

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038379.D
 Acq On : 19 Oct 2023 12:42
 Operator : JC/MD
 Sample : 04957-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Oct 20 03:39:06 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)

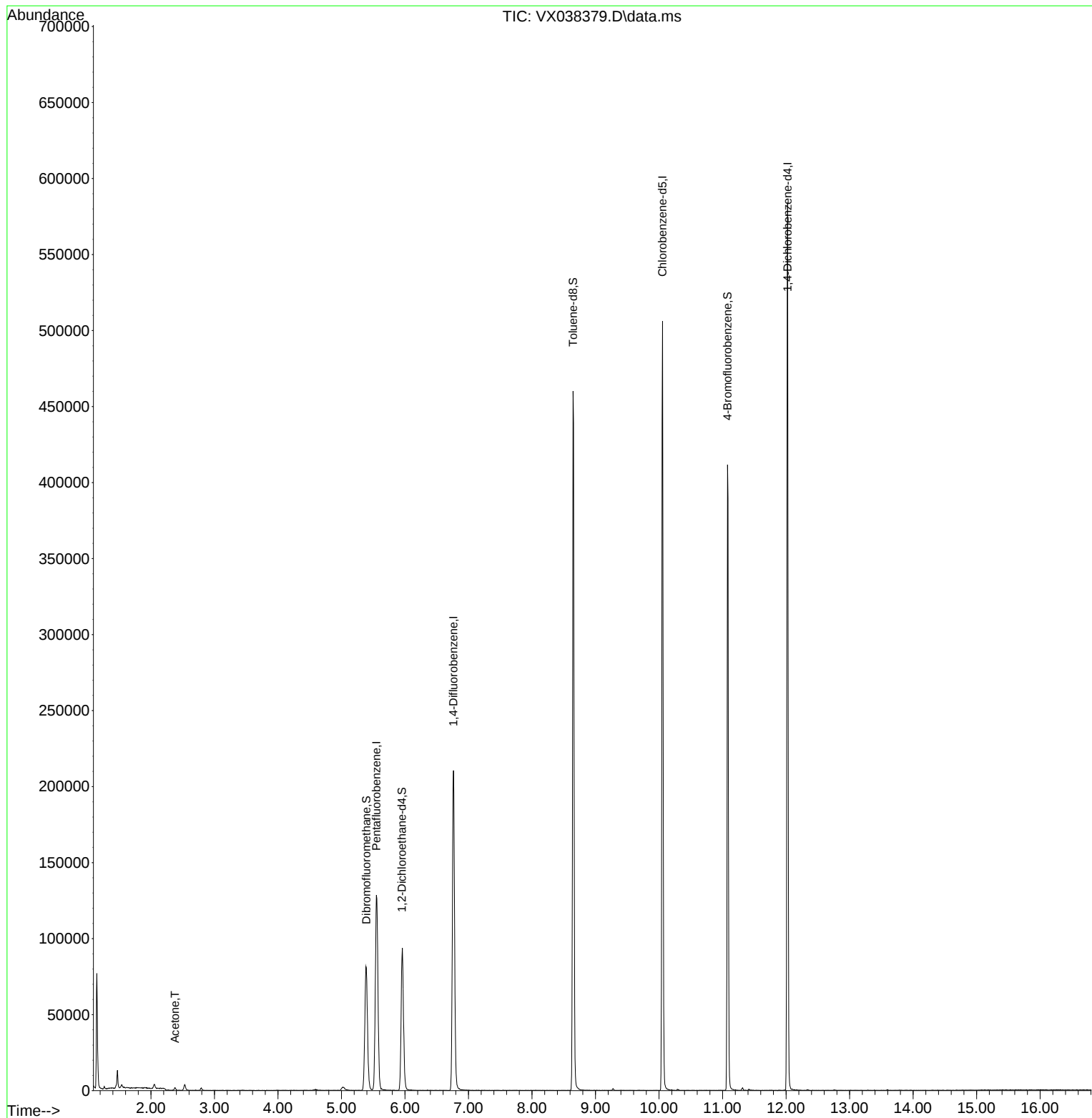
Internal Standards						
1) Pentafluorobenzene	5.549	168	121551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87203	44.603	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.200%
35) Dibromofluoromethane	5.391	113	70591	44.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.660%
50) Toluene-d8	8.646	98	275027	45.711	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.420%#
62) 4-Bromofluorobenzene	11.079	95	106094	46.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%
Target Compounds						
16) Acetone	2.379	43	1869	2.291	ug/l	# 71

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

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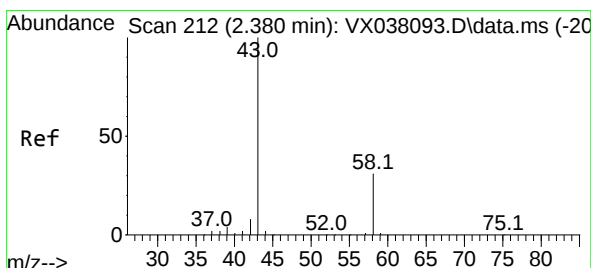
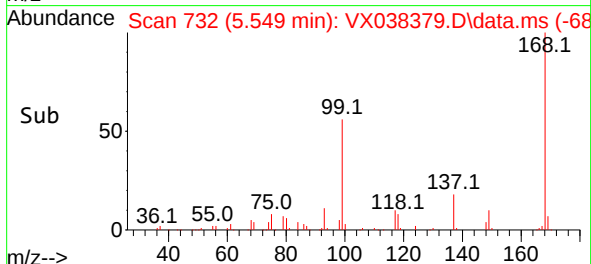
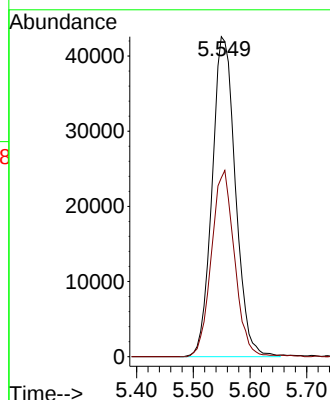
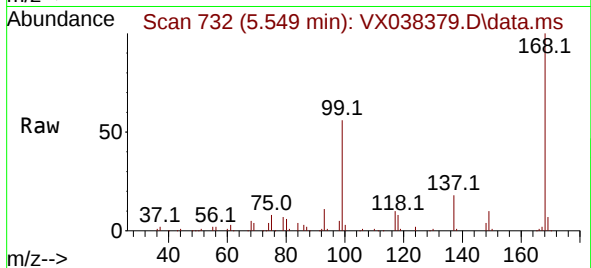




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038379.D
Acq: 19 Oct 2023 12:42

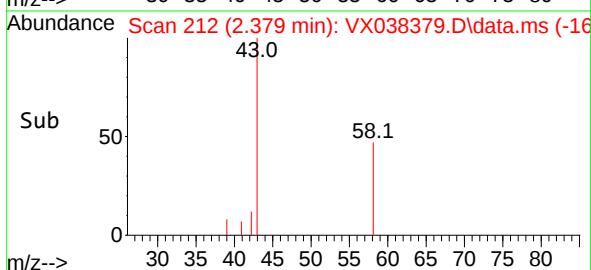
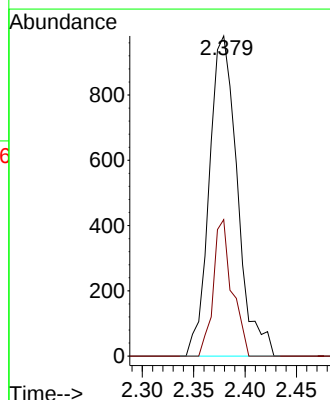
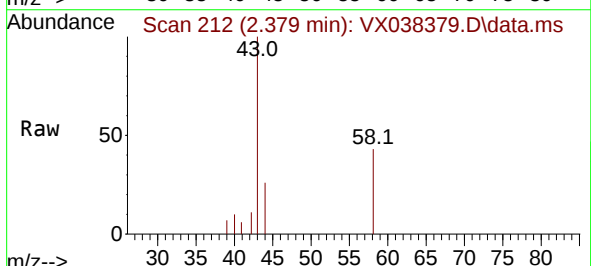
Instrument :
MSVOA_X
ClientSampleId :
MH-G

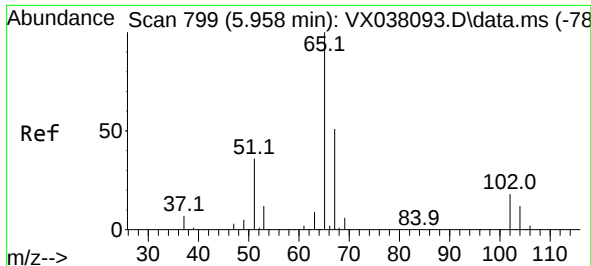
Tgt Ion:168 Resp: 121551
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#16
Acetone
Concen: 2.291 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038379.D
Acq: 19 Oct 2023 12:42

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 42.6 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 44.603 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038379.D

Acq: 19 Oct 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

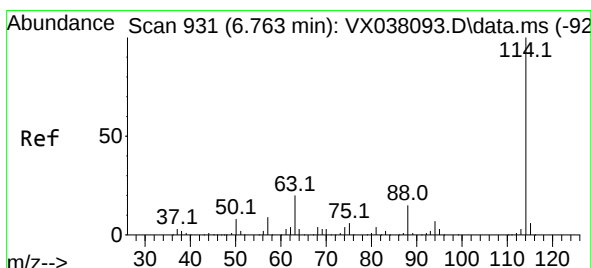
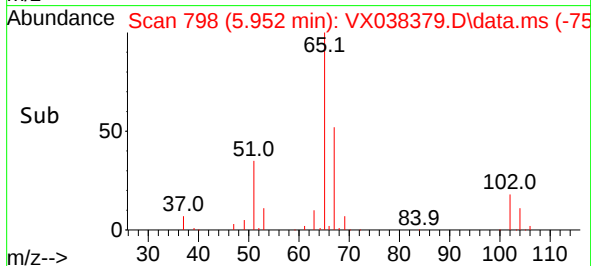
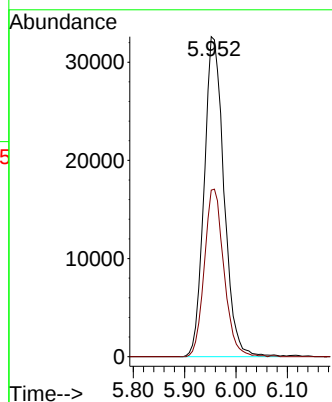
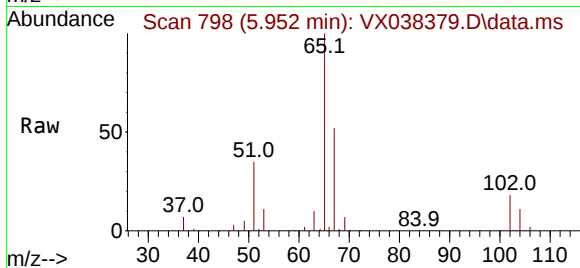
MH-G

Tgt Ion: 65 Resp: 87203

Ion Ratio Lower Upper

65 100

67 51.8 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: VX038379.D

Acq: 19 Oct 2023 12:42

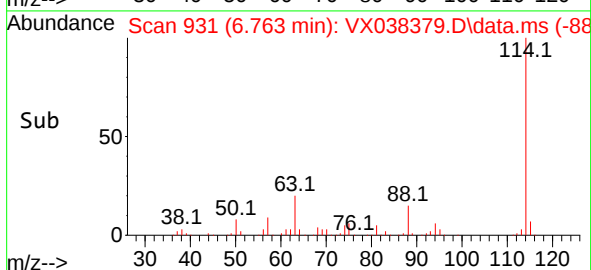
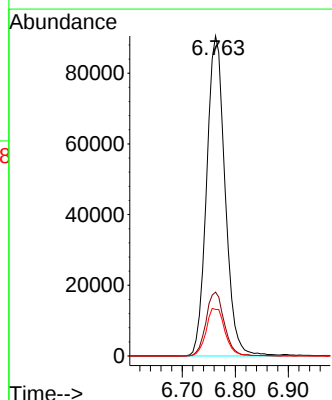
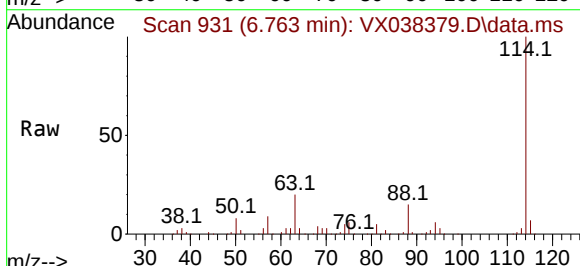
Tgt Ion:114 Resp: 218515

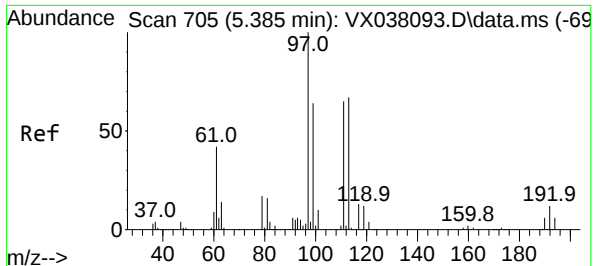
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.833 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038379.D

Acq: 19 Oct 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

MH-G

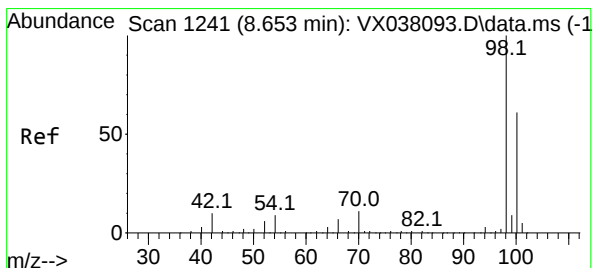
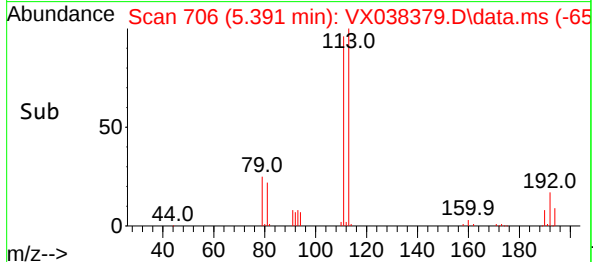
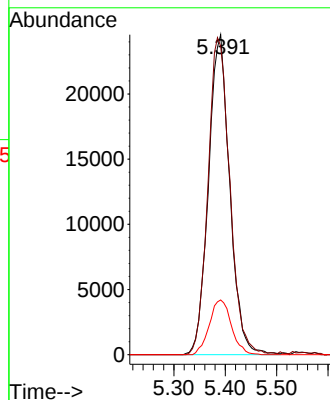
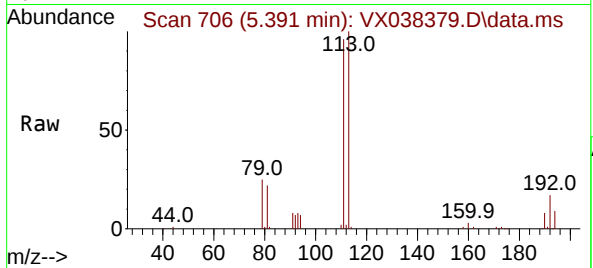
Tgt Ion:113 Resp: 70591

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 17.7 13.3 19.9



#50

Toluene-d8

Concen: 45.711 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038379.D

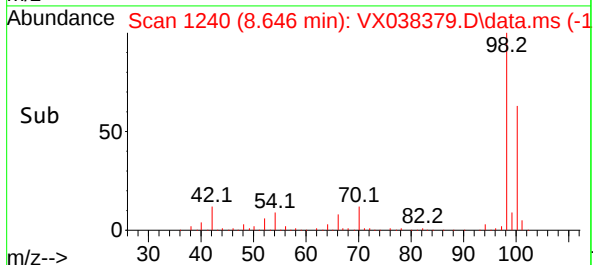
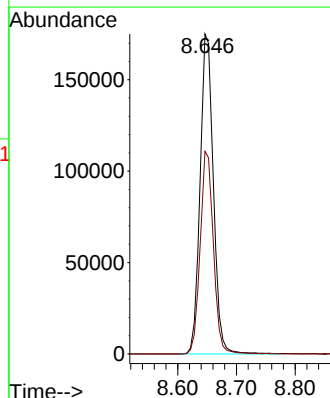
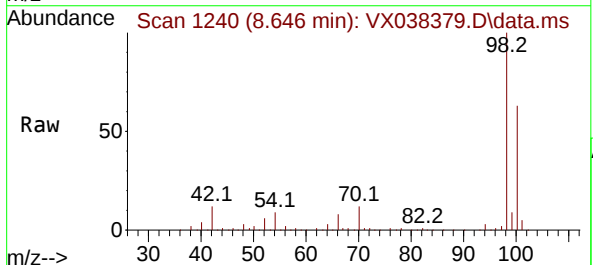
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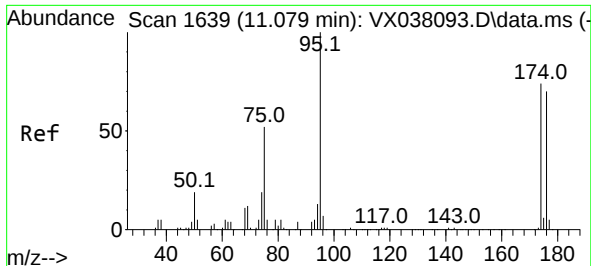
Tgt Ion: 98 Resp: 275027

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

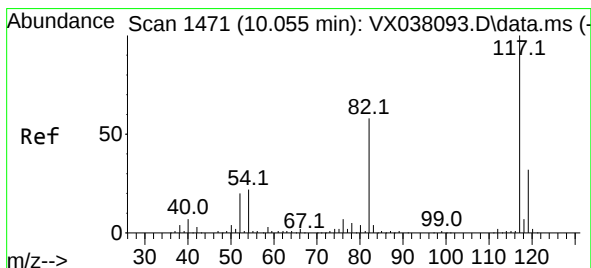
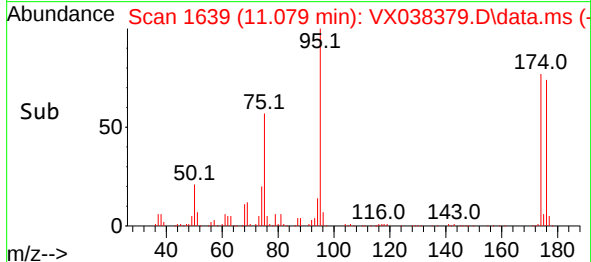
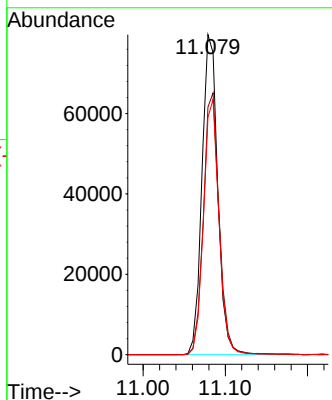
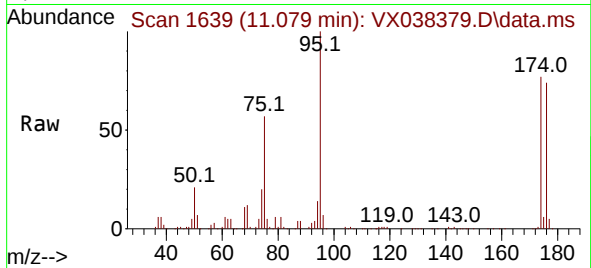




#62
4-Bromofluorobenzene
Concen: 46.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038379.D
Acq: 19 Oct 2023 12:42

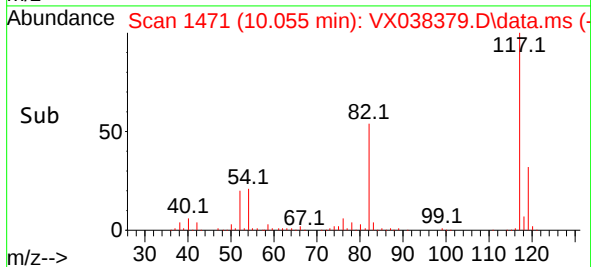
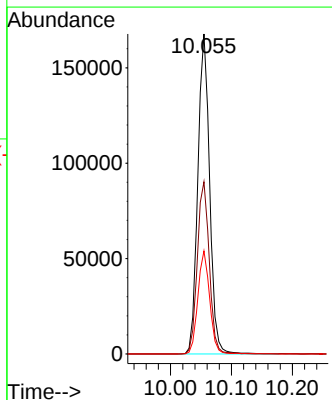
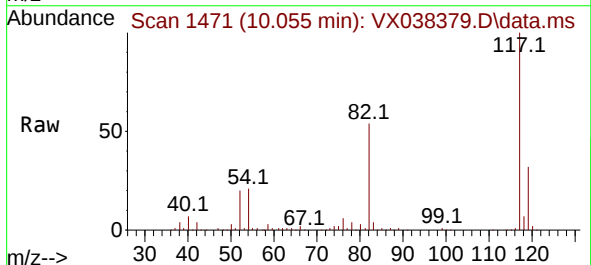
Instrument :
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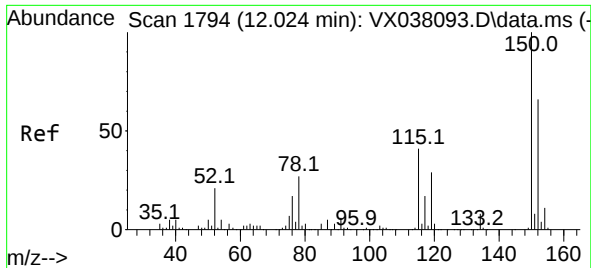
Tgt Ion: 95 Resp: 106094
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038379.D
Acq: 19 Oct 2023 12:42

Tgt Ion: 117 Resp: 226002
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.2 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: VX038379.D

Acq: 19 Oct 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

MH-G

Tgt Ion:152 Resp: 120494

Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 157.3 0.0 345.0

