

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038437.D
 Acq On : 23 Oct 2023 17:01
 Operator : JC/MD
 Sample : 05007-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 24 00:04:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

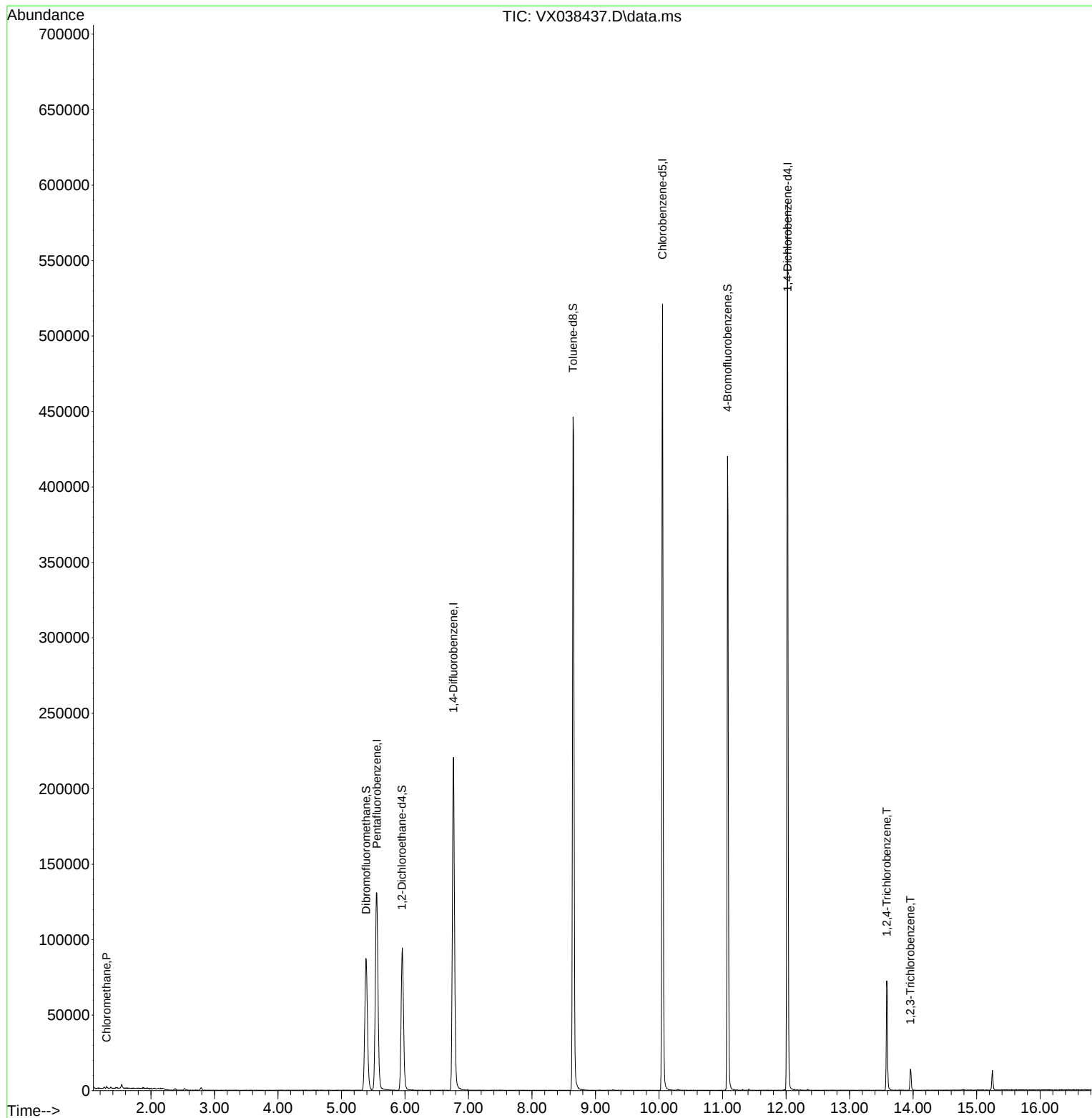
Internal Standards						
1) Pentafluorobenzene	5.556	168	125919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88923	43.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.820%
35) Dibromofluoromethane	5.385	113	76587	46.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	283428	45.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.500%#
62) 4-Bromofluorobenzene	11.079	95	107659	45.338	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1070	0.864	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	18518	7.159	ug/l	95
96) 1,2,3-Trichlorobenzene	13.957	180	3908	1.560	ug/l	94

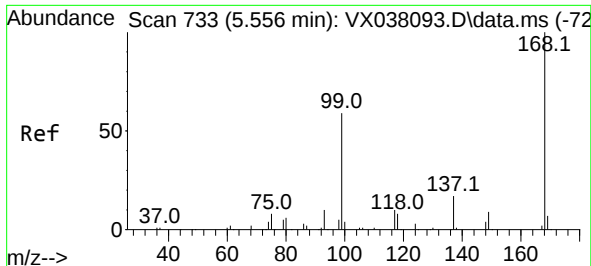
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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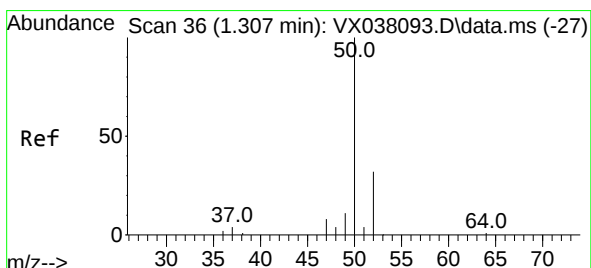
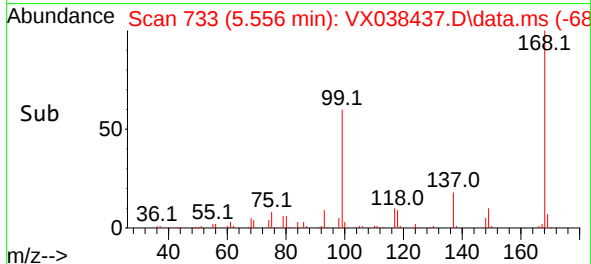
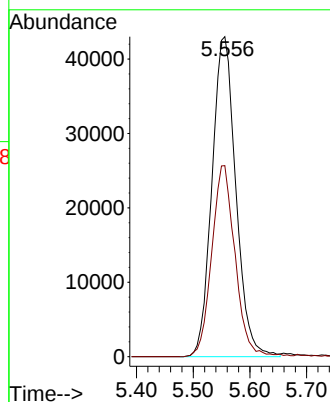
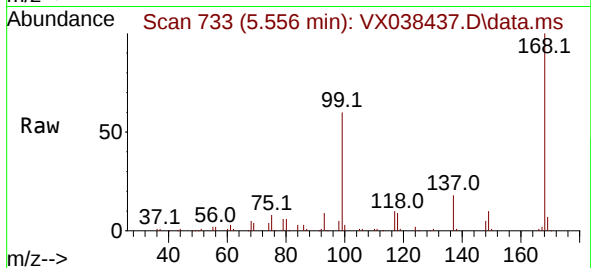




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

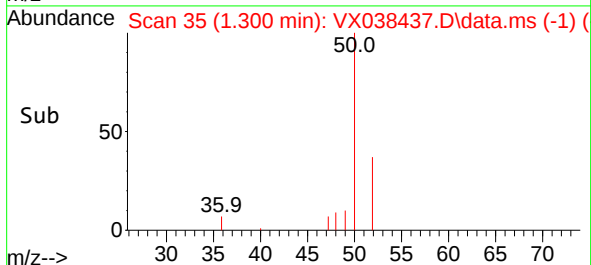
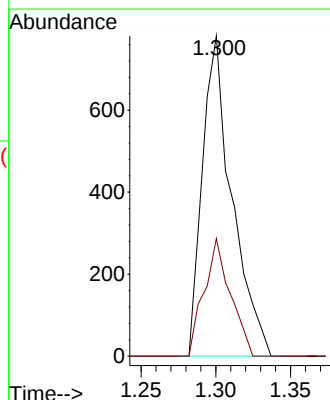
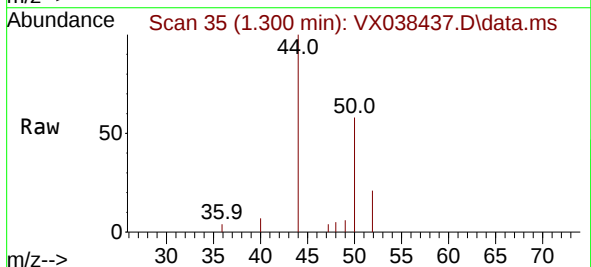
Instrument :
MSVOA_X
ClientSampleId :
TB

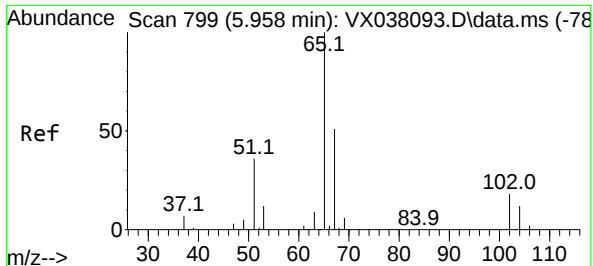
Tgt Ion:168 Resp: 125919
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#3
Chloromethane
Concen: 0.864 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion: 50 Resp: 1070
Ion Ratio Lower Upper
50 100
52 36.7 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 43.905 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038437.D

Acq: 23 Oct 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

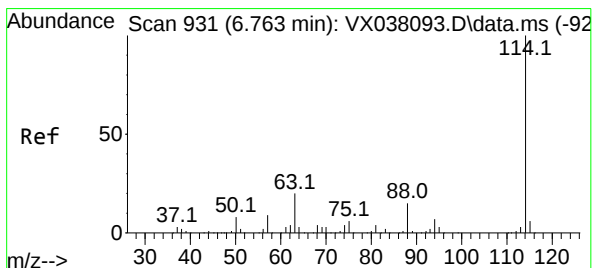
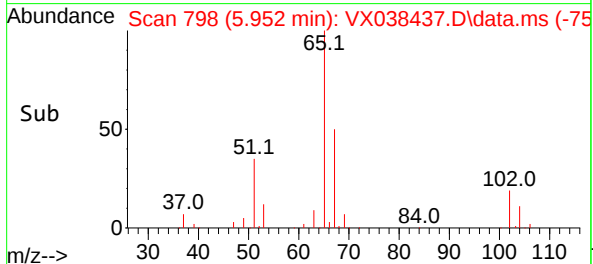
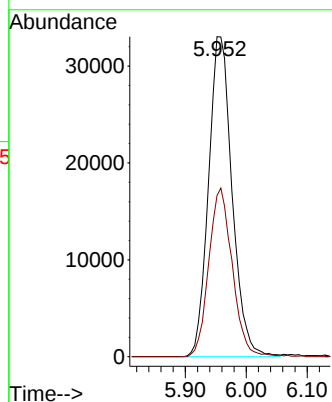
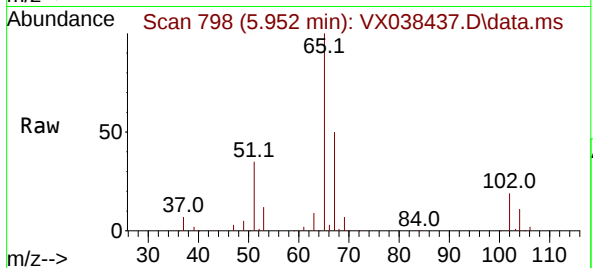
TB

Tgt Ion: 65 Resp: 88923

Ion Ratio Lower Upper

65 100

67 52.2 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: VX038437.D

Acq: 23 Oct 2023 17:01

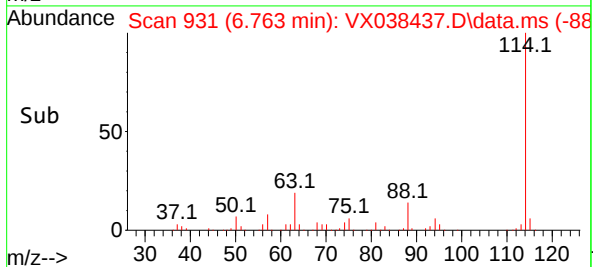
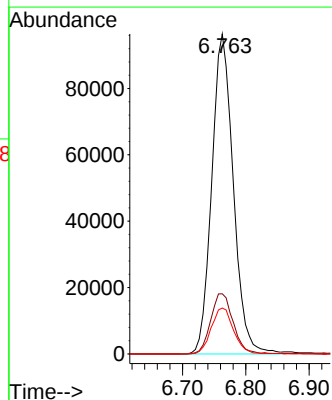
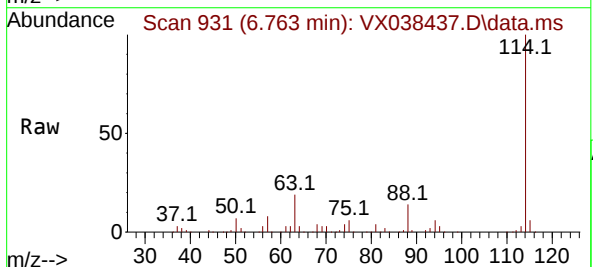
Tgt Ion: 114 Resp: 227480

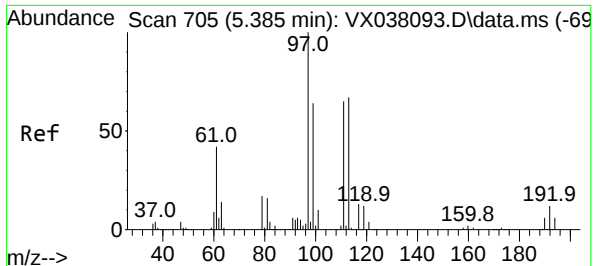
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 14.3 0.0 36.6

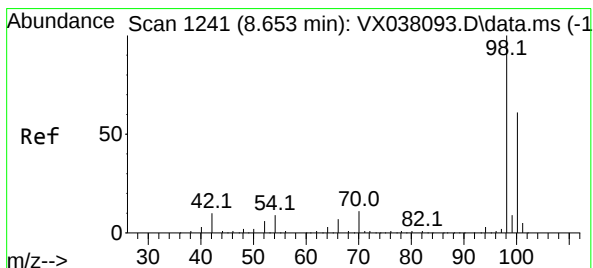
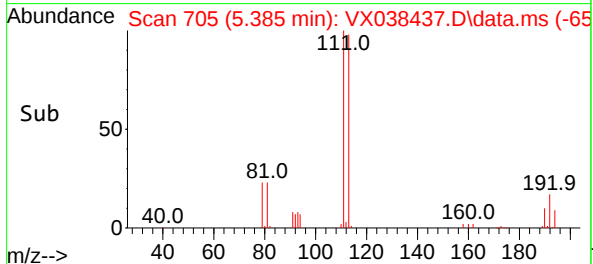
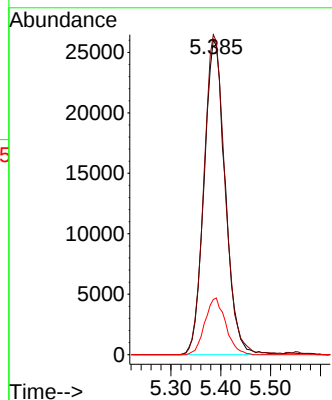
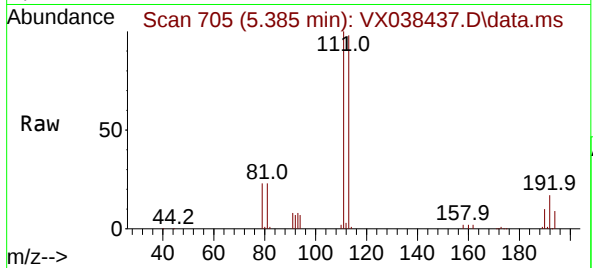




#35
Dibromofluoromethane
Concen: 46.724 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

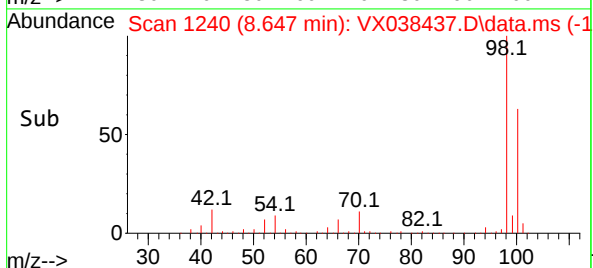
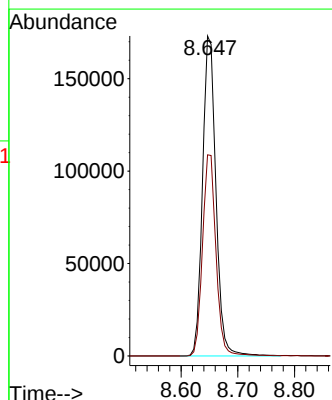
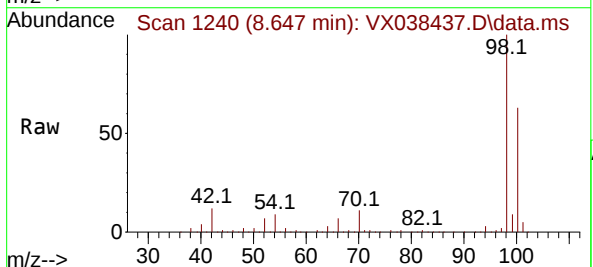
Instrument :
MSVOA_X
ClientSampleId :
TB

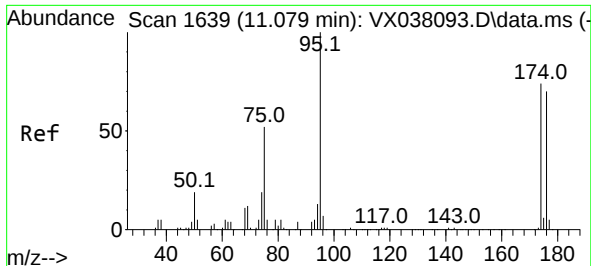
Tgt Ion:113 Resp: 76587
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.8 13.3 19.9



#50
Toluene-d8
Concen: 45.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion: 98 Resp: 283428
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.338 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038437.D

Acq: 23 Oct 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

TB

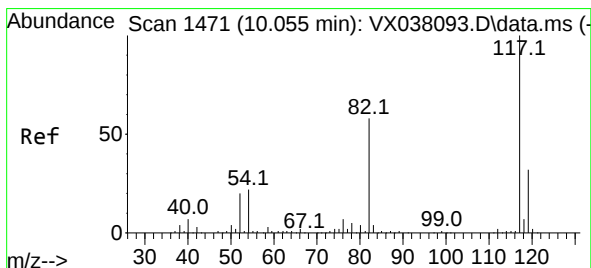
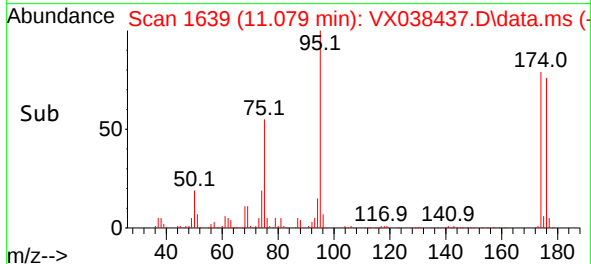
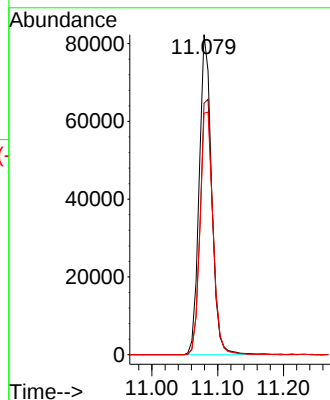
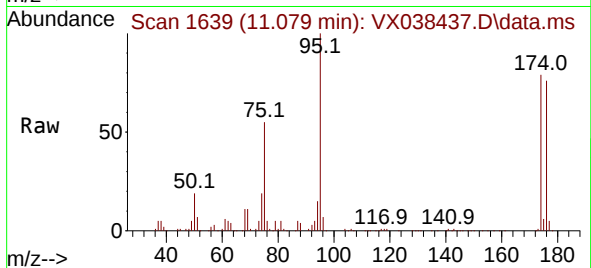
Tgt Ion: 95 Resp: 107659

Ion Ratio Lower Upper

95 100

174 81.7 0.0 135.6

176 79.4 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: VX038437.D

Acq: 23 Oct 2023 17:01

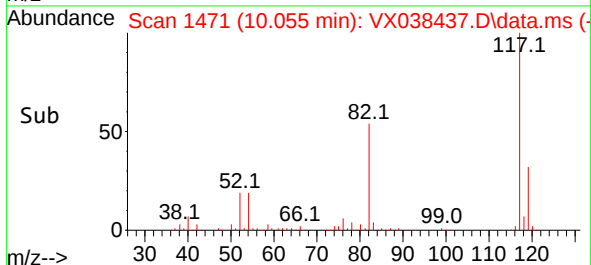
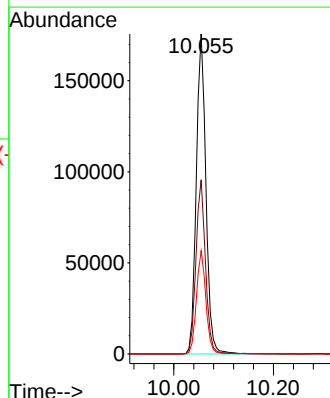
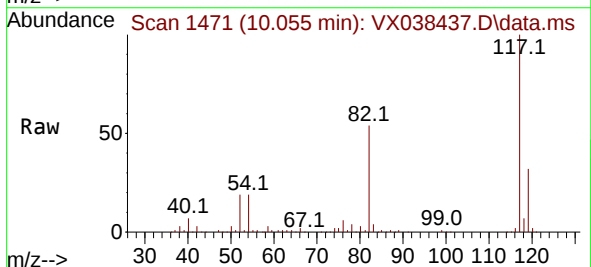
Tgt Ion: 117 Resp: 235805

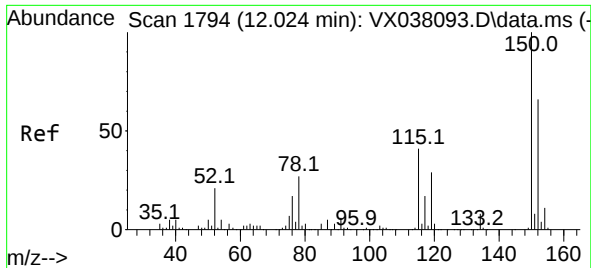
Ion Ratio Lower Upper

117 100

82 54.4 46.2 69.4

119 32.3 25.5 38.3

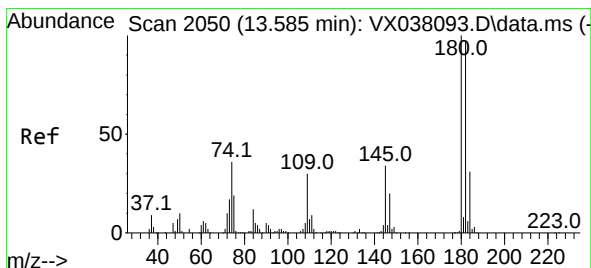
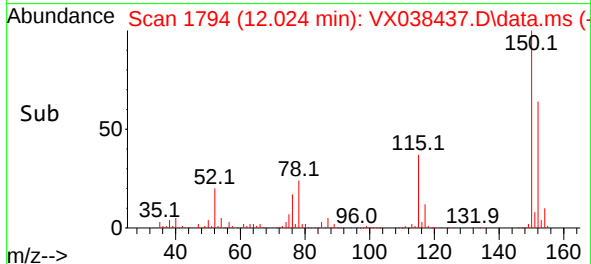
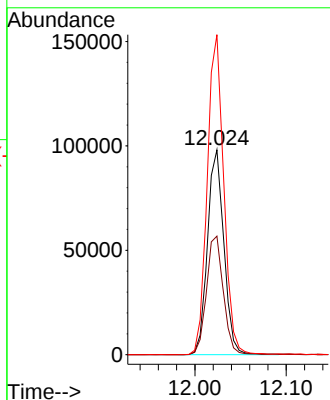
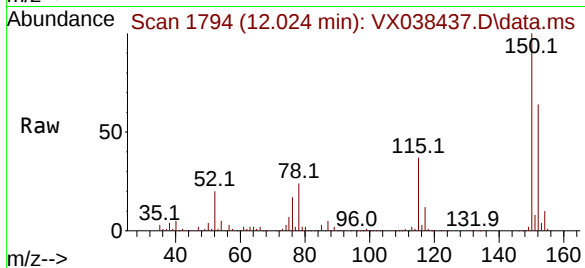




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

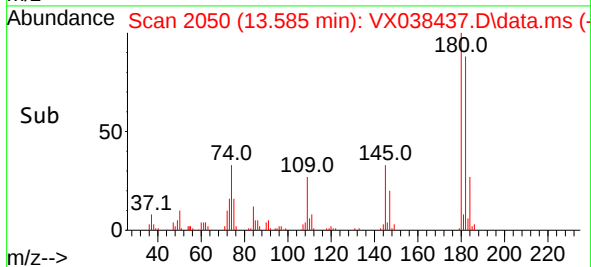
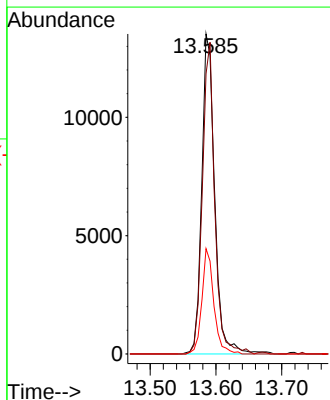
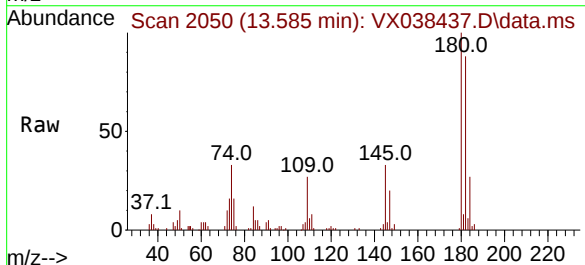
Instrument :
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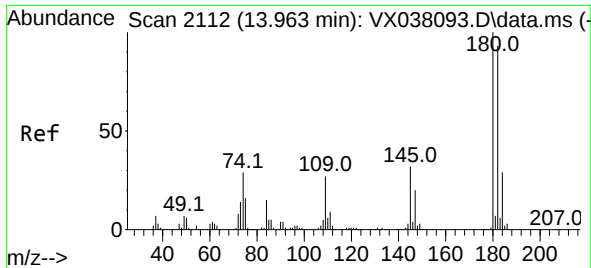
Tgt Ion:152 Resp: 122009
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 157.1 0.0 345.0



#93
1,2,4-Trichlorobenzene
Concen: 7.159 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038437.D
Acq: 23 Oct 2023 17:01

Tgt Ion:180 Resp: 18518
Ion Ratio Lower Upper
180 100
182 92.8 48.3 144.8
145 30.5 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.560 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX038437.D
 Acq: 23 Oct 2023 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion:180 Resp: 3908
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.9 140.6
 145 31.9 17.8 53.5

