

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038760.D
 Acq On : 11 Nov 2023 05:32
 Operator : JC/MD
 Sample : 05357-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

Quant Time: Nov 13 01:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

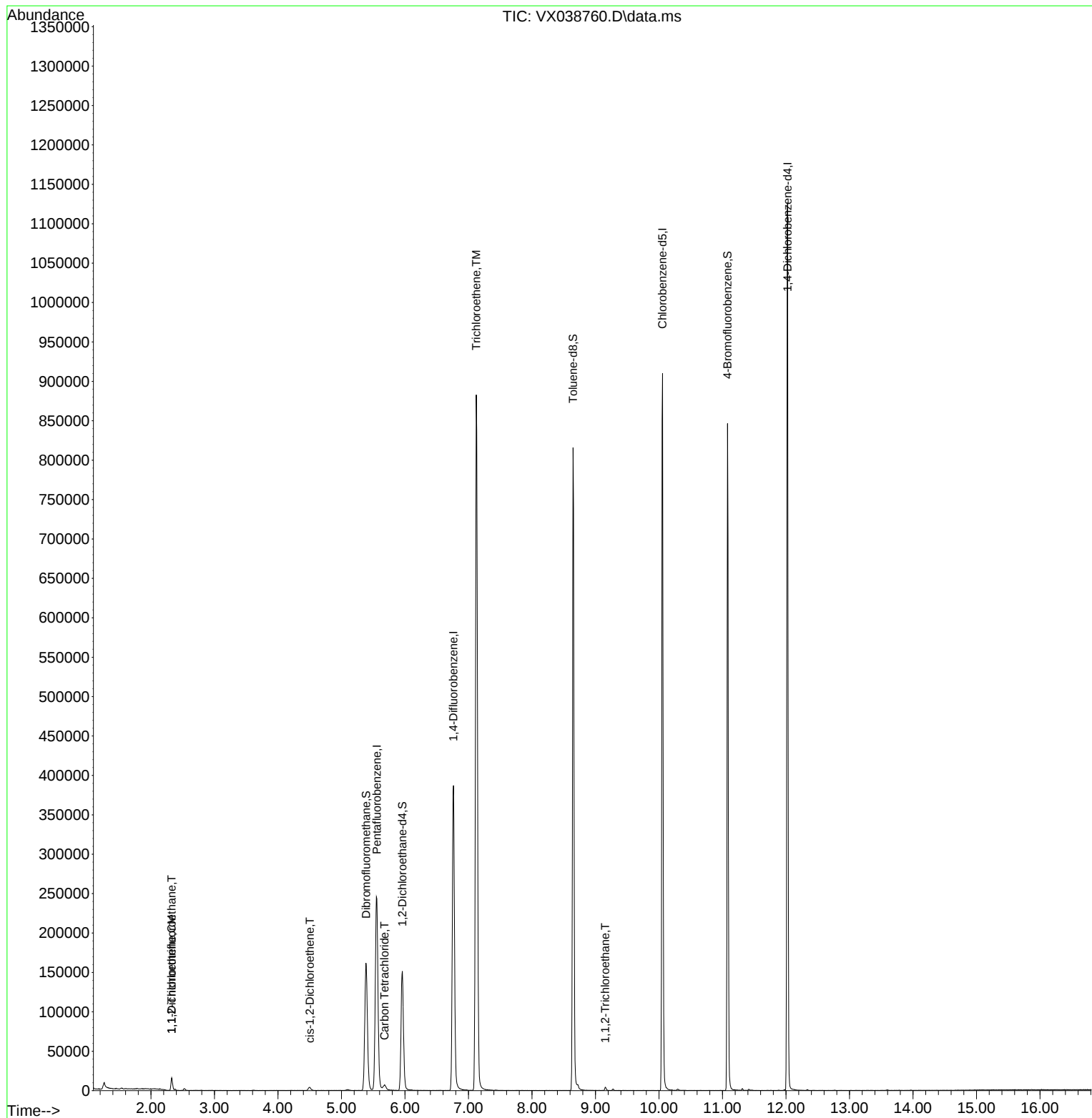
Internal Standards						
1) Pentafluorobenzene	5.556	168	259951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	435912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153493	47.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	144066	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	521882	46.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	226203	51.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	2890	1.141	ug/l	91
12) 1,1-Dichloroethene	2.325	96	3389	1.397	ug/l	# 78
27) cis-1,2-Dichloroethene	4.501	96	3032	0.994	ug/l	74
38) Carbon Tetrachloride	5.678	117	5644	1.295	ug/l	# 92
44) Trichloroethene	7.123	130	368224	105.356	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	1326	0.425	ug/l	# 89

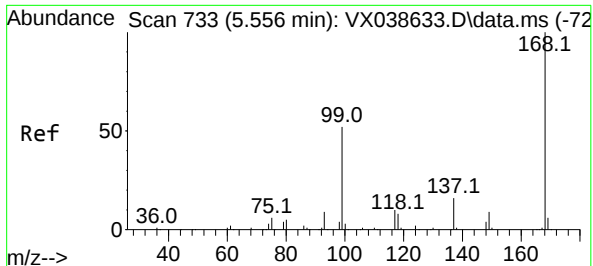
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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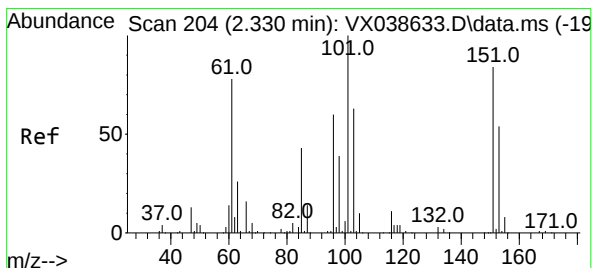
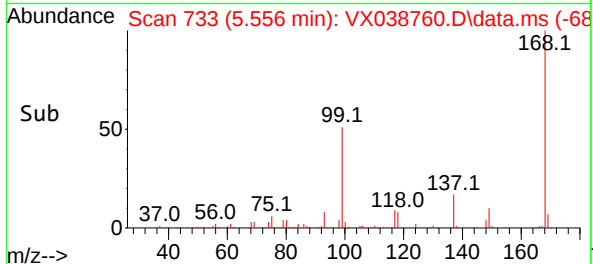
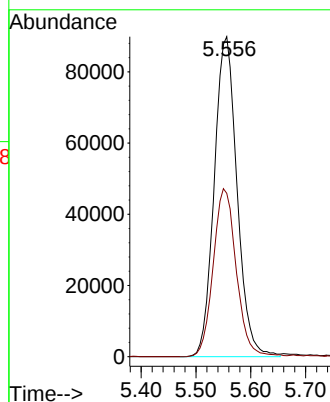
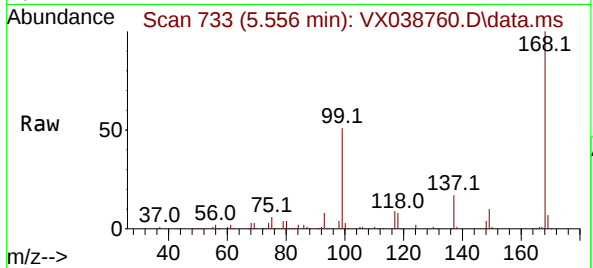




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

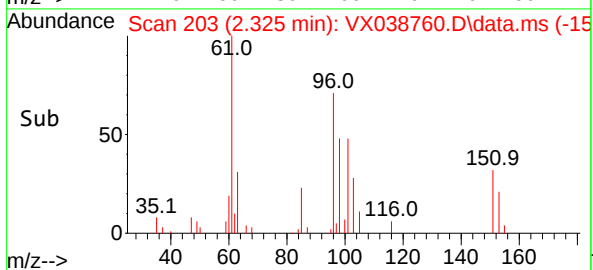
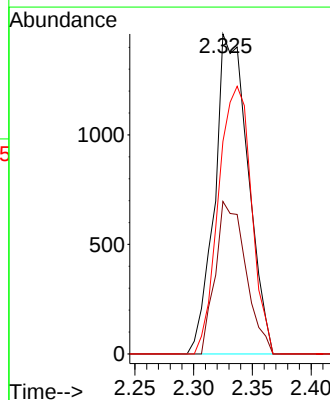
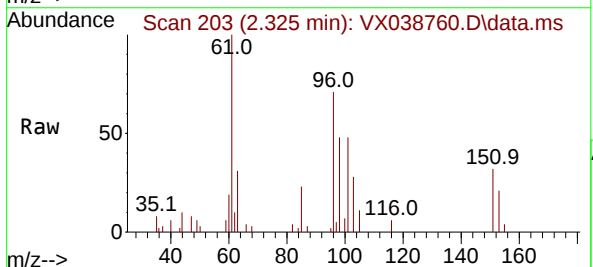
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20231107

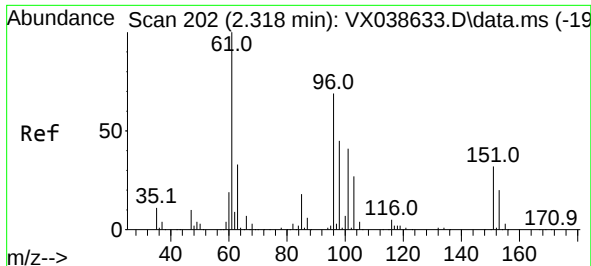
Tgt Ion:168 Resp: 259951
Ion Ratio Lower Upper
168 100
99 51.0 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.141 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion:101 Resp: 2890
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 82.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 1.397 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20231107

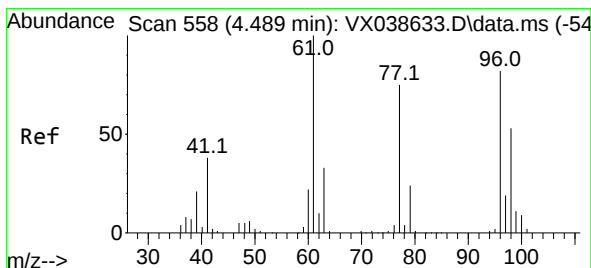
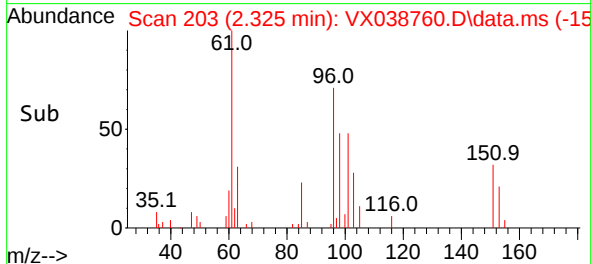
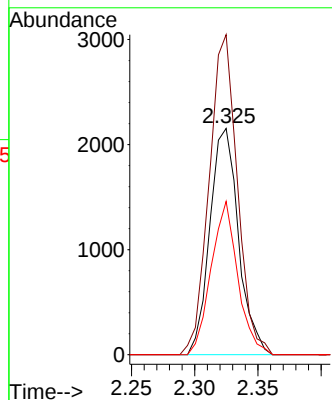
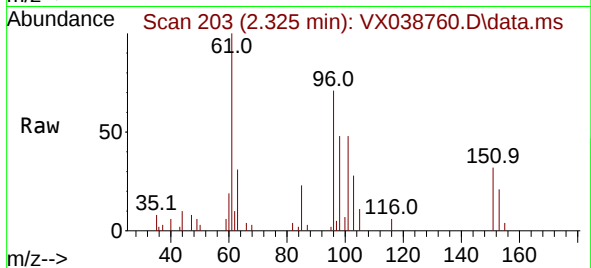
Tgt Ion: 96 Resp: 3389

Ion Ratio Lower Upper

96 100

61 141.4 144.6 216.8#

98 67.8 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 0.994 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.013 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

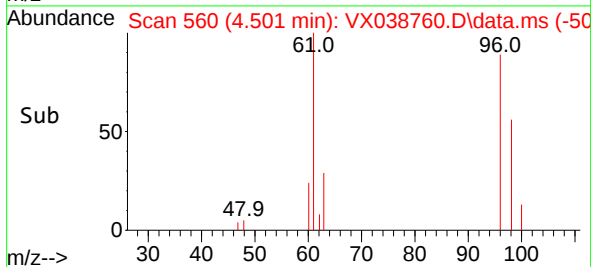
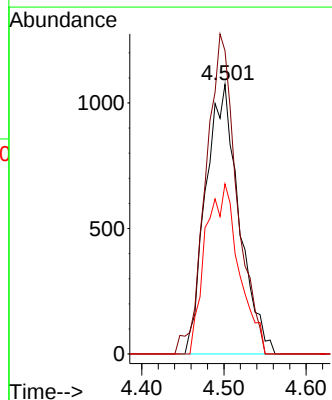
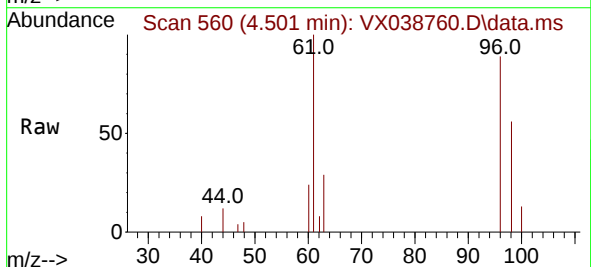
Tgt Ion: 96 Resp: 3032

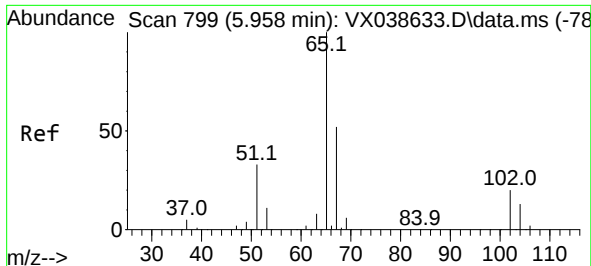
Ion Ratio Lower Upper

96 100

61 109.8 0.0 312.2

98 63.2 0.0 129.0

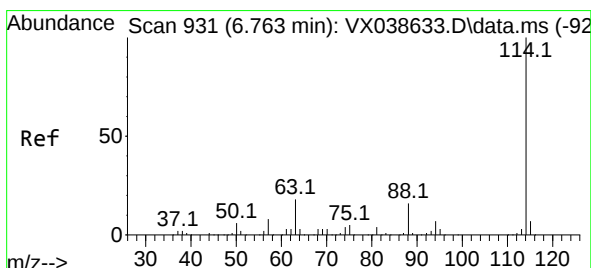
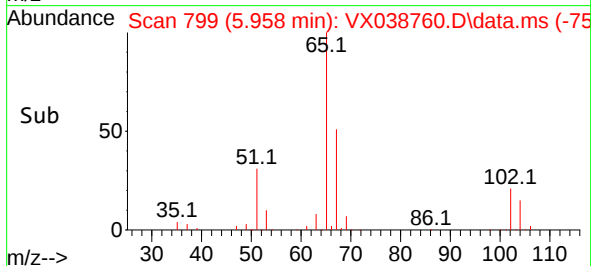
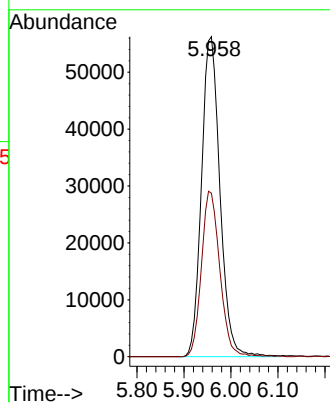
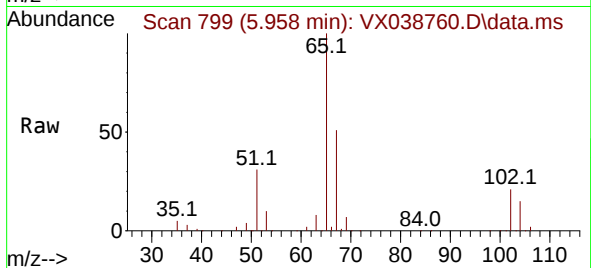




#33
 1,2-Dichloroethane-d4
 Concen: 47.429 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

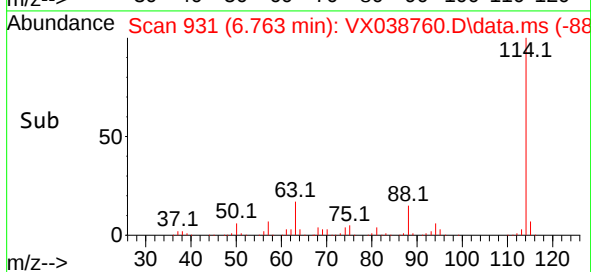
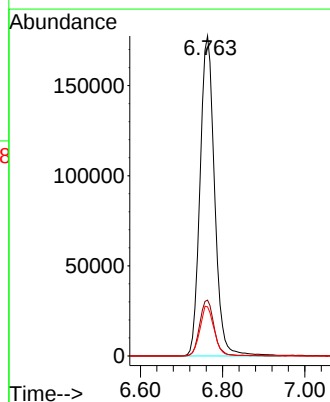
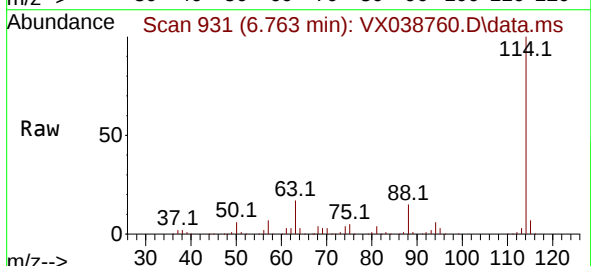
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

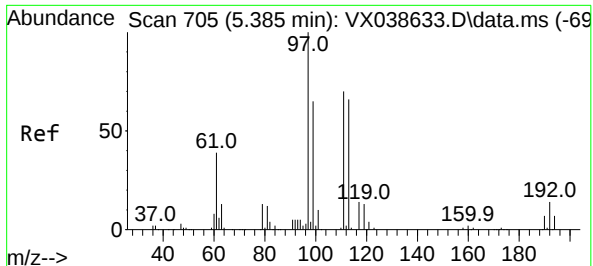
Tgt Ion: 65 Resp: 153493
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

Tgt Ion: 114 Resp: 435912
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 45.0
 88 15.3 0.0 36.6

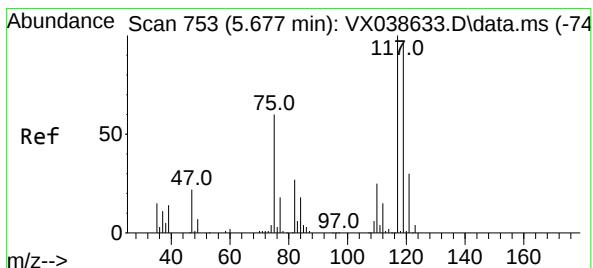
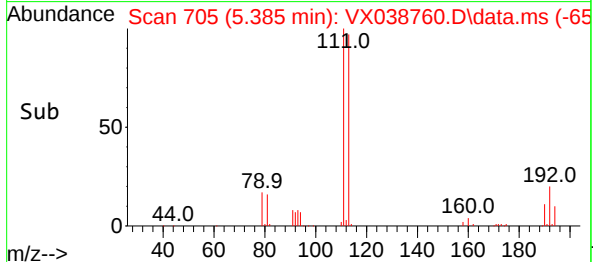
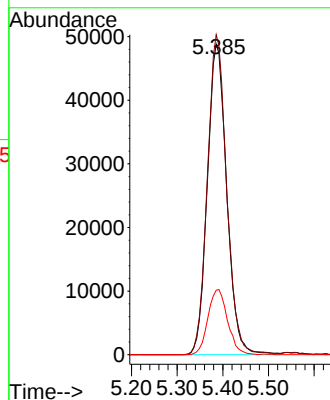
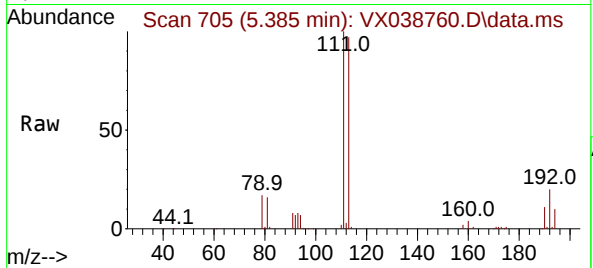




#35
 Dibromofluoromethane
 Concen: 45.887 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

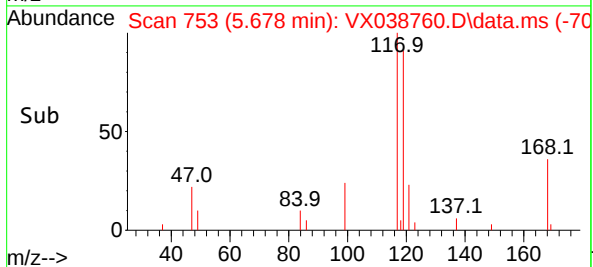
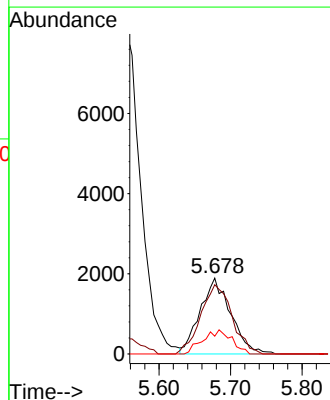
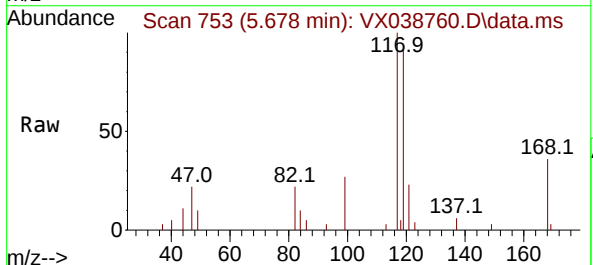
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20231107

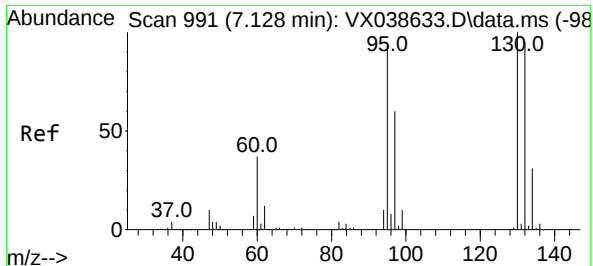
Tgt Ion:113 Resp: 144066
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 21.2 13.3 19.9#



#38
 Carbon Tetrachloride
 Concen: 1.295 ug/l
 RT: 5.678 min Scan# 753
 Delta R.T. 0.000 min
 Lab File: VX038760.D
 Acq: 11 Nov 2023 05:32

Tgt Ion:117 Resp: 5644
 Ion Ratio Lower Upper
 117 100
 119 91.4 78.2 117.2
 121 23.4 24.4 36.6#

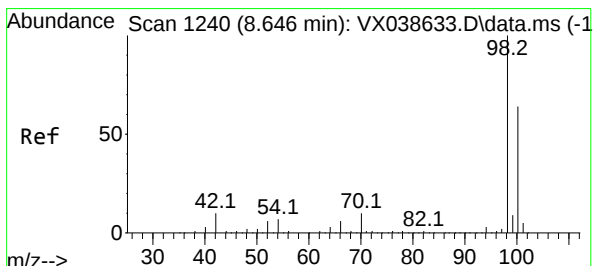
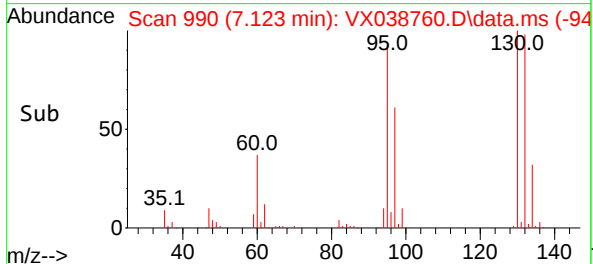
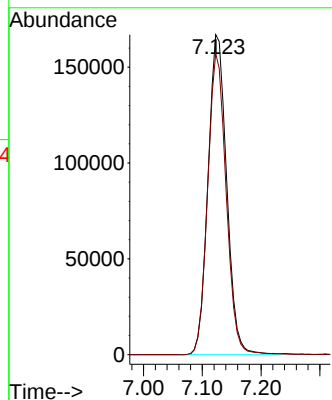
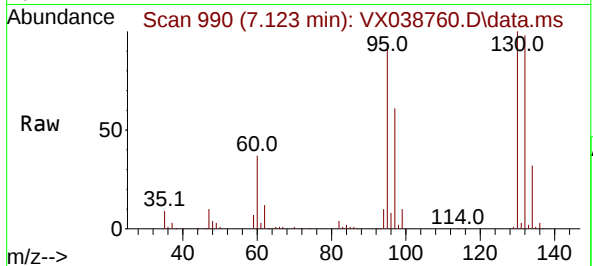




#44
Trichloroethene
Concen: 105.356 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

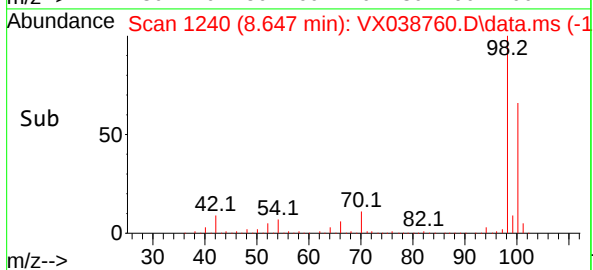
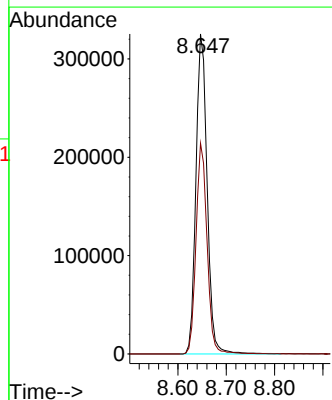
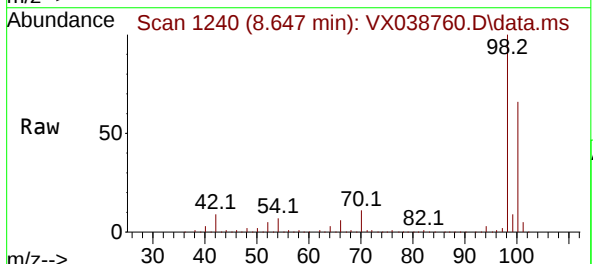
Instrument :
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DUP01-20231107

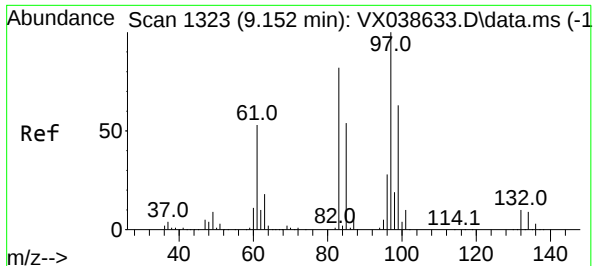
Tgt Ion:130 Resp: 368224
Ion Ratio Lower Upper
130 100
95 94.2 0.0 204.4



#50
Toluene-d8
Concen: 46.453 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038760.D
Acq: 11 Nov 2023 05:32

Tgt Ion: 98 Resp: 521882
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7





#55

1,1,2-Trichloroethane

Concen: 0.425 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20231107

Tgt Ion: 97 Resp: 1326

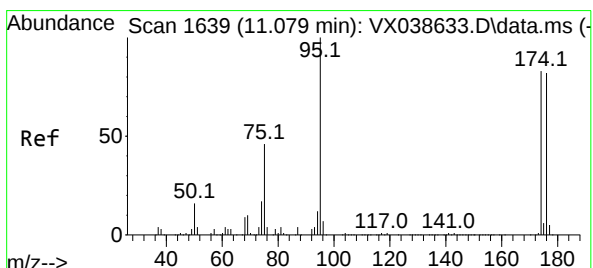
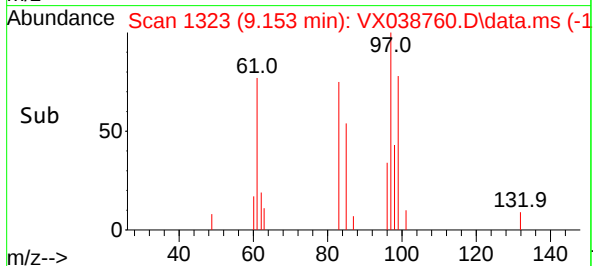
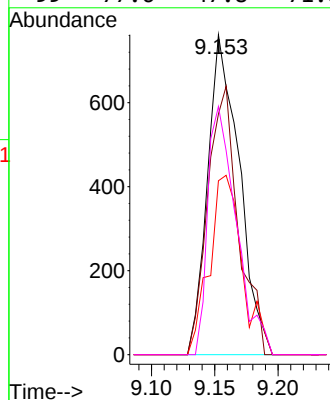
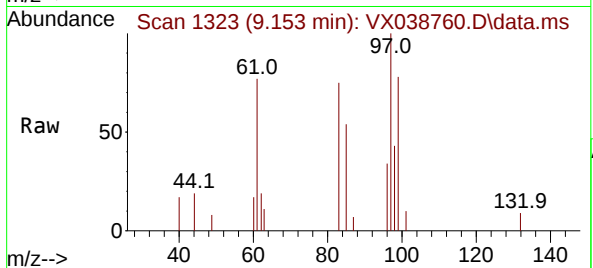
Ion Ratio Lower Upper

97 100

83 75.2 65.8 98.8

85 54.3 41.6 62.4

99 77.6 47.8 71.8#



#62

4-Bromofluorobenzene

Concen: 51.931 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

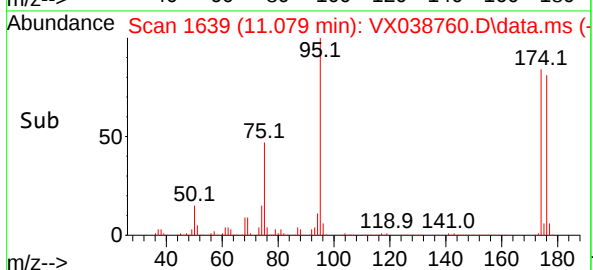
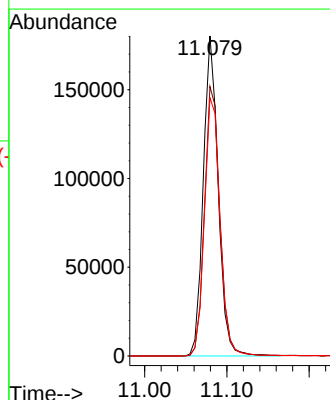
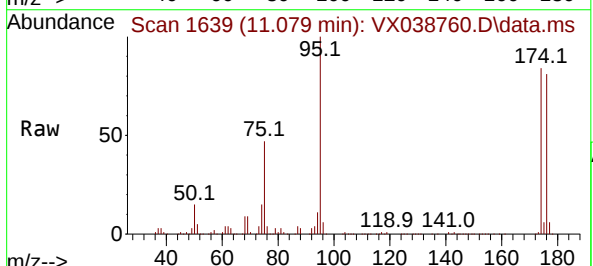
Tgt Ion: 95 Resp: 226203

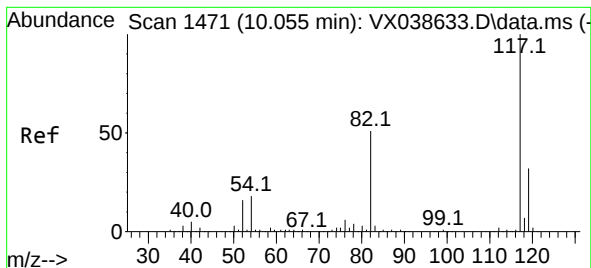
Ion Ratio Lower Upper

95 100

174 87.9 0.0 135.6

176 84.9 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: VX038760.D

Acq: 11 Nov 2023 05:32

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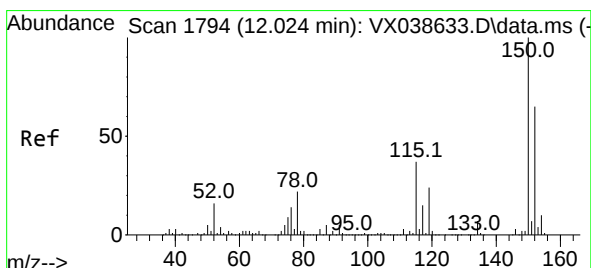
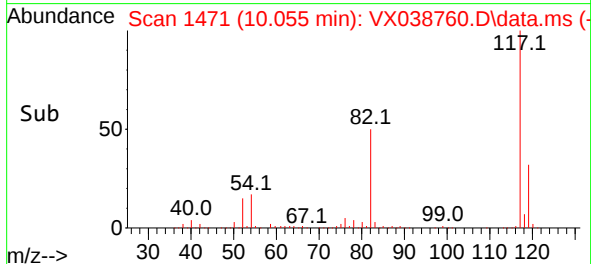
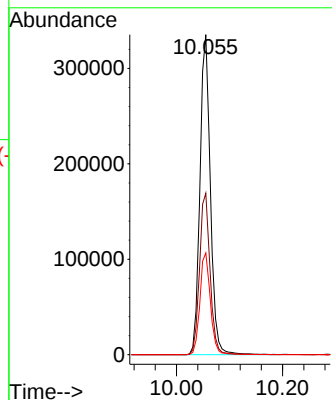
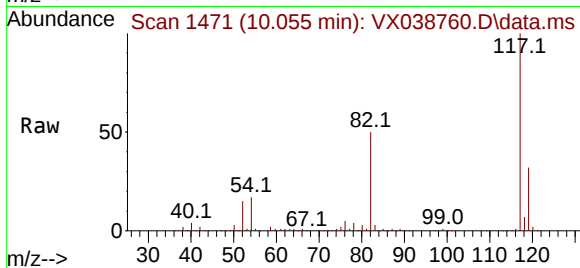
Tgt Ion:117 Resp: 458999

Ion Ratio Lower Upper

117 100

82 50.4 46.2 69.4

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038760.D

Acq: 11 Nov 2023 05:32

Tgt Ion:152 Resp: 267985

Ion Ratio Lower Upper

152 100

115 56.7 43.3 129.9

150 153.2 0.0 345.0

