

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038653.D
 Acq On : 08 Nov 2023 14:08
 Operator : JC/MD
 Sample : 05238-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 09 01:20:00 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)

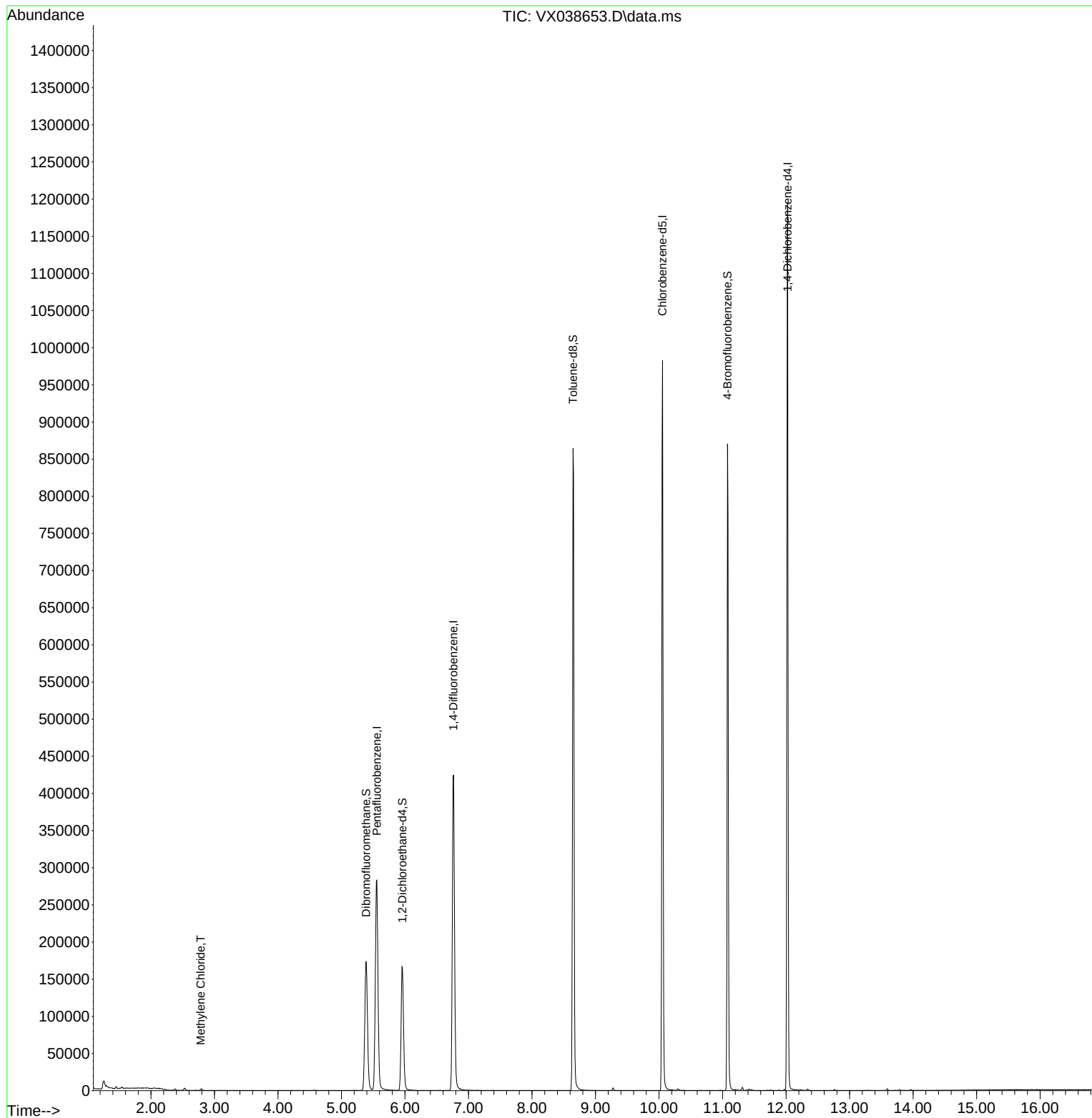
Internal Standards						
1) Pentafluorobenzene	5.556	168	289649	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	474496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166516	46.177	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.385	113	156293	45.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.646	98	561151	45.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.780%#
62) 4-Bromofluorobenzene	11.079	95	234516	49.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.920%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.782	84	1107	0.362	ug/l	# 48

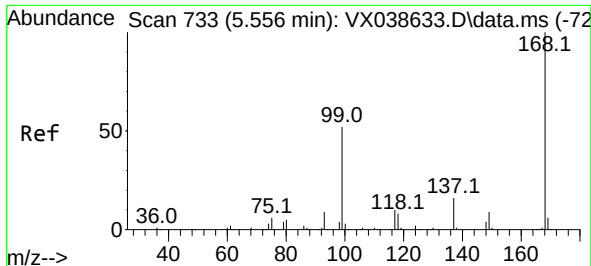
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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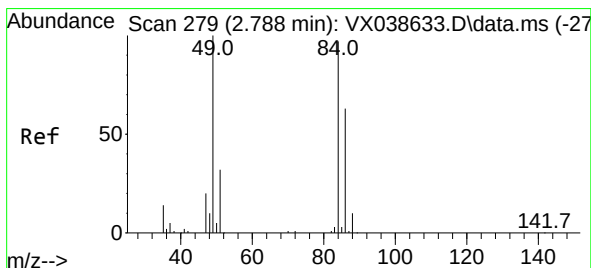
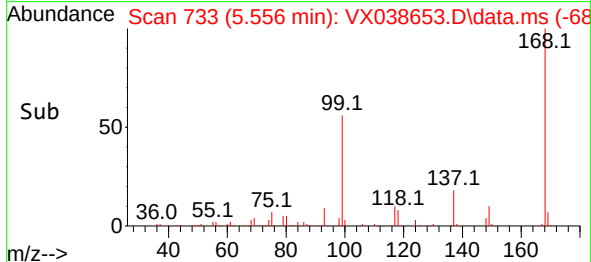
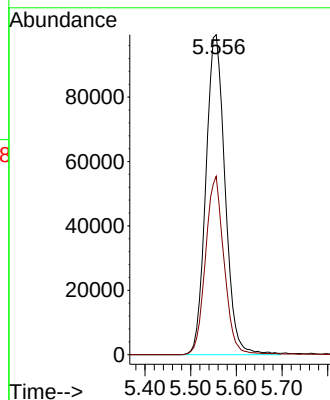
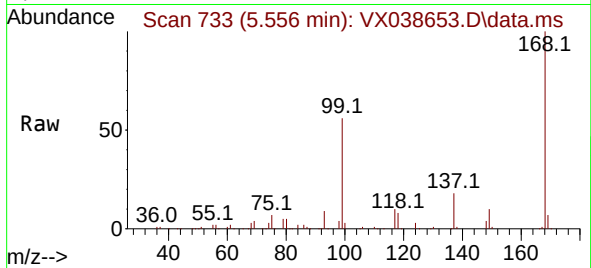




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038653.D
Acq: 08 Nov 2023 14:08

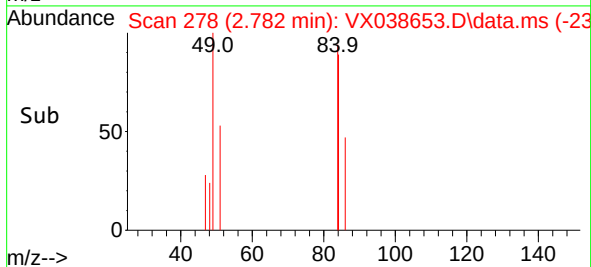
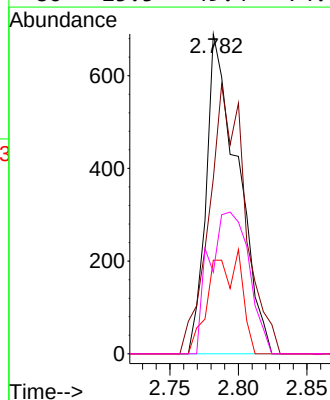
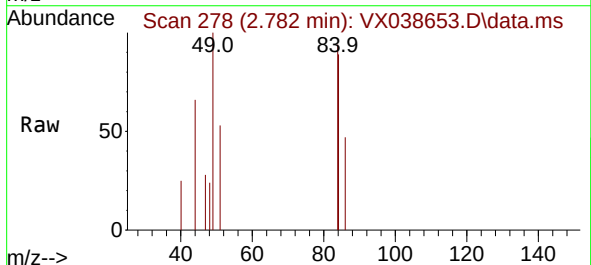
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

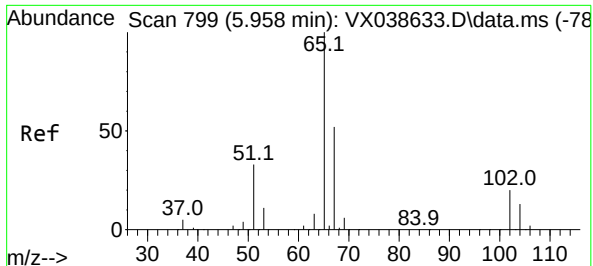
Tgt Ion:168 Resp: 289649
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038653.D
Acq: 08 Nov 2023 14:08

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
49 54.8 103.6 155.4#
51 29.3 33.8 50.6#
86 25.5 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 46.177 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038653.D

Acq: 08 Nov 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

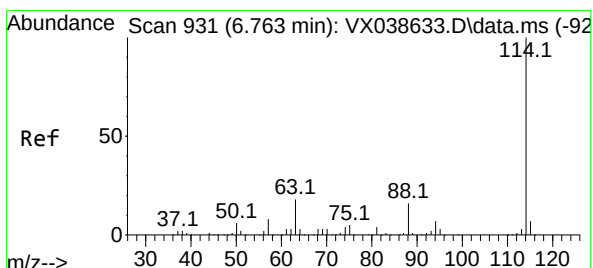
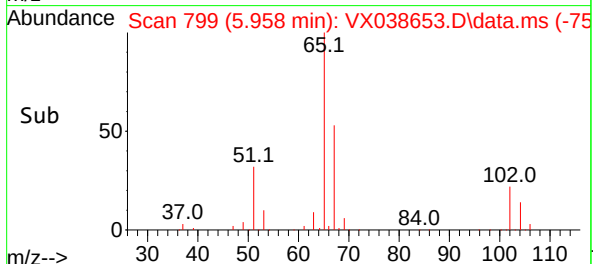
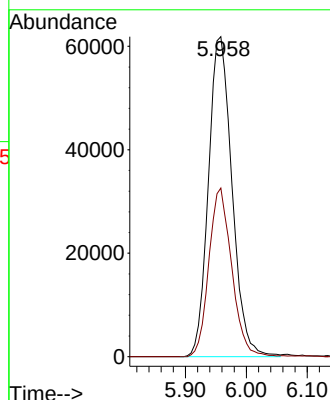
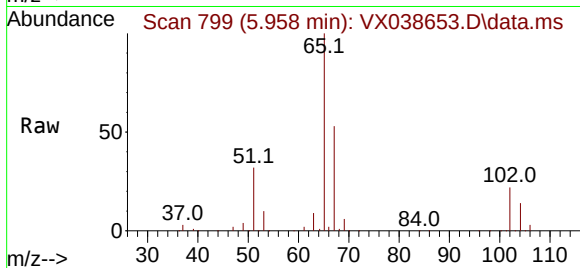
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 166516

Ion Ratio Lower Upper

65 100

67 51.0 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: VX038653.D

Acq: 08 Nov 2023 14:08

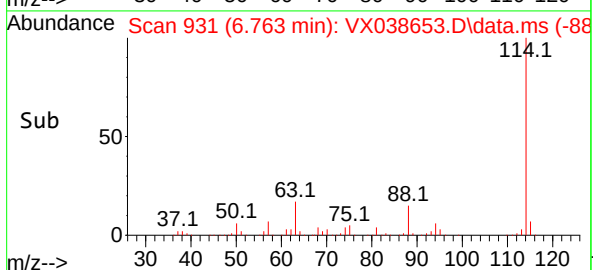
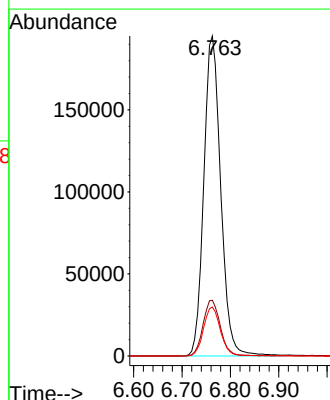
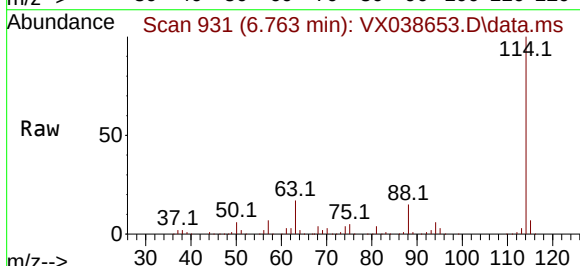
Tgt Ion: 114 Resp: 474496

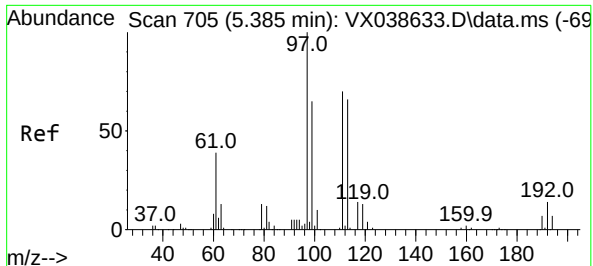
Ion Ratio Lower Upper

114 100

63 17.4 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.734 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038653.D

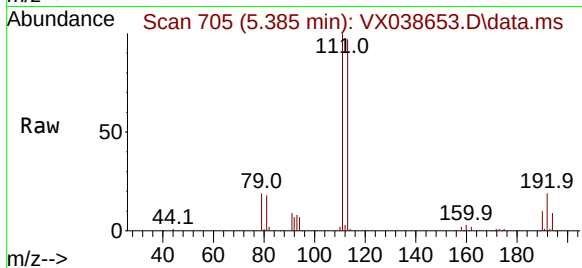
Acq: 08 Nov 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

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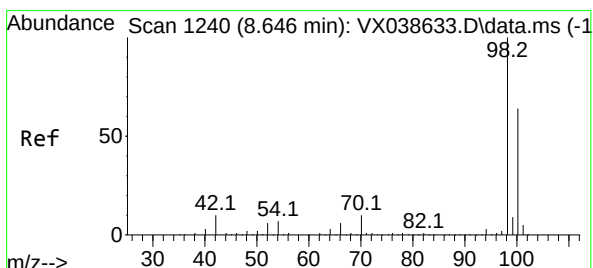
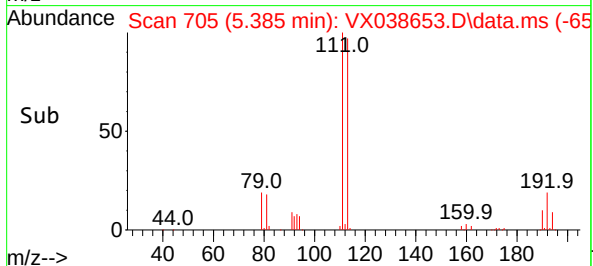
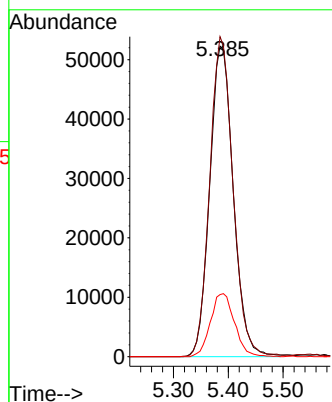
Tgt Ion:113 Resp: 156293

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

192 20.7 13.3 19.9#



#50

Toluene-d8

Concen: 45.887 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038653.D

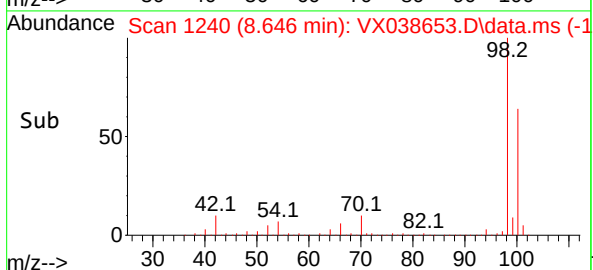
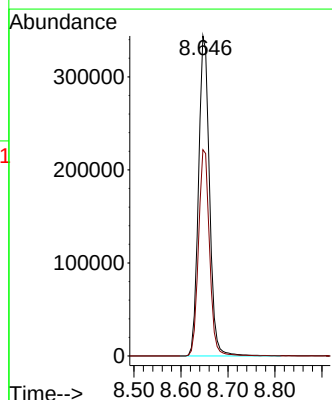
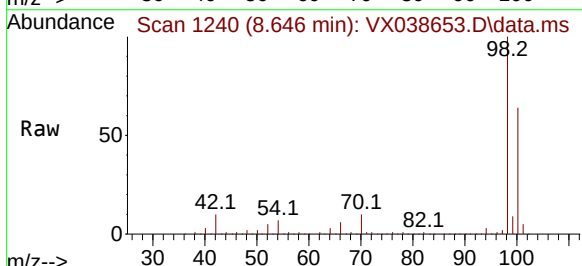
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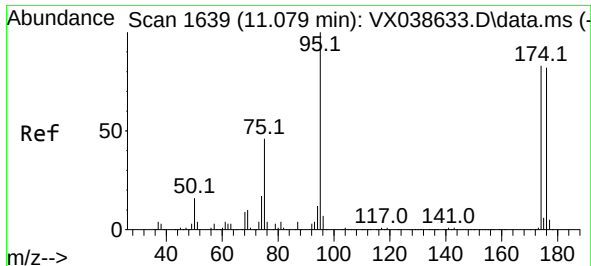
Tgt Ion: 98 Resp: 561151

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7

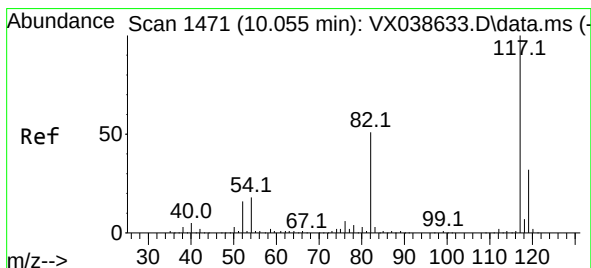
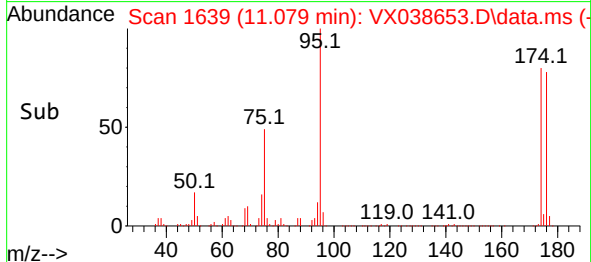
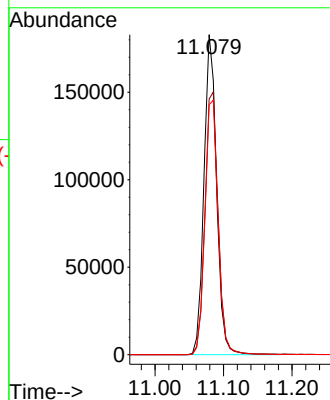
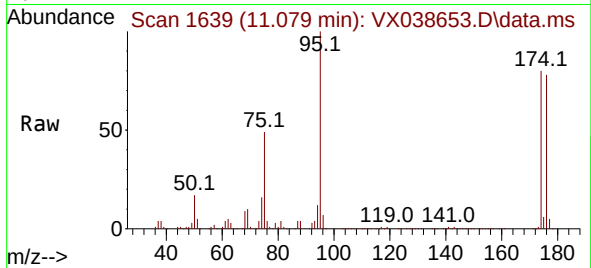




#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038653.D
Acq: 08 Nov 2023 14:08

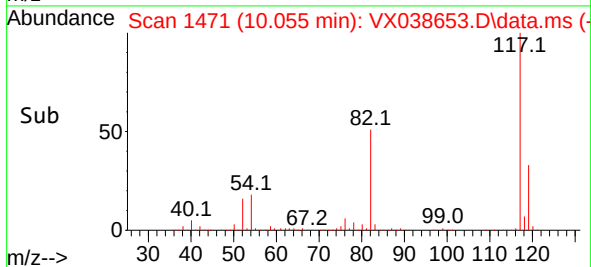
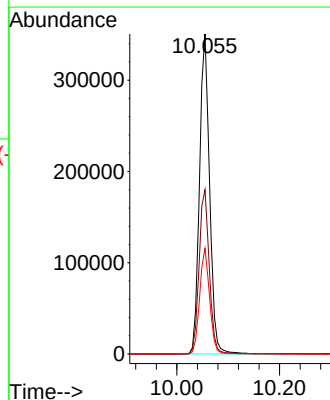
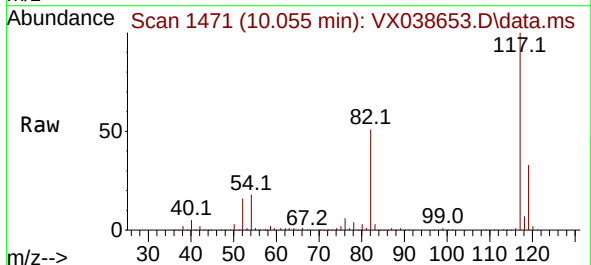
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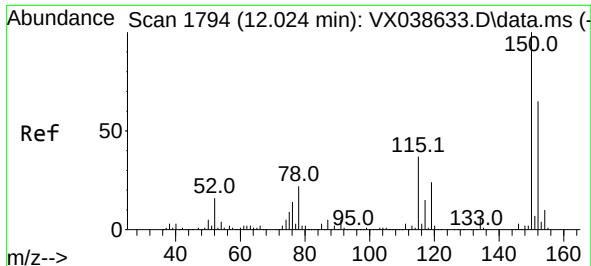
Tgt Ion: 95 Resp: 234516
Ion Ratio Lower Upper
95 100
174 86.0 0.0 135.6
176 83.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038653.D
Acq: 08 Nov 2023 14:08

Tgt Ion: 117 Resp: 477942
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 33.0 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: VX038653.D

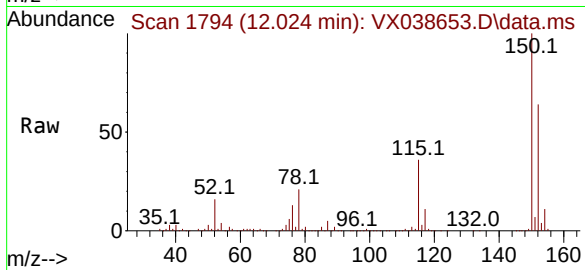
Acq: 08 Nov 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:152 Resp: 270814

Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.9

150 156.6 0.0 345.0

