

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038378.D
 Acq On : 19 Oct 2023 12:18
 Operator : JC/MD
 Sample : 04957-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Oct 20 03:38:48 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)

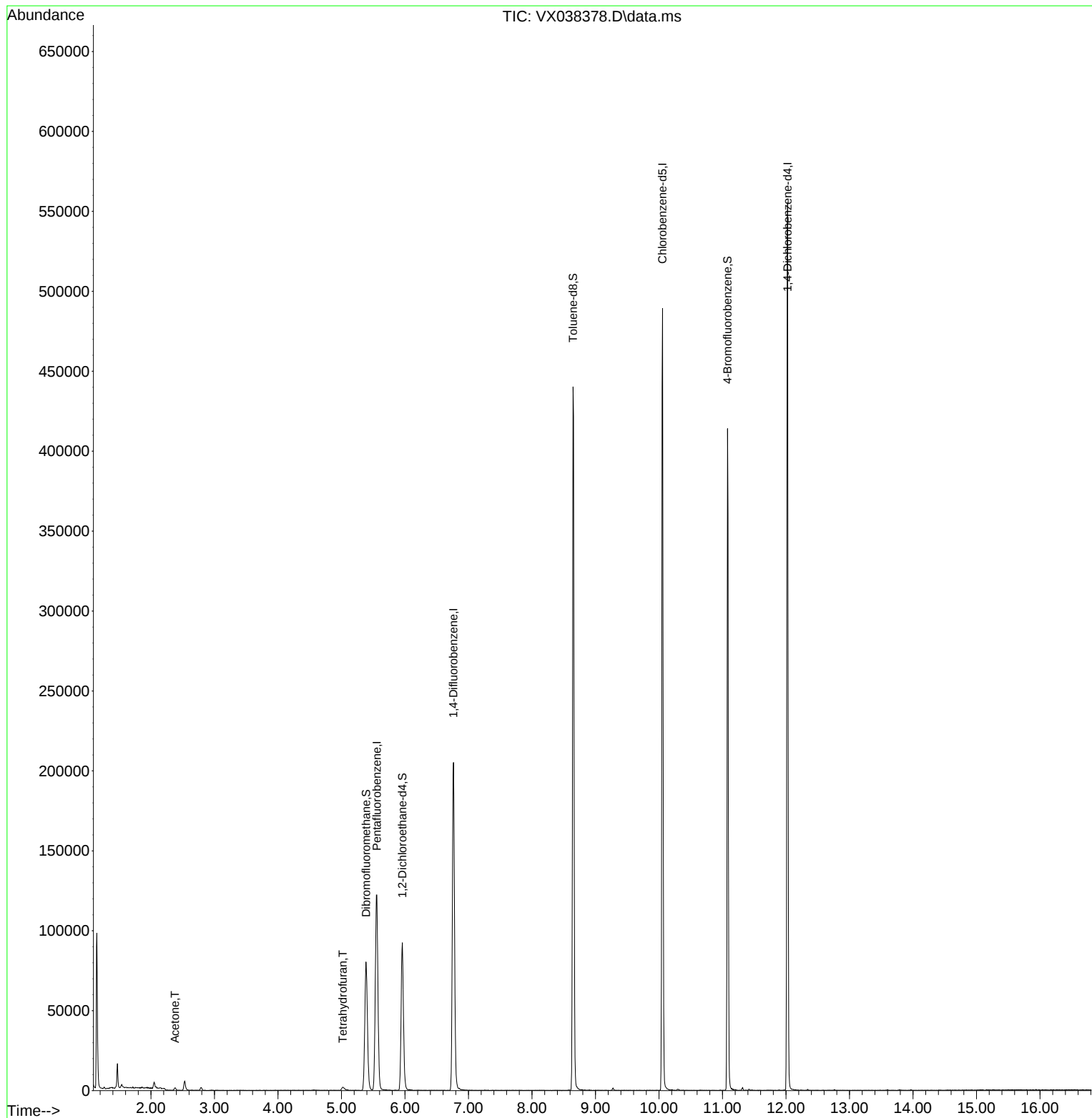
Internal Standards						
1) Pentafluorobenzene	5.556	168	115405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83976	45.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.480%
35) Dibromofluoromethane	5.385	113	68128	44.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	266935	45.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.120%#
62) 4-Bromofluorobenzene	11.079	95	103096	46.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1773	2.289	ug/l #	88
29) Tetrahydrofuran	5.019	42	1642	2.018	ug/l #	87

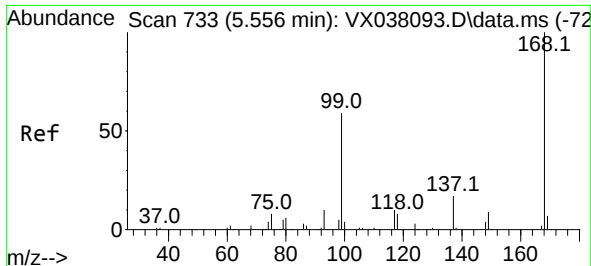
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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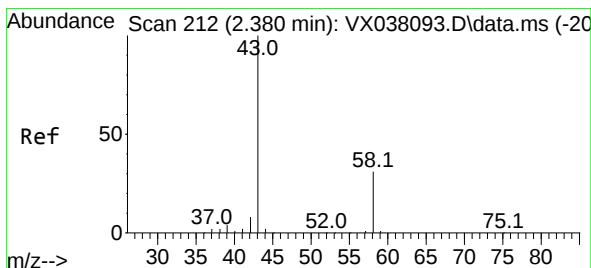
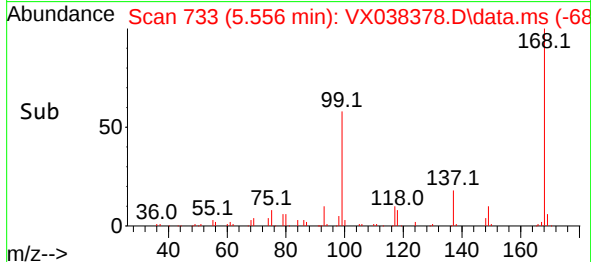
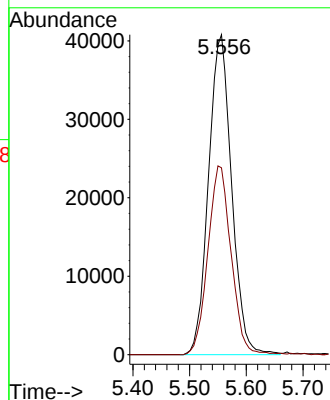
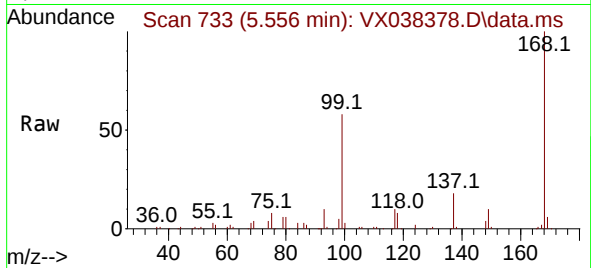




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

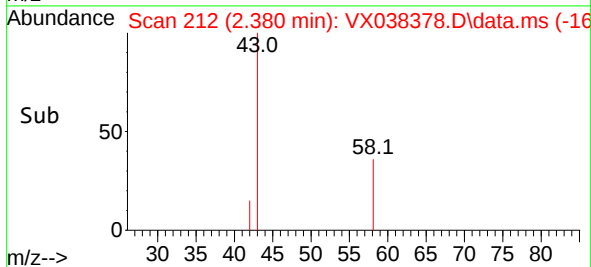
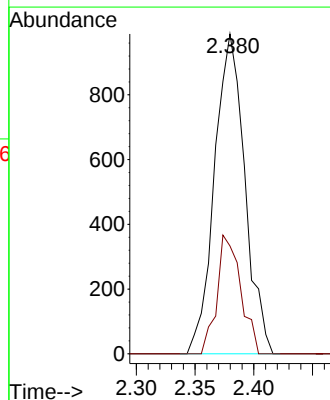
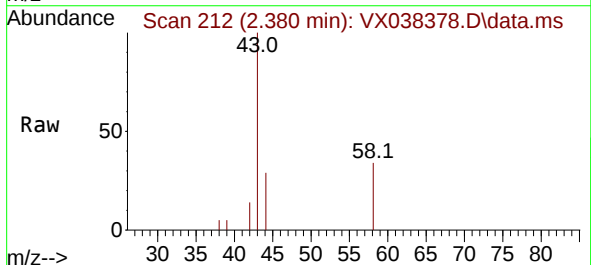
Instrument :
MSVOA_X
ClientSampleId :
MH-F

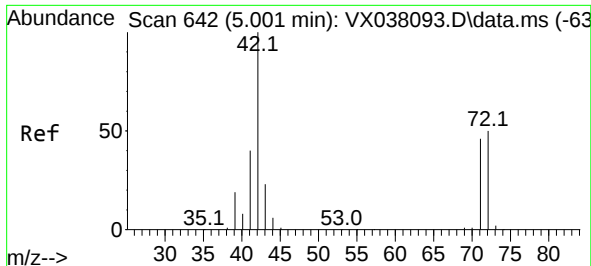
Tgt Ion:168 Resp: 115405
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 2.289 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





#29

Tetrahydrofuran

Concen: 2.018 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX038378.D

Acq: 19 Oct 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

MH-F

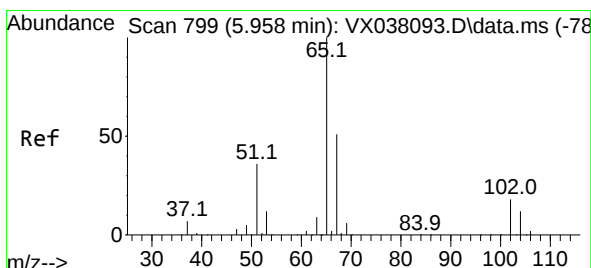
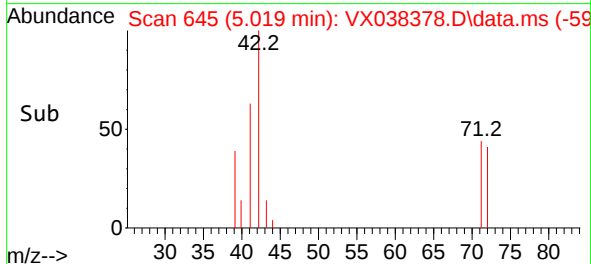
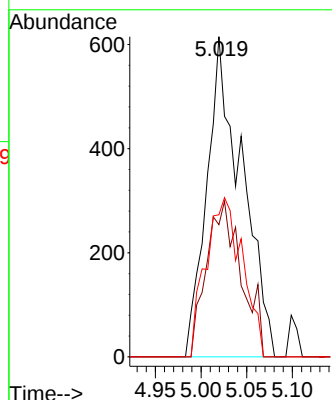
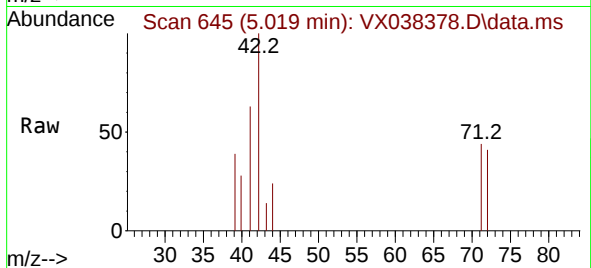
Tgt Ion: 42 Resp: 1642

Ion Ratio Lower Upper

42 100

72 48.3 34.2 51.4

71 51.8 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 45.240 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038378.D

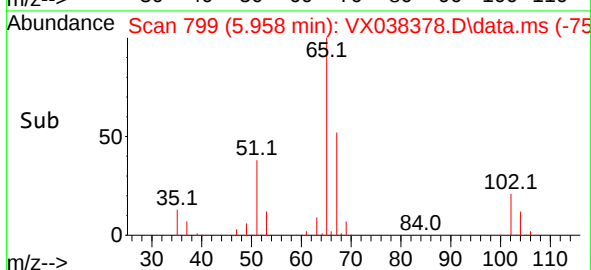
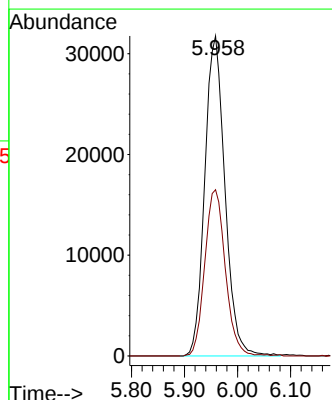
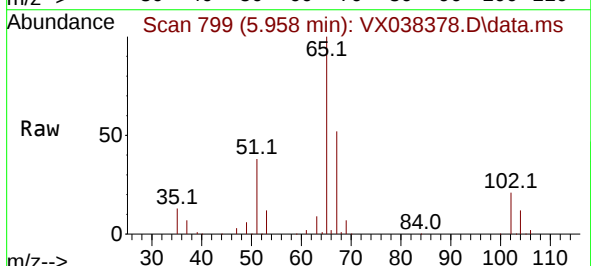
Acq: 19 Oct 2023 12:18

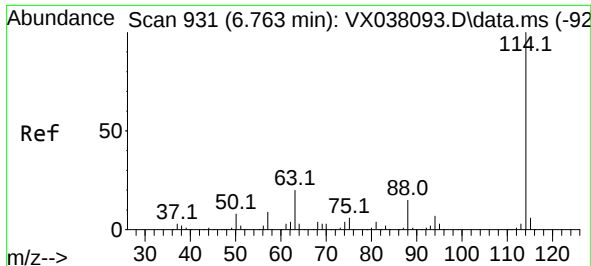
Tgt Ion: 65 Resp: 83976

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2

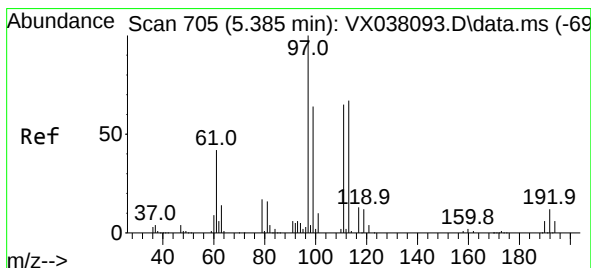
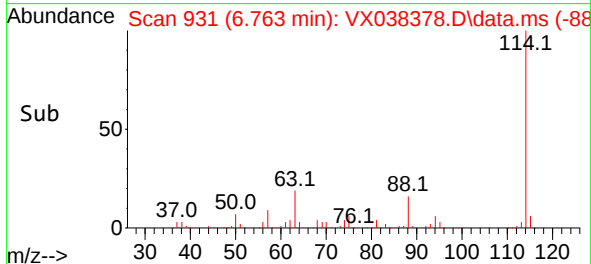
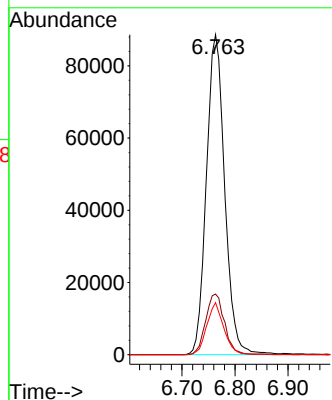
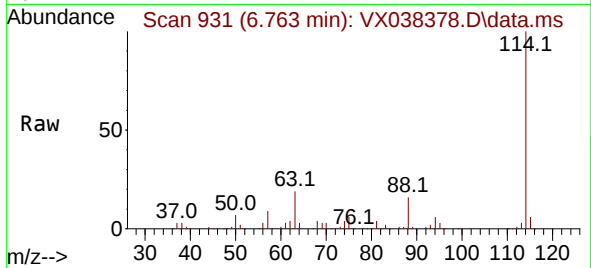




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

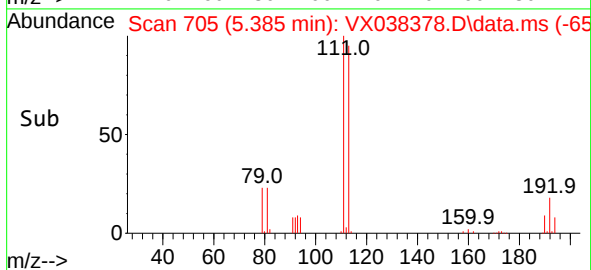
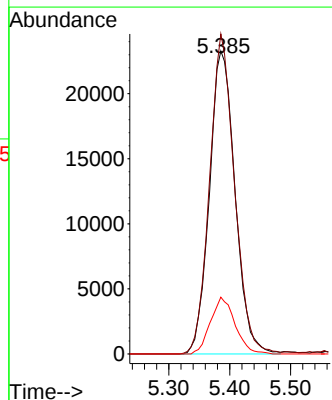
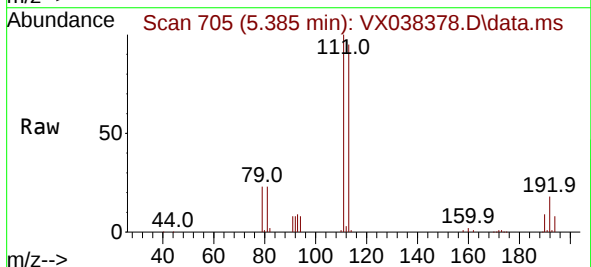
Instrument :
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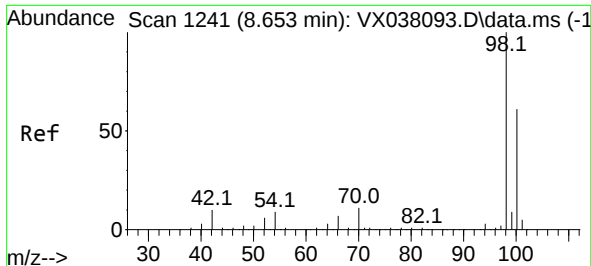
Tgt Ion:114 Resp: 212777
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

Tgt Ion:113 Resp: 68128
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.0 13.3 19.9

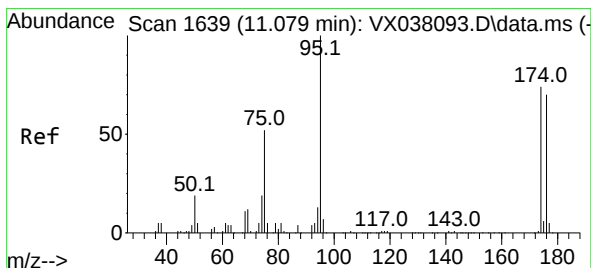
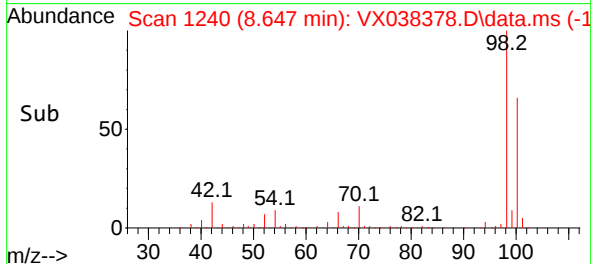
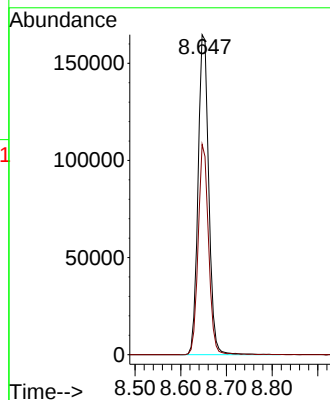
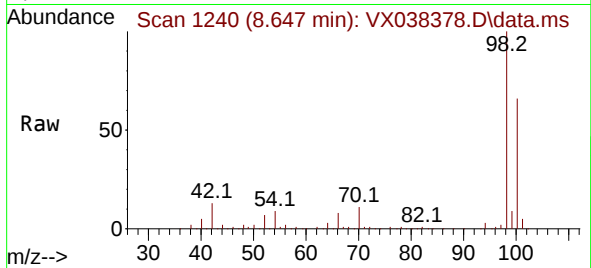




#50
Toluene-d8
Concen: 45.562 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

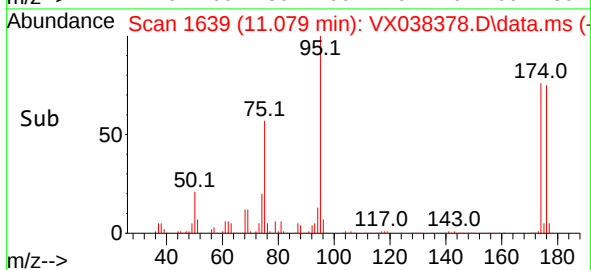
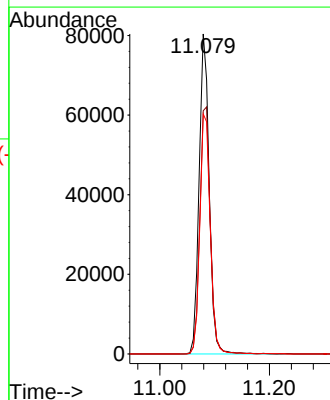
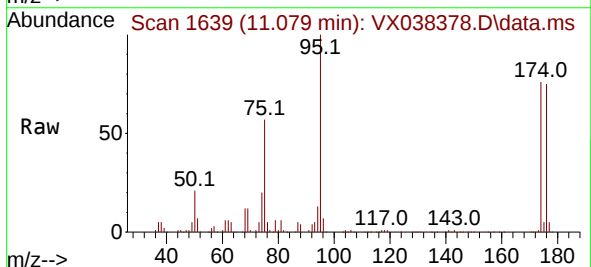
Instrument :
MSVOA_X
ClientSampleId :
MH-F

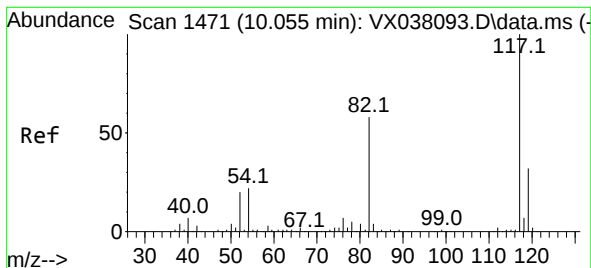
Tgt Ion: 98 Resp: 266935
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038378.D
Acq: 19 Oct 2023 12:18

Tgt Ion: 95 Resp: 103096
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.5 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: VX038378.D

Acq: 19 Oct 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

MH-F

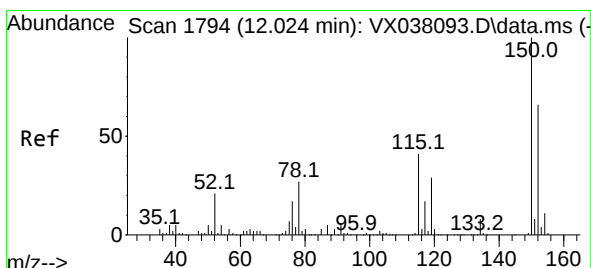
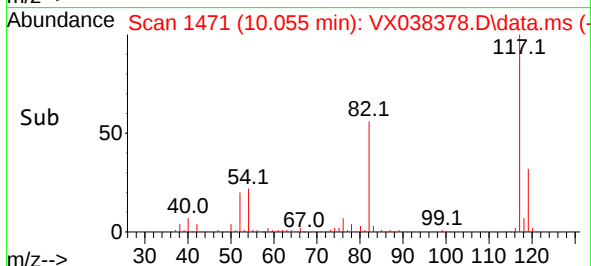
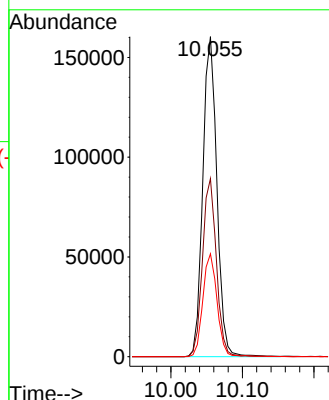
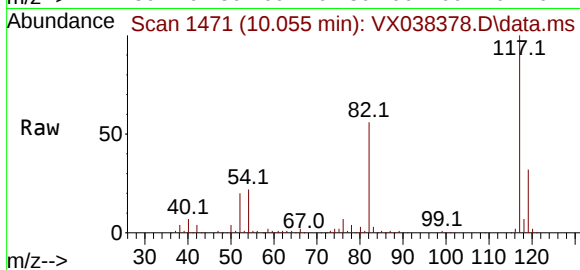
Tgt Ion:117 Resp: 219329

Ion Ratio Lower Upper

117 100

82 55.7 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# 1794

Delta R.T. 0.000 min

Lab File: VX038378.D

Acq: 19 Oct 2023 12:18

Tgt Ion:152 Resp: 115728

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 157.5 0.0 345.0

