

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037786.D
 Acq On : 18 Sep 2023 19:10
 Operator : JC/MD
 Sample : 04389-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230907

Quant Time: Sep 19 07:25:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

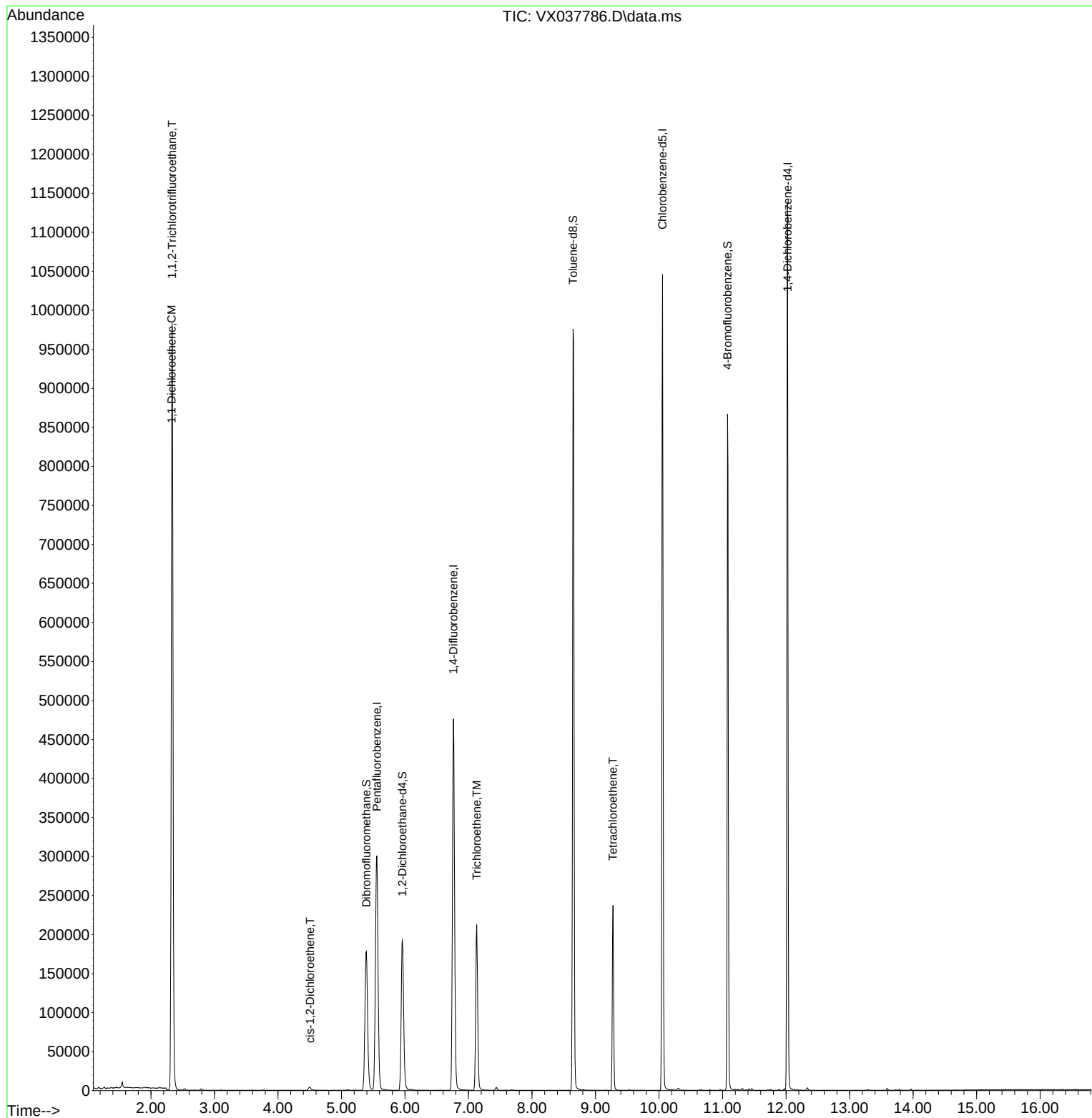
Internal Standards						
1) Pentafluorobenzene	5.556	168	293210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	495768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184961	48.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.020%
35) Dibromofluoromethane	5.391	113	156826	47.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	603057	48.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	227523	50.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	384287	129.834	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2976	1.040	ug/l	# 71
27) cis-1,2-Dichloroethene	4.507	96	2926	0.751	ug/l	77
44) Trichloroethene	7.129	130	81868	20.920	ug/l	97
64) Tetrachloroethene	9.275	164	43207	13.377	ug/l	93

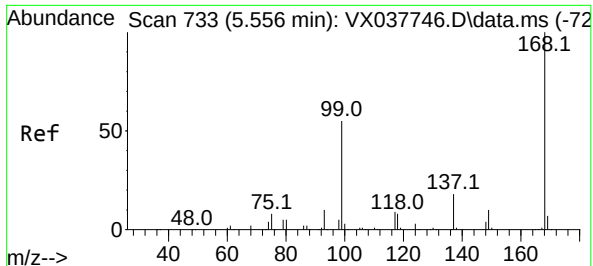
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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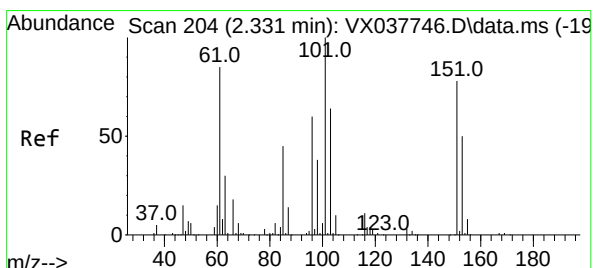
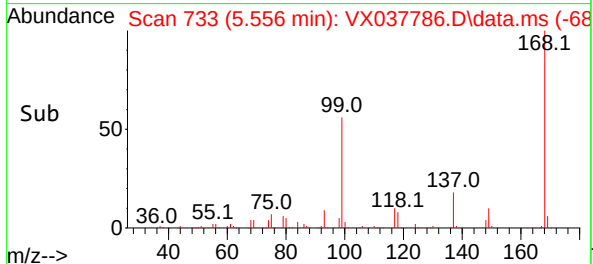
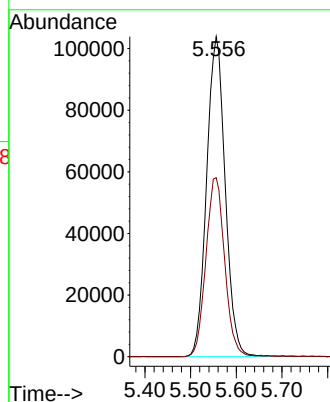
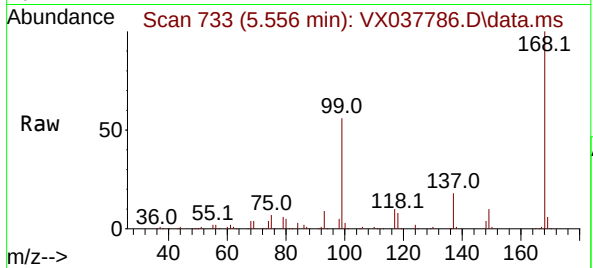




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

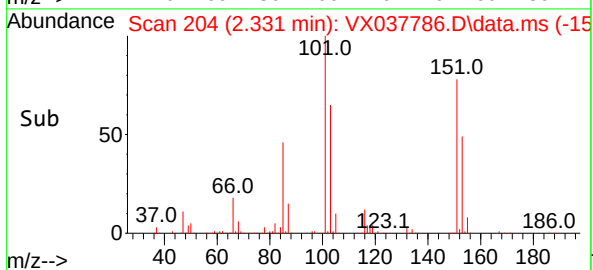
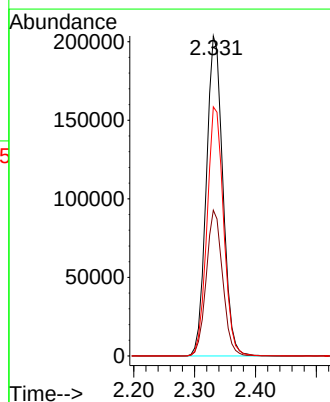
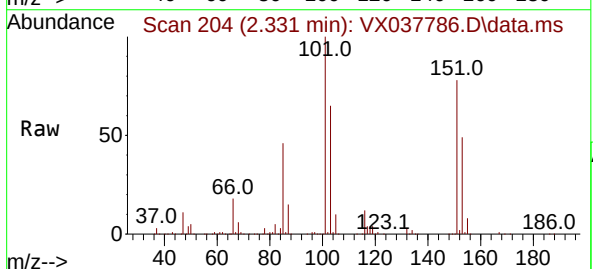
Instrument :
MSVOA_X
ClientSampleId :
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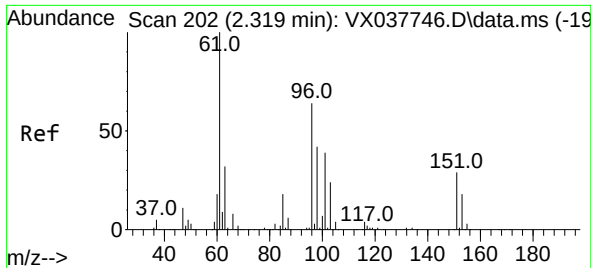
Tgt Ion:168 Resp: 293210
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 129.834 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion:101 Resp: 384287
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 78.1 58.6 87.8

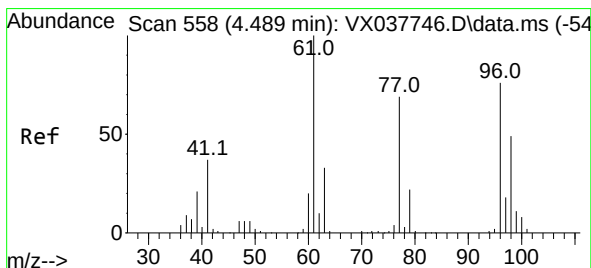
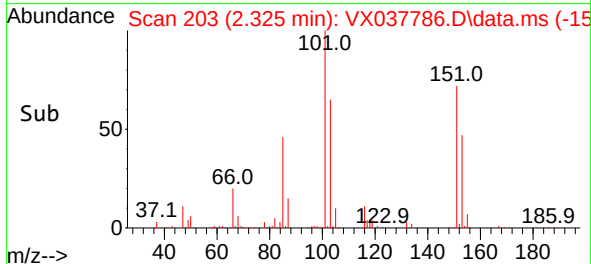
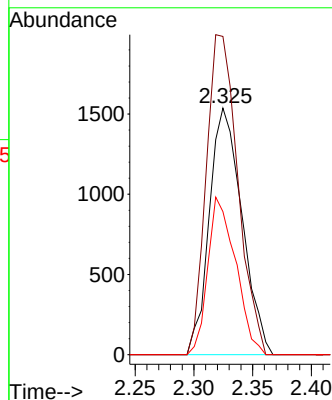
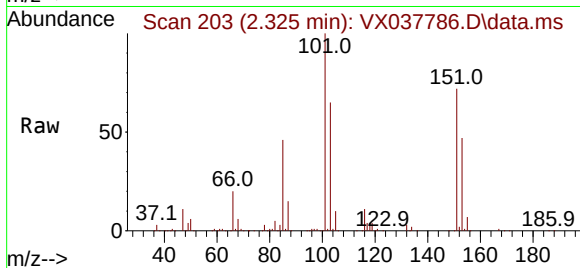




#12
 1,1-Dichloroethene
 Concen: 1.040 ug/l
 RT: 2.325 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX037786.D
 Acq: 18 Sep 2023 19:10

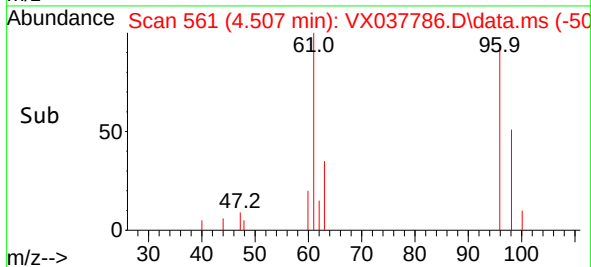
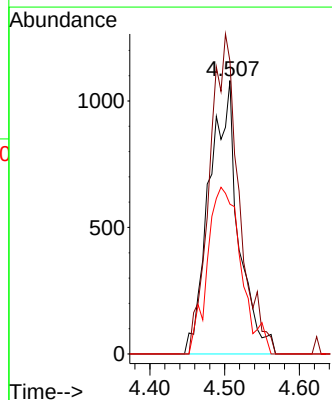
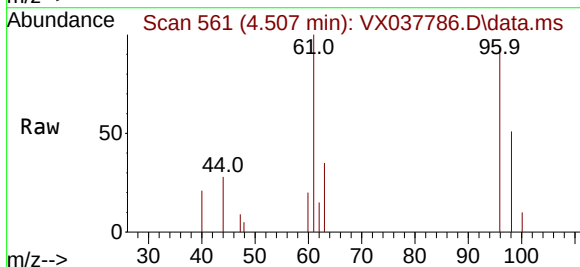
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230907

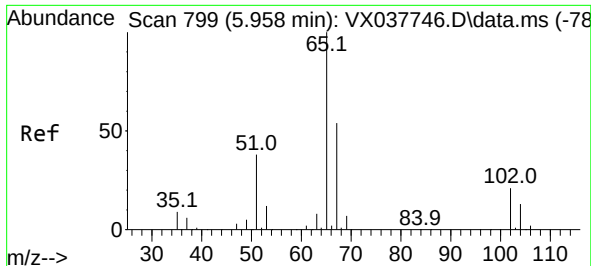
Tgt Ion: 96 Resp: 2976
 Ion Ratio Lower Upper
 96 100
 61 129.1 144.6 216.8#
 98 58.0 50.4 75.6



#27
 cis-1,2-Dichloroethene
 Concen: 0.751 ug/l
 RT: 4.507 min Scan# 561
 Delta R.T. 0.018 min
 Lab File: VX037786.D
 Acq: 18 Sep 2023 19:10

Tgt Ion: 96 Resp: 2926
 Ion Ratio Lower Upper
 96 100
 61 118.3 0.0 312.2
 98 70.7 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 48.013 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037786.D

Acq: 18 Sep 2023 19:10

Instrument :

MSVOA_X

ClientSampleId :

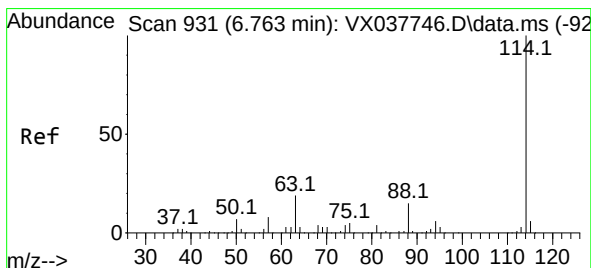
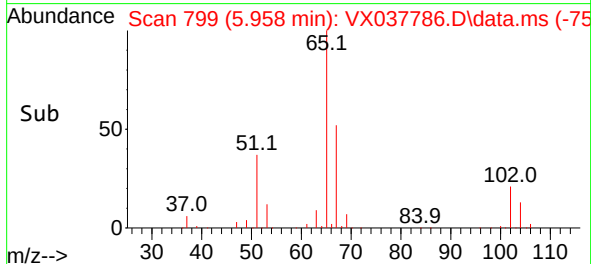
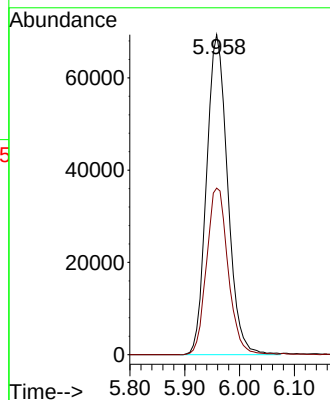
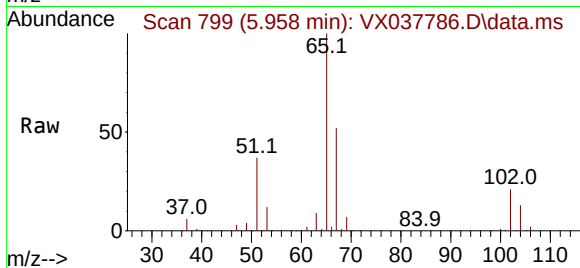
RE134D4-20230907

Tgt Ion: 65 Resp: 184961

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037786.D

Acq: 18 Sep 2023 19:10

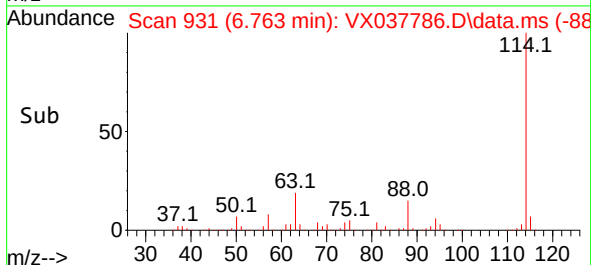
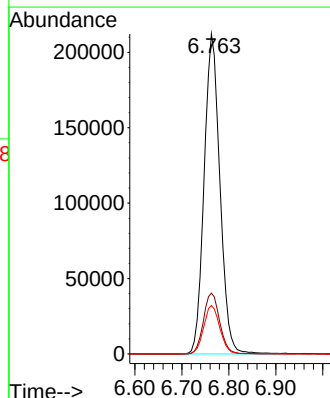
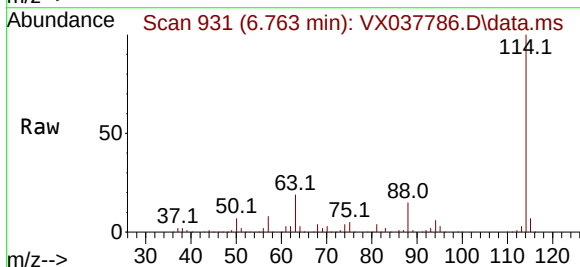
Tgt Ion: 114 Resp: 495768

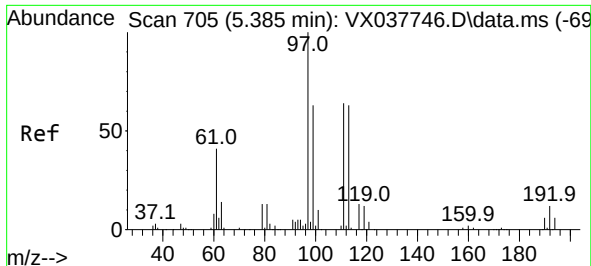
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.276 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037786.D

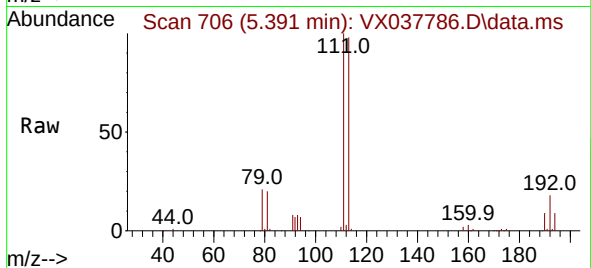
Acq: 18 Sep 2023 19:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230907



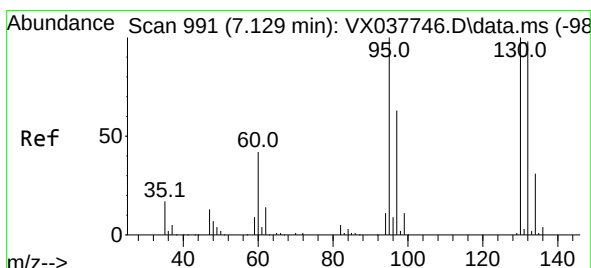
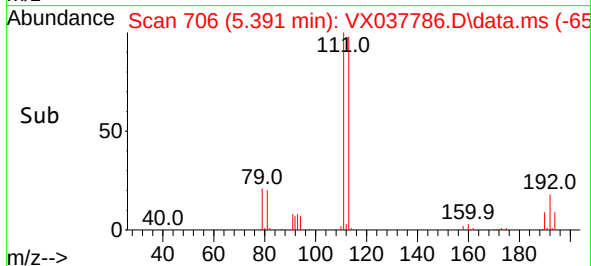
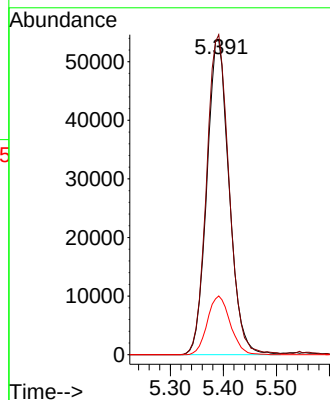
Tgt Ion:113 Resp: 156826

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 19.1 13.3 19.9



#44

Trichloroethene

Concen: 20.920 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037786.D

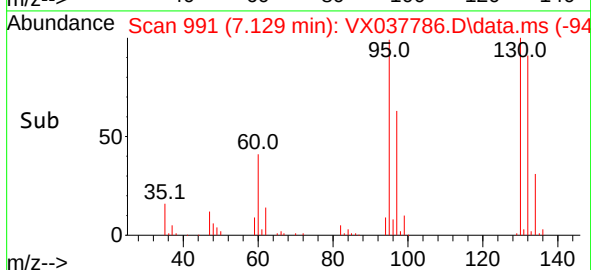
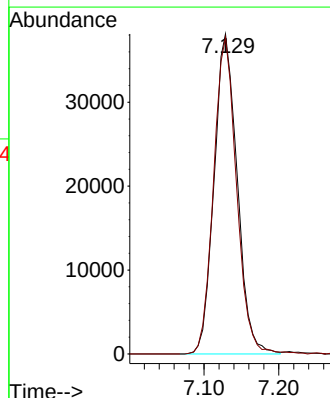
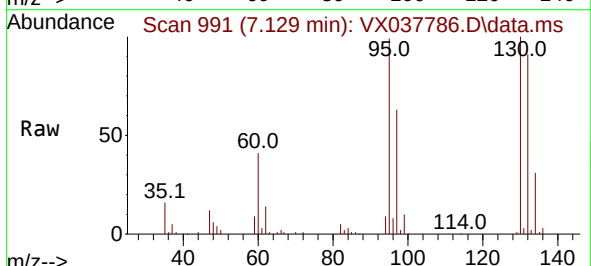
Acq: 18 Sep 2023 19:10

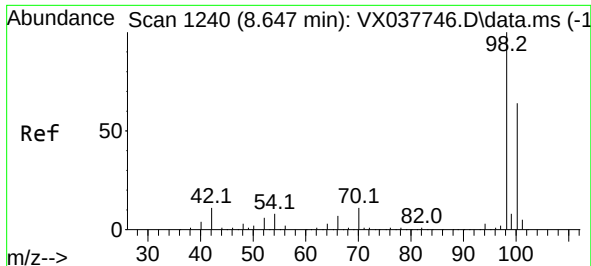
Tgt Ion:130 Resp: 81868

Ion Ratio Lower Upper

130 100

95 99.0 0.0 204.4

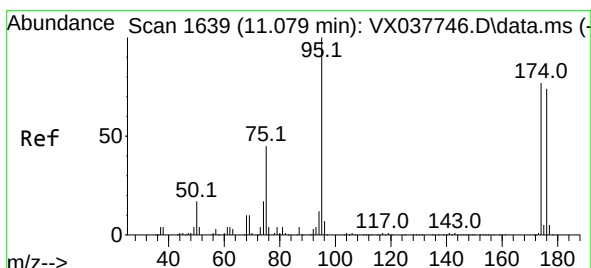
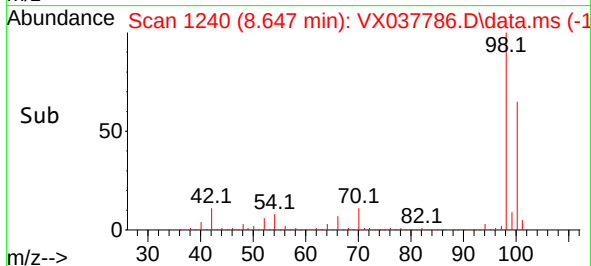
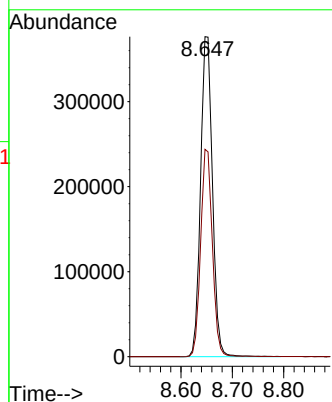
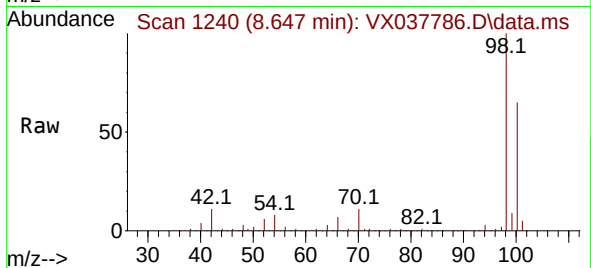




#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

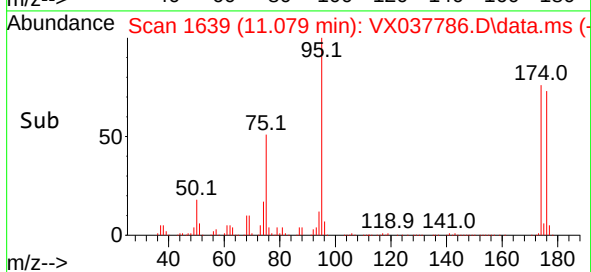
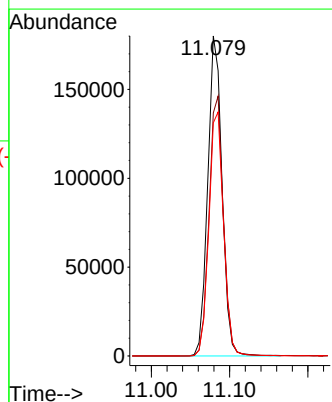
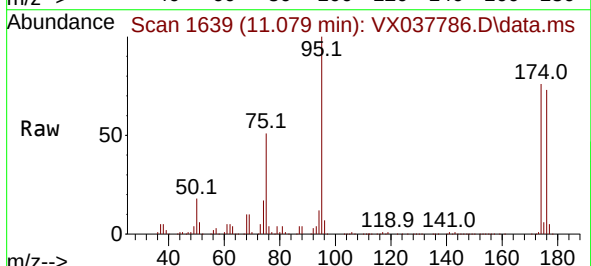
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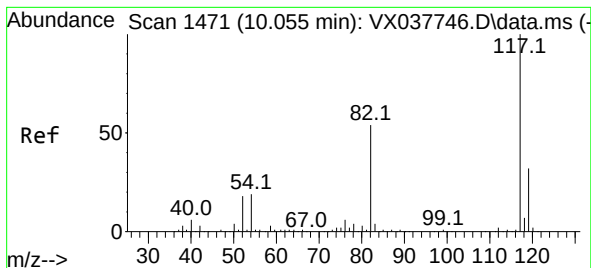
Tgt Ion: 98 Resp: 603057
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037786.D
Acq: 18 Sep 2023 19:10

Tgt Ion: 95 Resp: 227523
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 78.4 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: VX037786.D

Acq: 18 Sep 2023 19:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230907

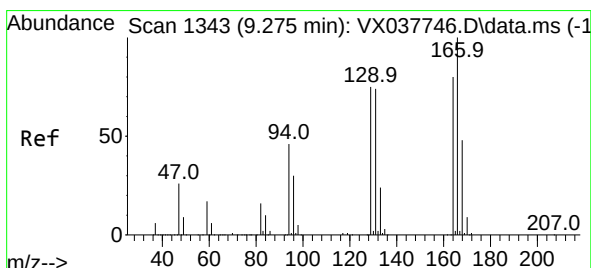
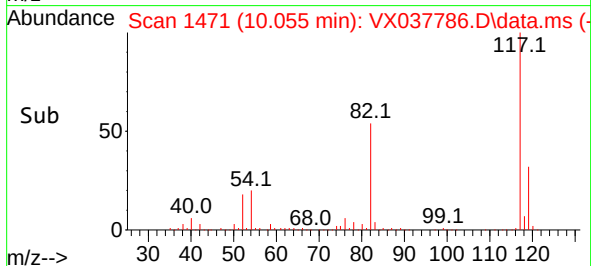
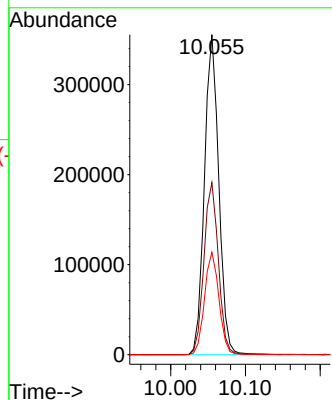
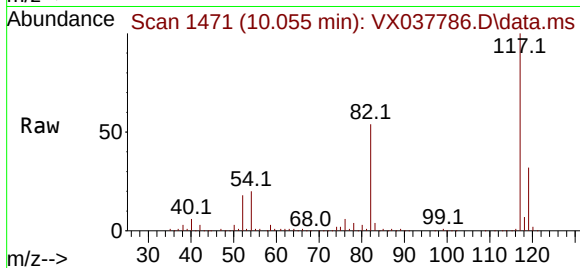
Tgt Ion:117 Resp: 473624

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 13.377 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX037786.D

Acq: 18 Sep 2023 19:10

Tgt Ion:164 Resp: 43207

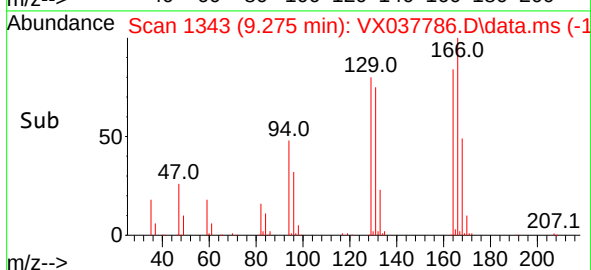
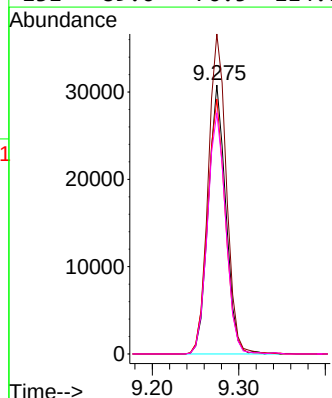
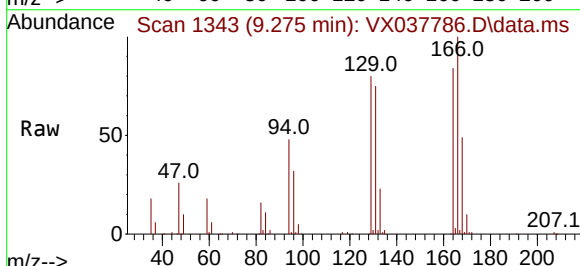
Ion Ratio Lower Upper

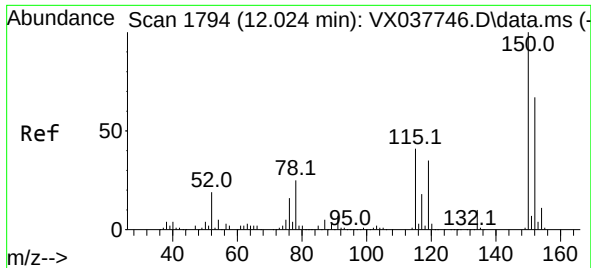
164 100

166 119.0 102.7 154.1

129 94.8 80.4 120.6

131 89.6 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: VX037786.D

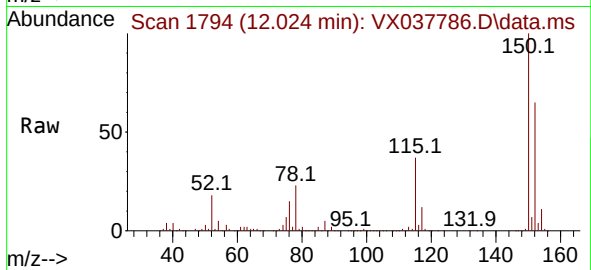
Acq: 18 Sep 2023 19:10

Instrument :

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Tgt Ion:152 Resp: 243905

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 156.5 0.0 345.0

