

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042979.D
 Acq On : 09 Aug 2024 07:59
 Operator : JC/MD
 Sample : P3469-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-513-528

Quant Time: Aug 09 08:56:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

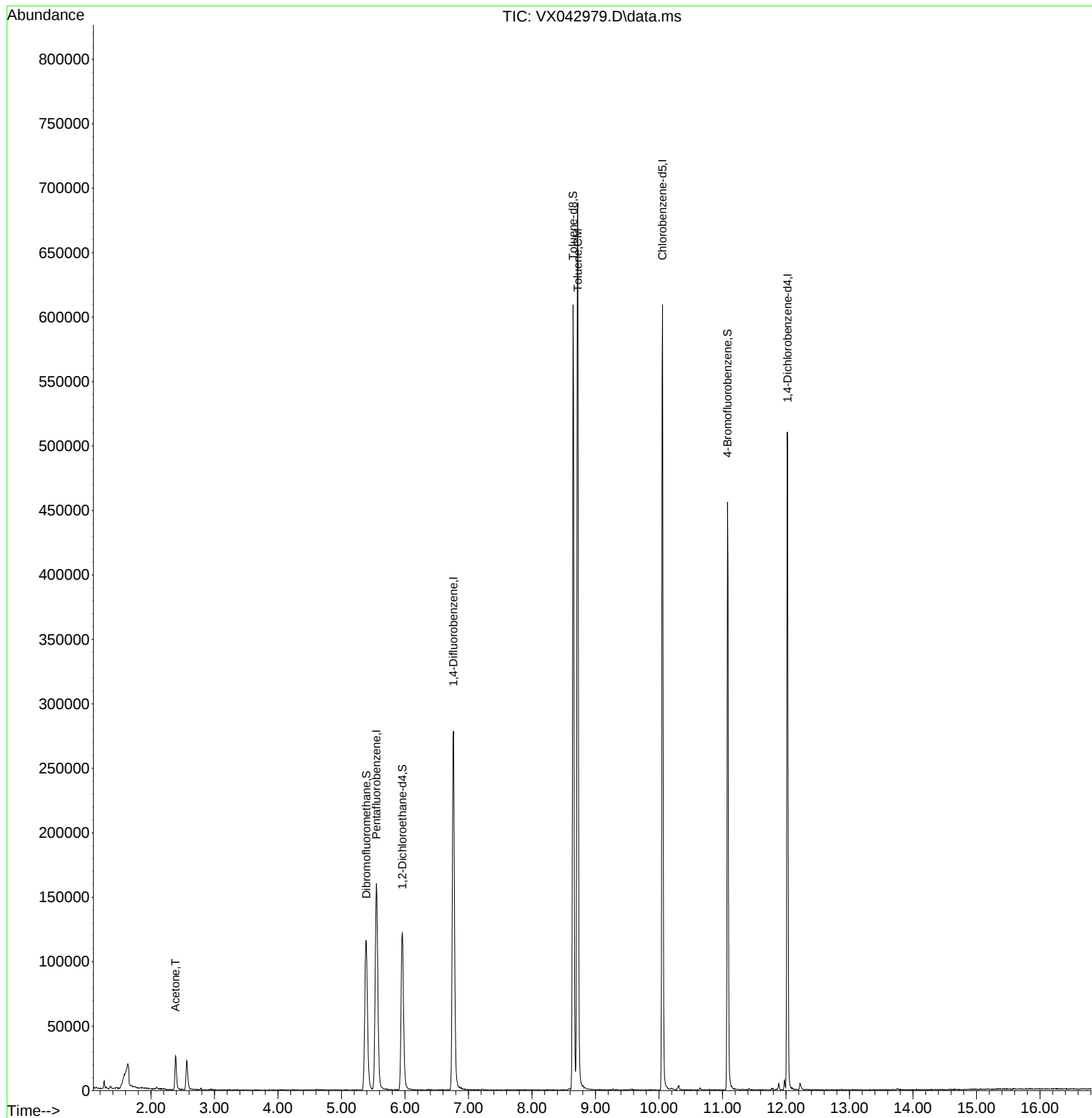
Internal Standards						
1) Pentafluorobenzene	5.550	168	152850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	288119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125352	59.739	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.480%#		
35) Dibromofluoromethane	5.391	113	104077	55.247	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.500%		
50) Toluene-d8	8.647	98	358600	53.620	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 107.240%		
62) 4-Bromofluorobenzene	11.079	95	121492	50.554	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.100%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	30276	33.266	ug/l	# 80
52) Toluene	8.720	92	268710	55.884	ug/l	97

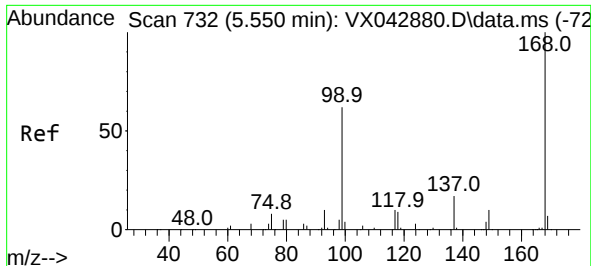
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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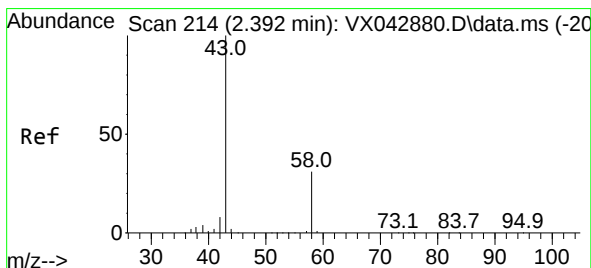
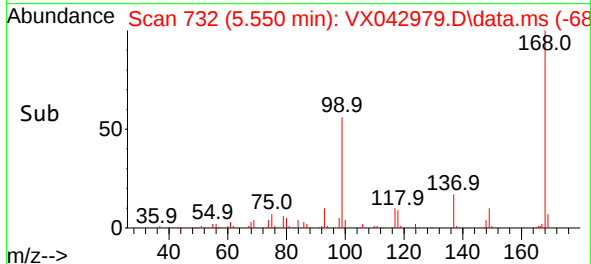
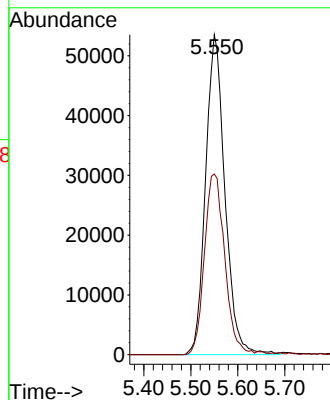
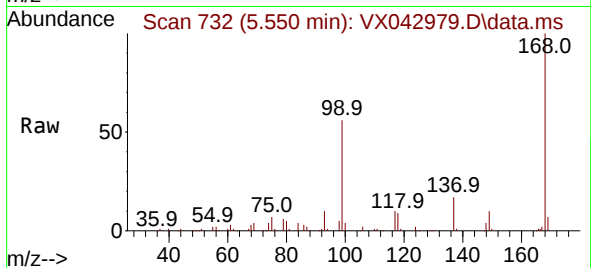




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

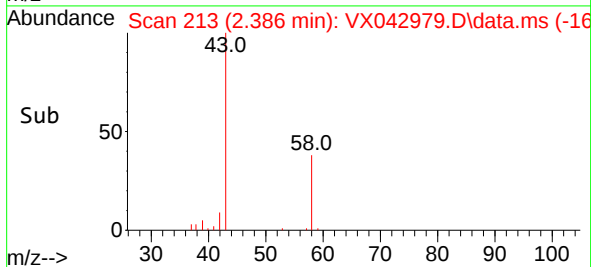
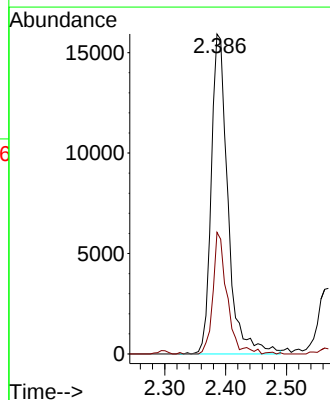
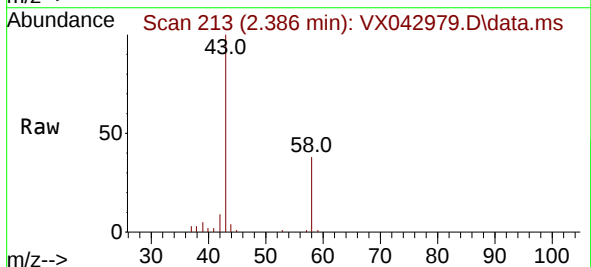
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-513-528

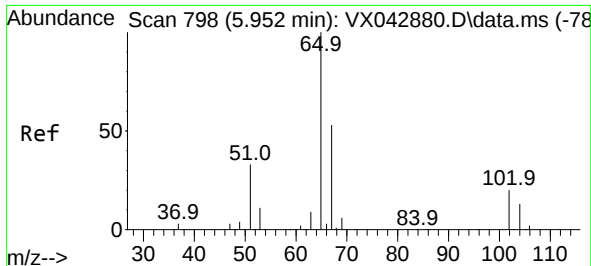
Tgt Ion:168 Resp: 152850
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#16
Acetone
Concen: 33.266 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 43 Resp: 30276
Ion Ratio Lower Upper
43 100
58 37.6 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 59.739 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

Instrument :

MSVOA_X

ClientSampleId :

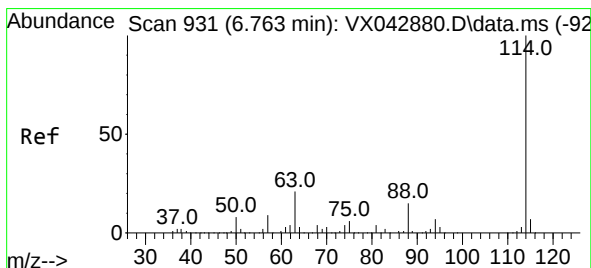
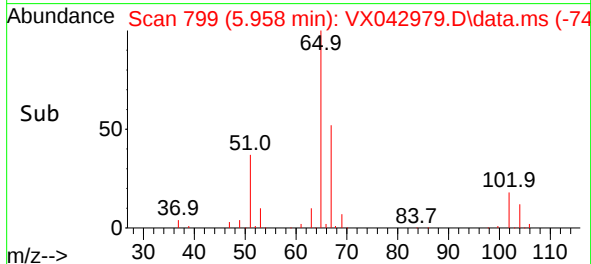
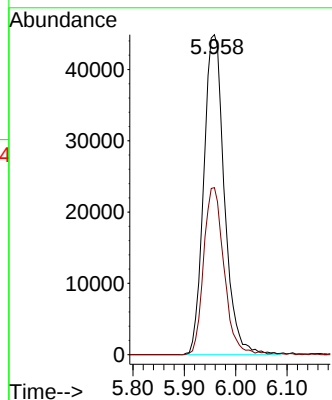
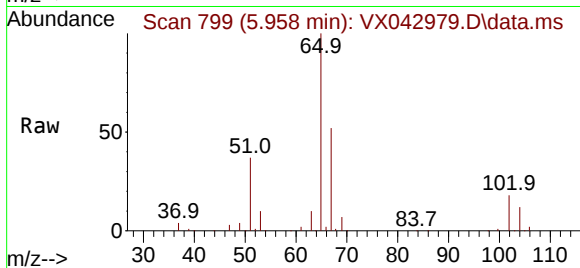
MLS-15-513-528

Tgt Ion: 65 Resp: 125352

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# 931

Delta R.T. 0.000 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

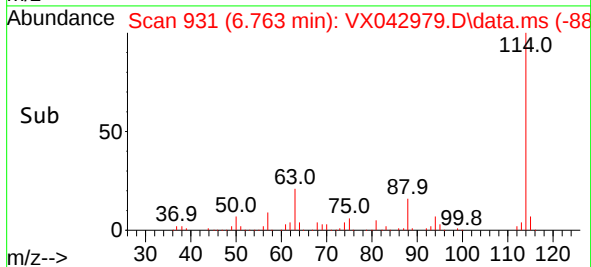
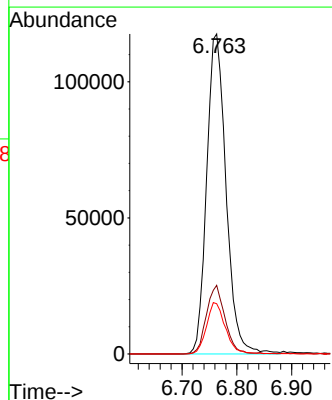
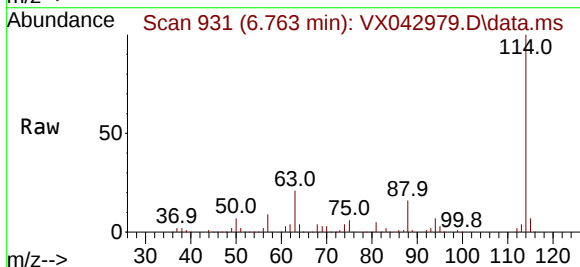
Tgt Ion: 114 Resp: 288119

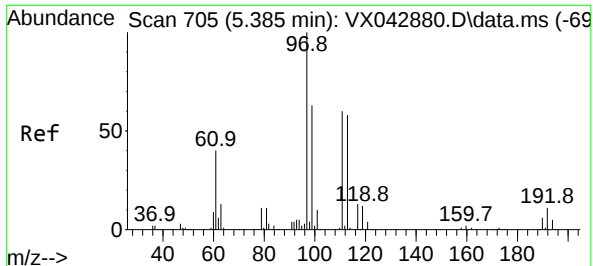
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 55.247 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

Instrument :

MSVOA_X

ClientSampleId :

MLS-15-513-528

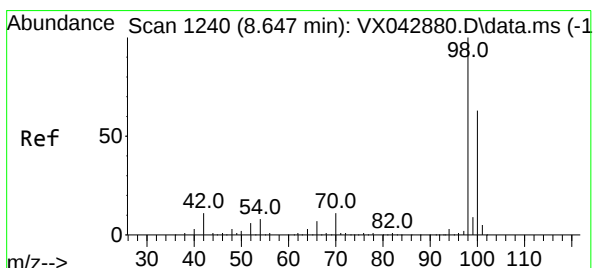
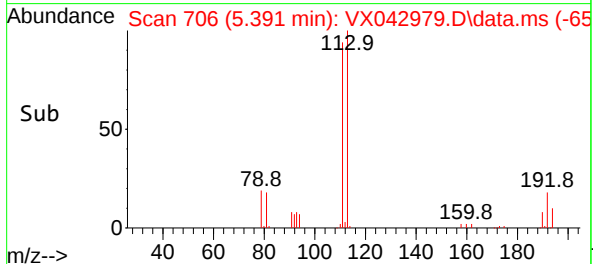
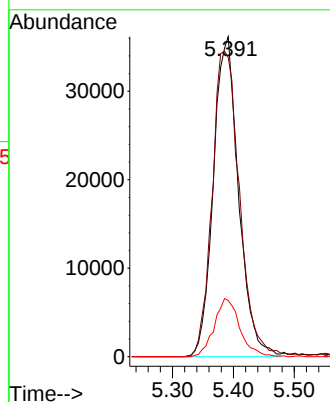
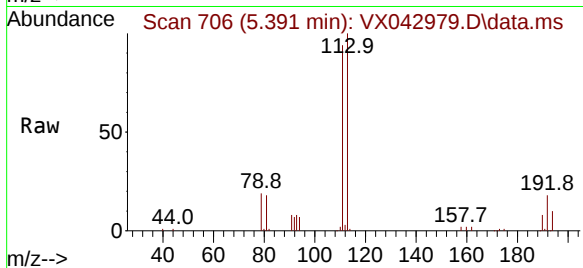
Tgt Ion:113 Resp: 104077

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.4 13.3 19.9



#50

Toluene-d8

Concen: 53.620 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042979.D

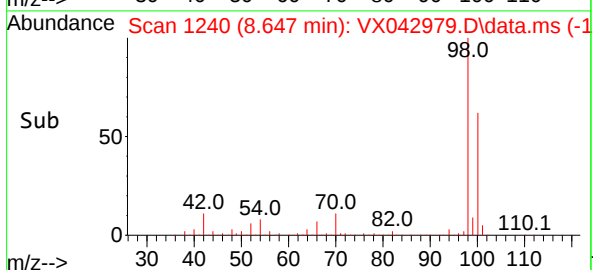
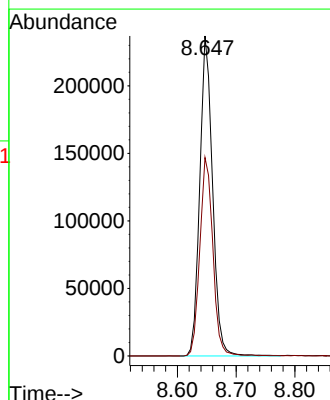
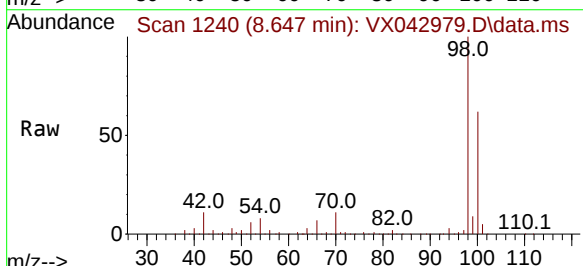
Acq: 09 Aug 2024 07:59

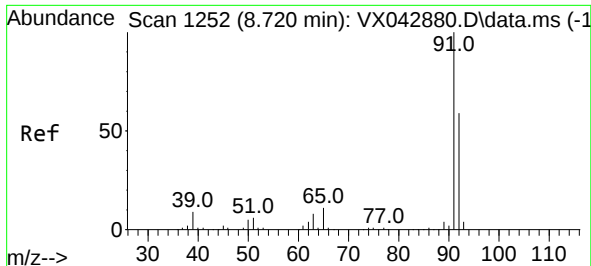
Tgt Ion: 98 Resp: 358600

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7

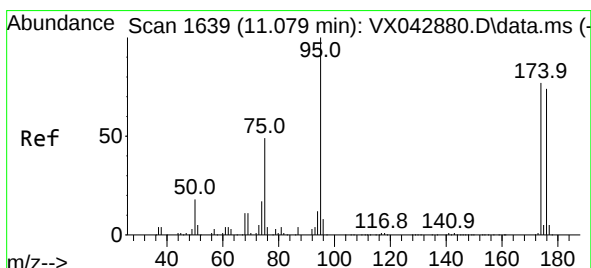
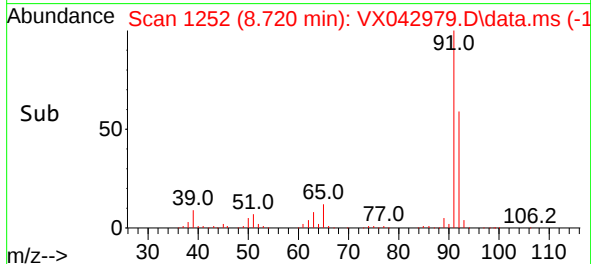
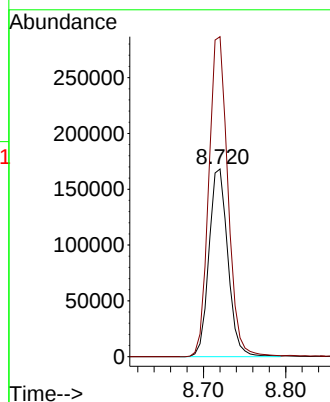
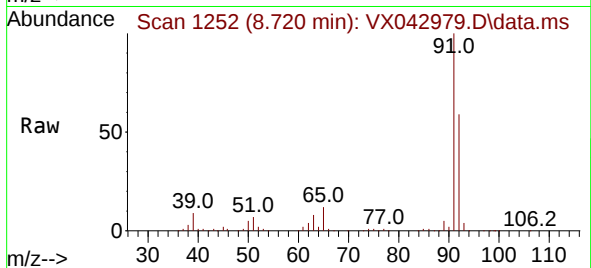




#52
Toluene
Concen: 55.884 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

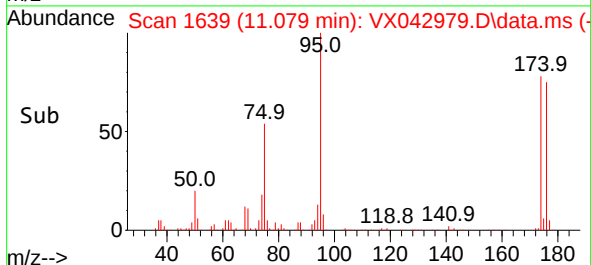
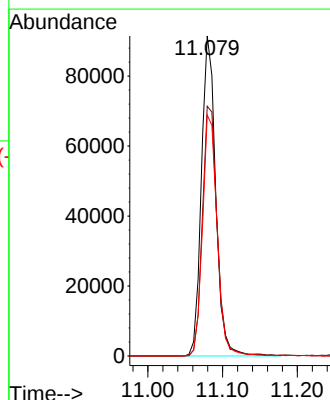
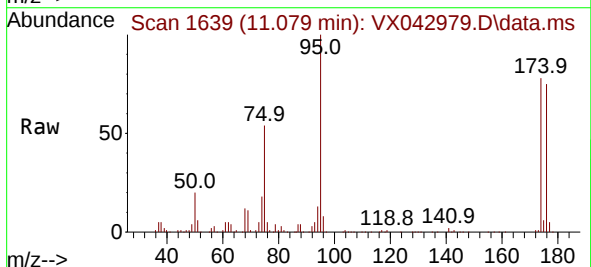
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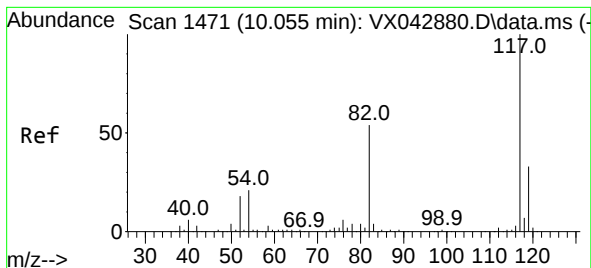
Tgt Ion: 92 Resp: 268710
Ion Ratio Lower Upper
92 100
91 172.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042979.D
Acq: 09 Aug 2024 07:59

Tgt Ion: 95 Resp: 121492
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 77.0 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: VX042979.D

Acq: 09 Aug 2024 07:59

Instrument :

MSVOA_X

ClientSampleId :

MLS-15-513-528

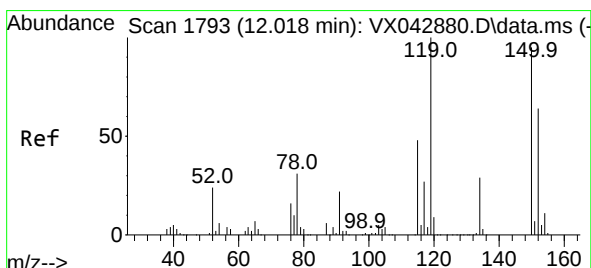
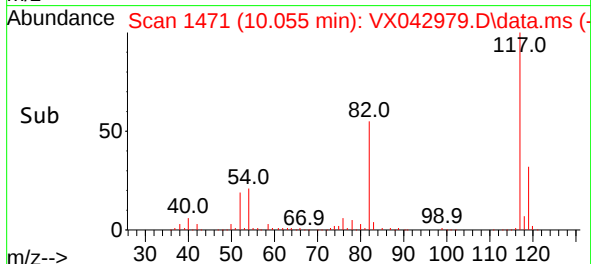
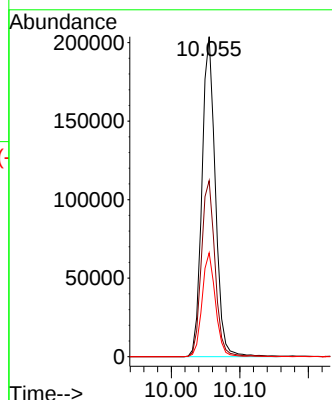
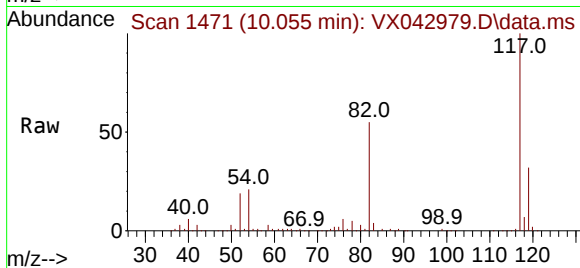
Tgt Ion:117 Resp: 278058

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX042979.D

Acq: 09 Aug 2024 07:59

Tgt Ion:152 Resp: 109137

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 157.7 0.0 345.0

