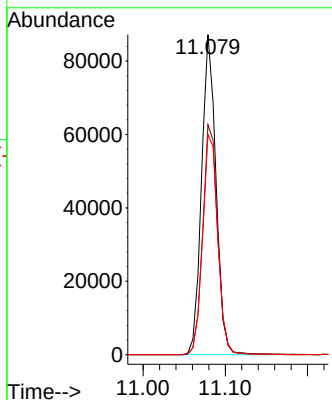
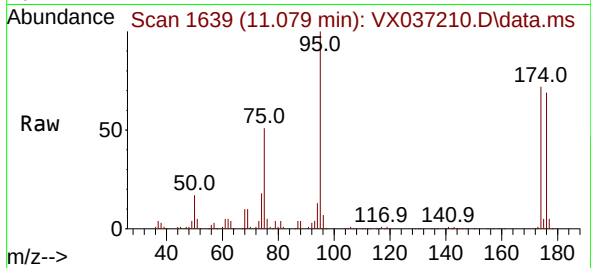




#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

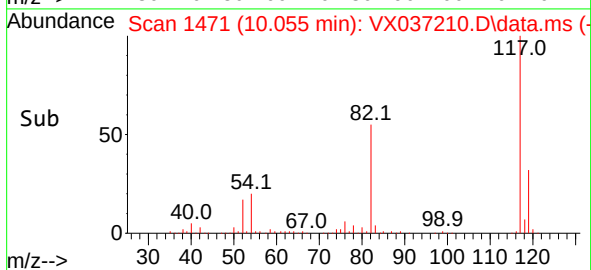
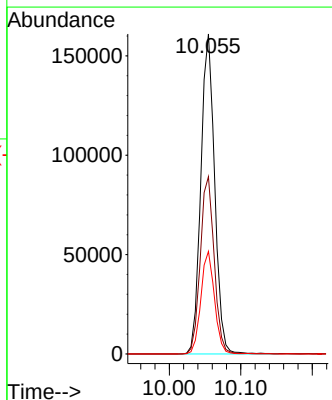
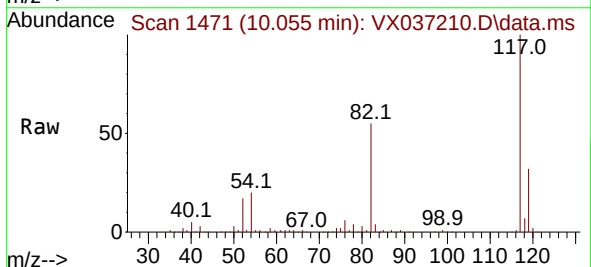
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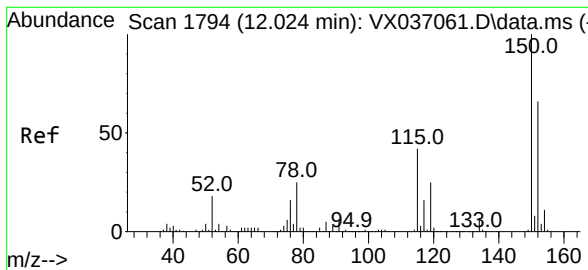
Tgt Ion: 95 Resp: 106339
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037210.D
Acq: 24 Aug 2023 12:41

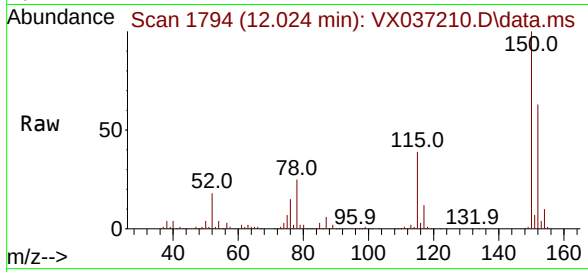
Tgt Ion: 117 Resp: 216074
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037210.D
 Acq: 24 Aug 2023 12:41

Instrument :
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 RE139D1-20230816DL



Tgt Ion:152 Resp: 99726

Ion	Ratio	Lower	Upper
152	100		
115	63.4	43.3	129.9
150	157.2	0.0	345.0

