

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038000.D
 Acq On : 30 Sep 2023 13:44
 Operator : JC/MD
 Sample : 04652-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IS4-5

Quant Time: Oct 02 02:10:38 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)

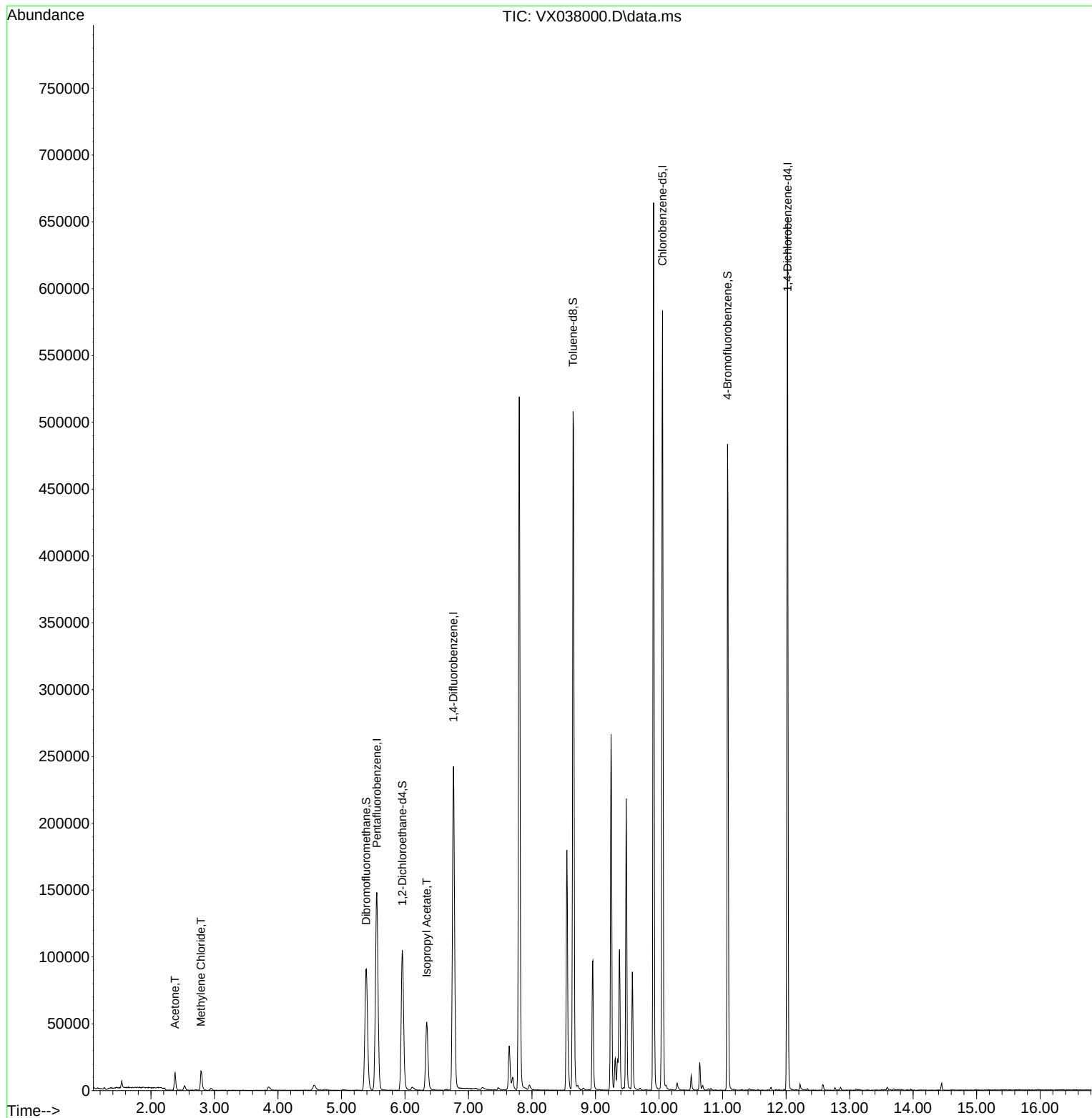
Internal Standards						
1) Pentafluorobenzene	5.556	168	134067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102070	57.947	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.900%
35) Dibromofluoromethane	5.385	113	78237	48.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.646	98	304604	50.980	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	117872	54.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.580%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	14054	16.586	ug/l	94
20) Methylene Chloride	2.788	84	6823	4.332	ug/l #	93
43) Isopropyl Acetate	6.342	43	68872	17.687	ug/l	97

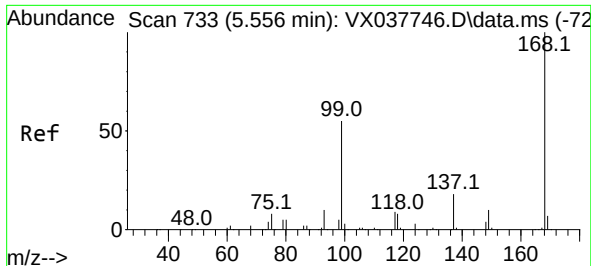
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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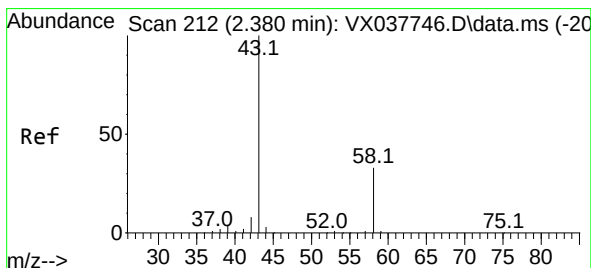
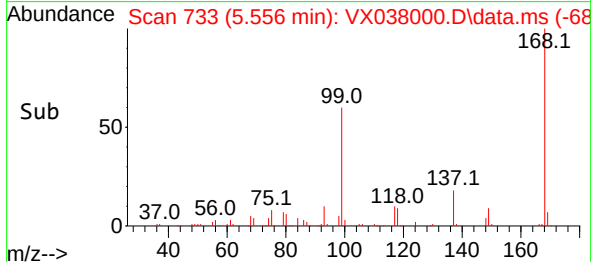
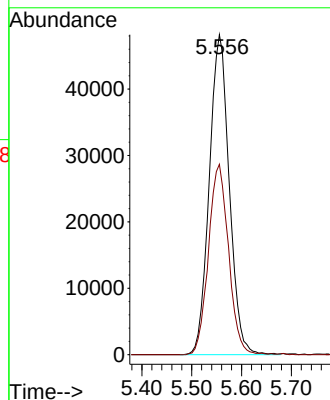
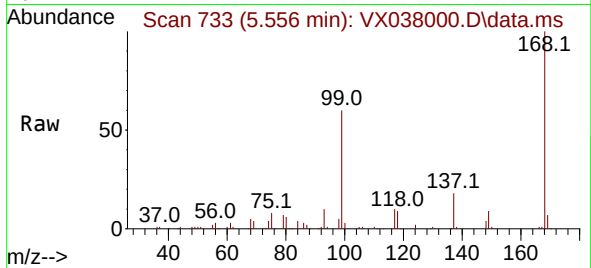




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

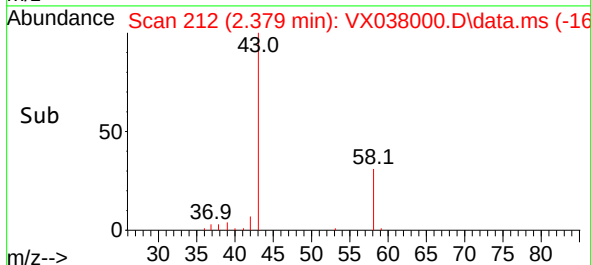
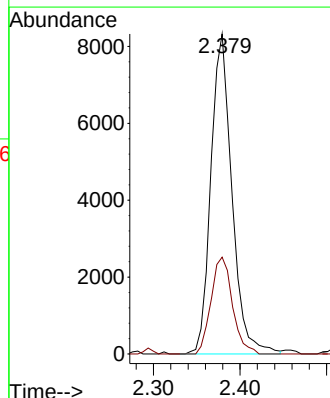
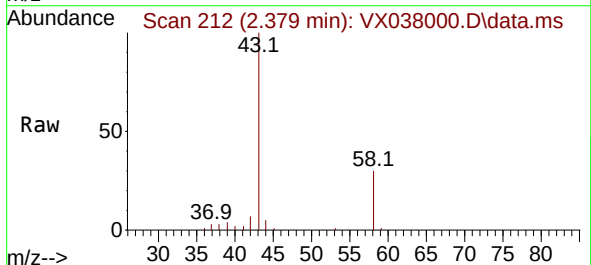
Instrument :
MSVOA_X
ClientSampleId :
IS4-5

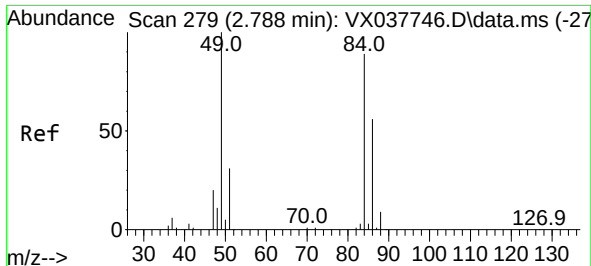
Tgt Ion:168 Resp: 134067
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#16
Acetone
Concen: 16.586 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion: 43 Resp: 14054
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9

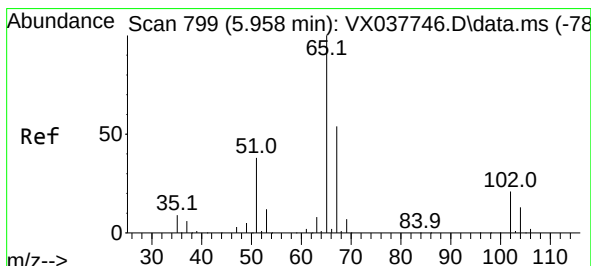
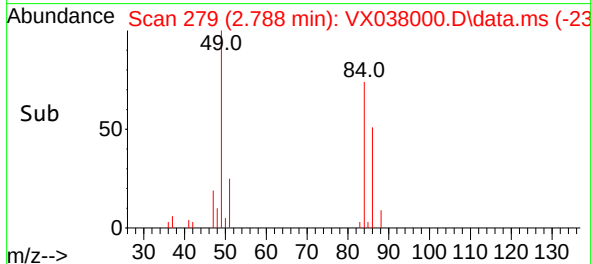
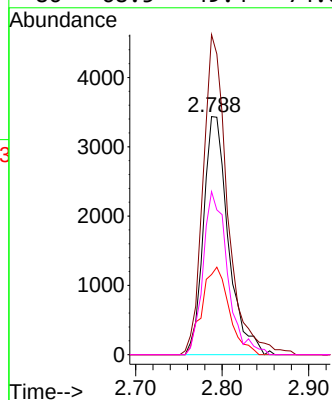
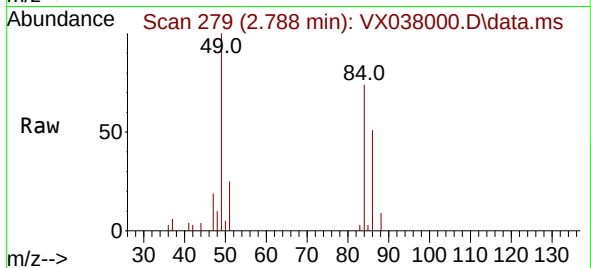




#20
Methylene Chloride
Concen: 4.332 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

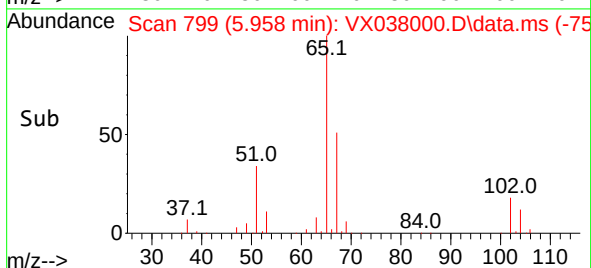
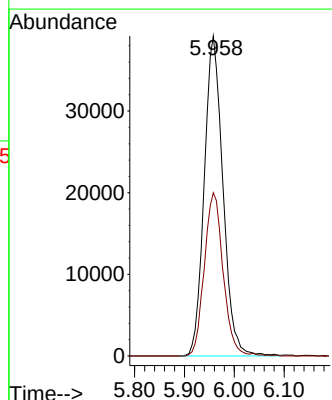
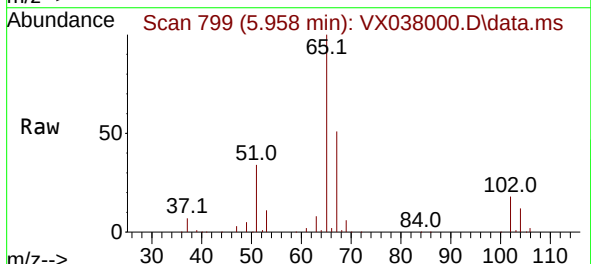
Instrument :
MSVOA_X
ClientSampleId :
IS4-5

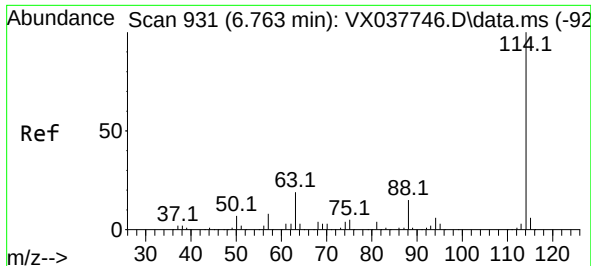
Tgt Ion: 84 Resp: 6823
Ion Ratio Lower Upper
84 100
49 134.4 103.6 155.4
51 33.7 33.8 50.6#
86 68.5 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 57.947 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion: 65 Resp: 102070
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

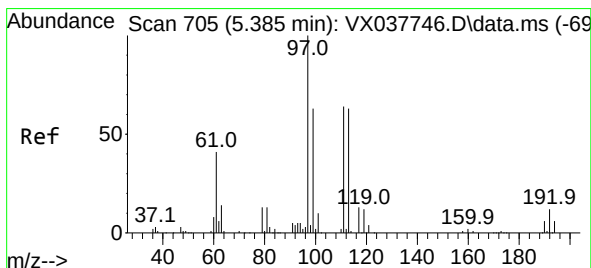
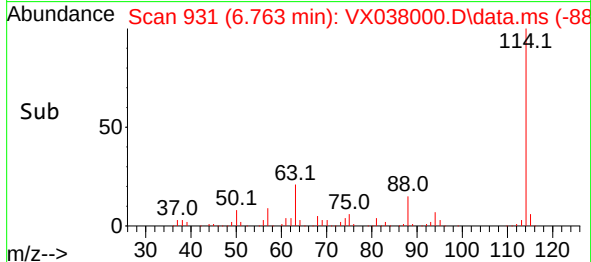
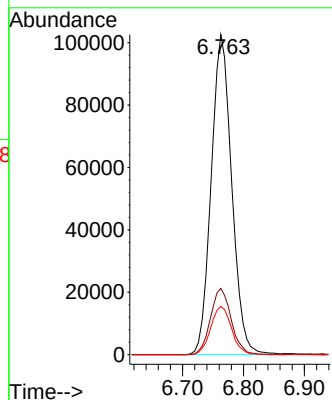
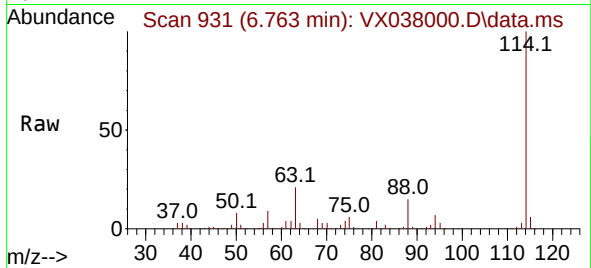




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

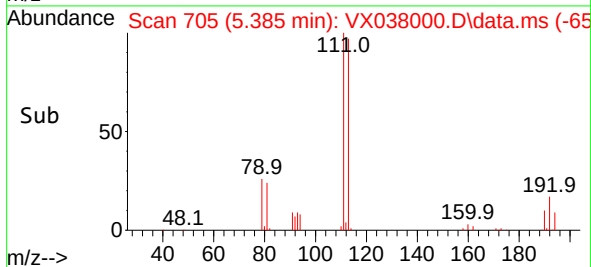
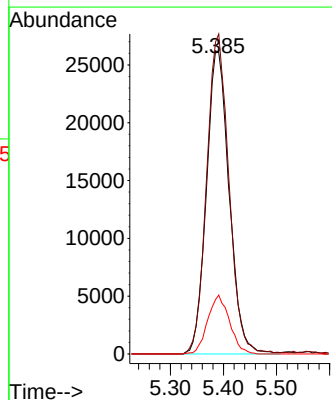
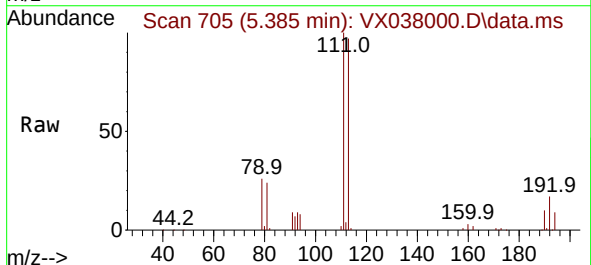
Instrument :
MSVOA_X
ClientSampleId :
IS4-5

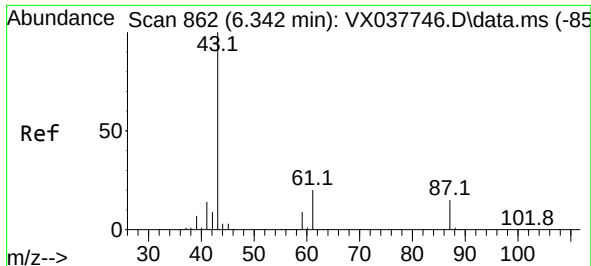
Tgt Ion:114 Resp: 240330
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion:113 Resp: 78237
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9

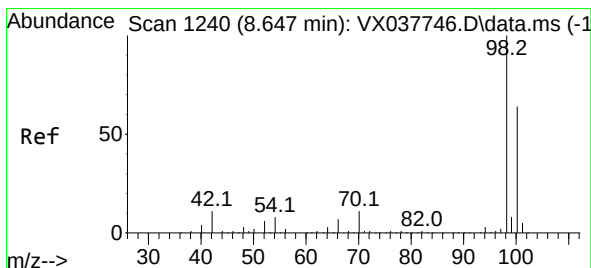
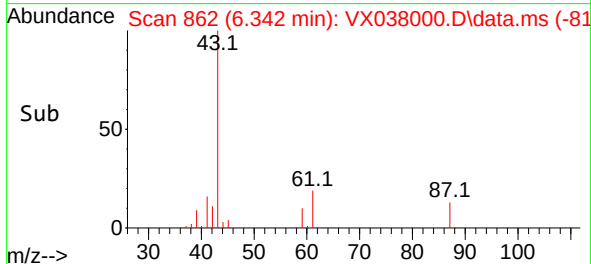
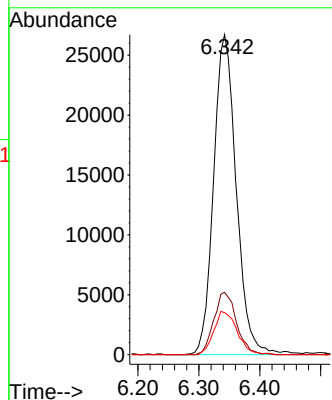
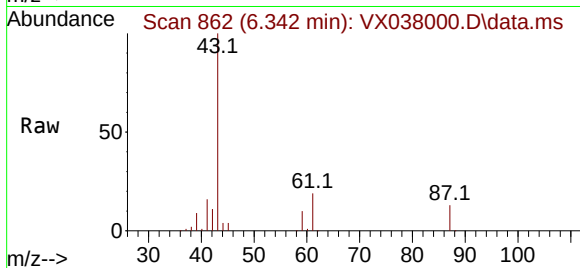




#43
Isopropyl Acetate
Concen: 17.687 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

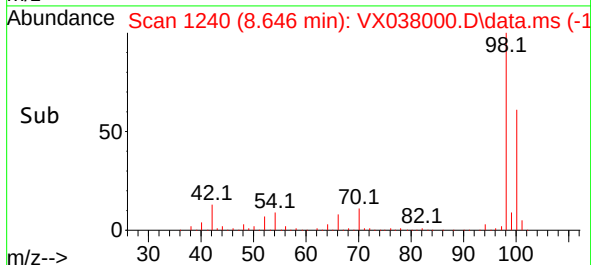
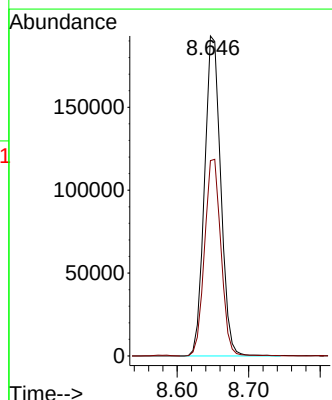
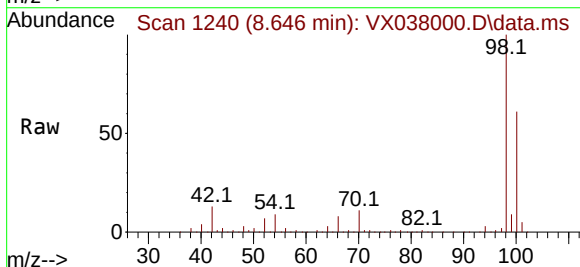
Instrument :
MSVOA_X
ClientSampleId :
IS4-5

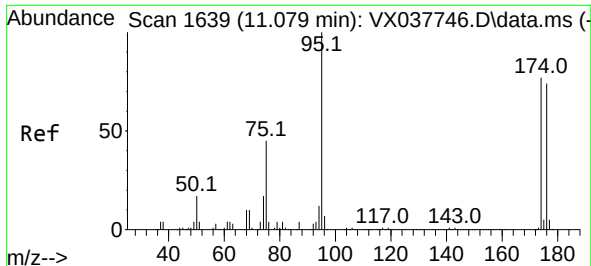
Tgt Ion: 43 Resp: 68872
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.0 9.8 14.6



#50
Toluene-d8
Concen: 50.980 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion: 98 Resp: 304604
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.289 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

ClientSampleId :

IS4-5

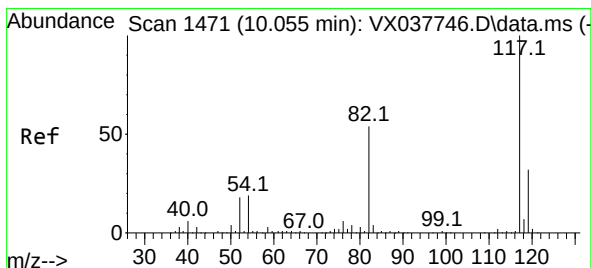
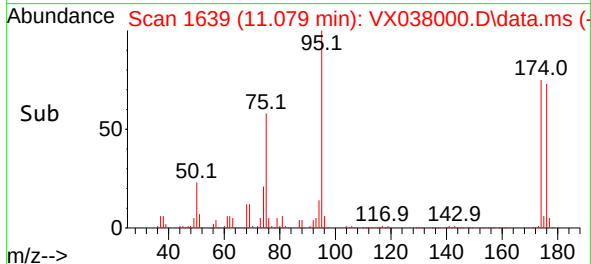
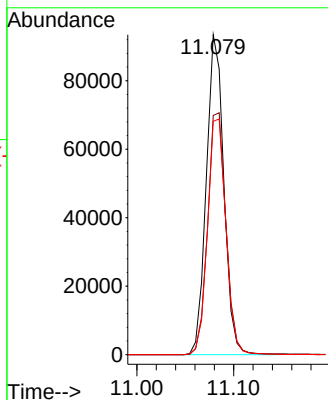
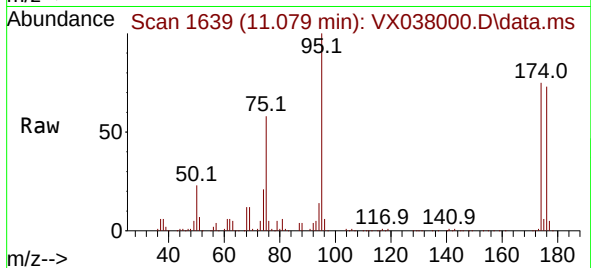
Tgt Ion: 95 Resp: 117872

Ion Ratio Lower Upper

95 100

174 79.0 0.0 135.6

176 77.3 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: VX038000.D

Acq: 30 Sep 2023 13:44

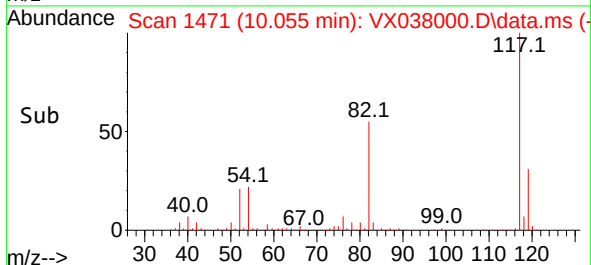
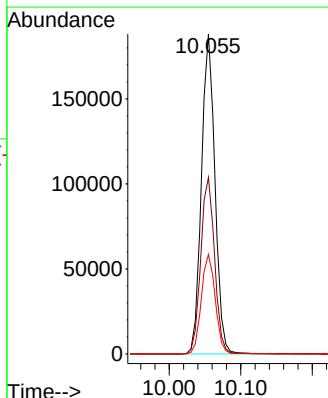
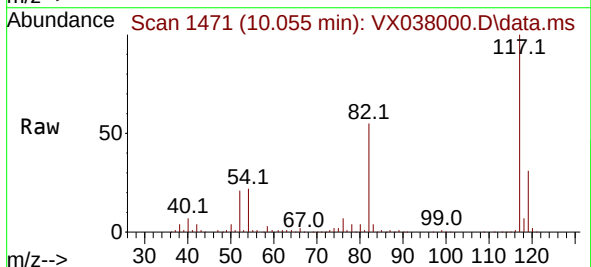
Tgt Ion: 117 Resp: 246784

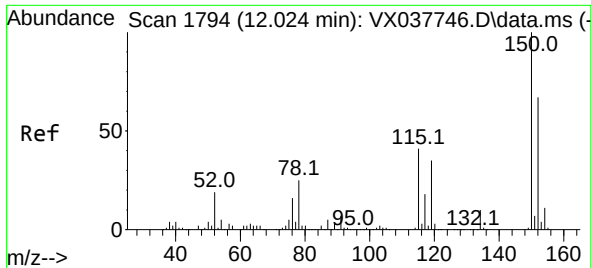
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 31.1 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: VX038000.D

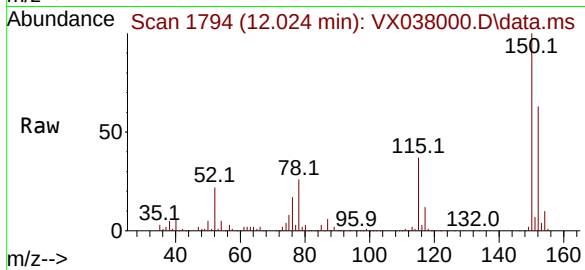
Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

ClientSampleId :

IS4-5



Tgt Ion:152 Resp: 126817

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 157.1 0.0 345.0

