

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037051.D
 Acq On : 17 Aug 2023 09:59
 Operator : JC/MD
 Sample : 03958-06
 Misc : 7.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z21-23

Quant Time: Aug 17 10:35:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

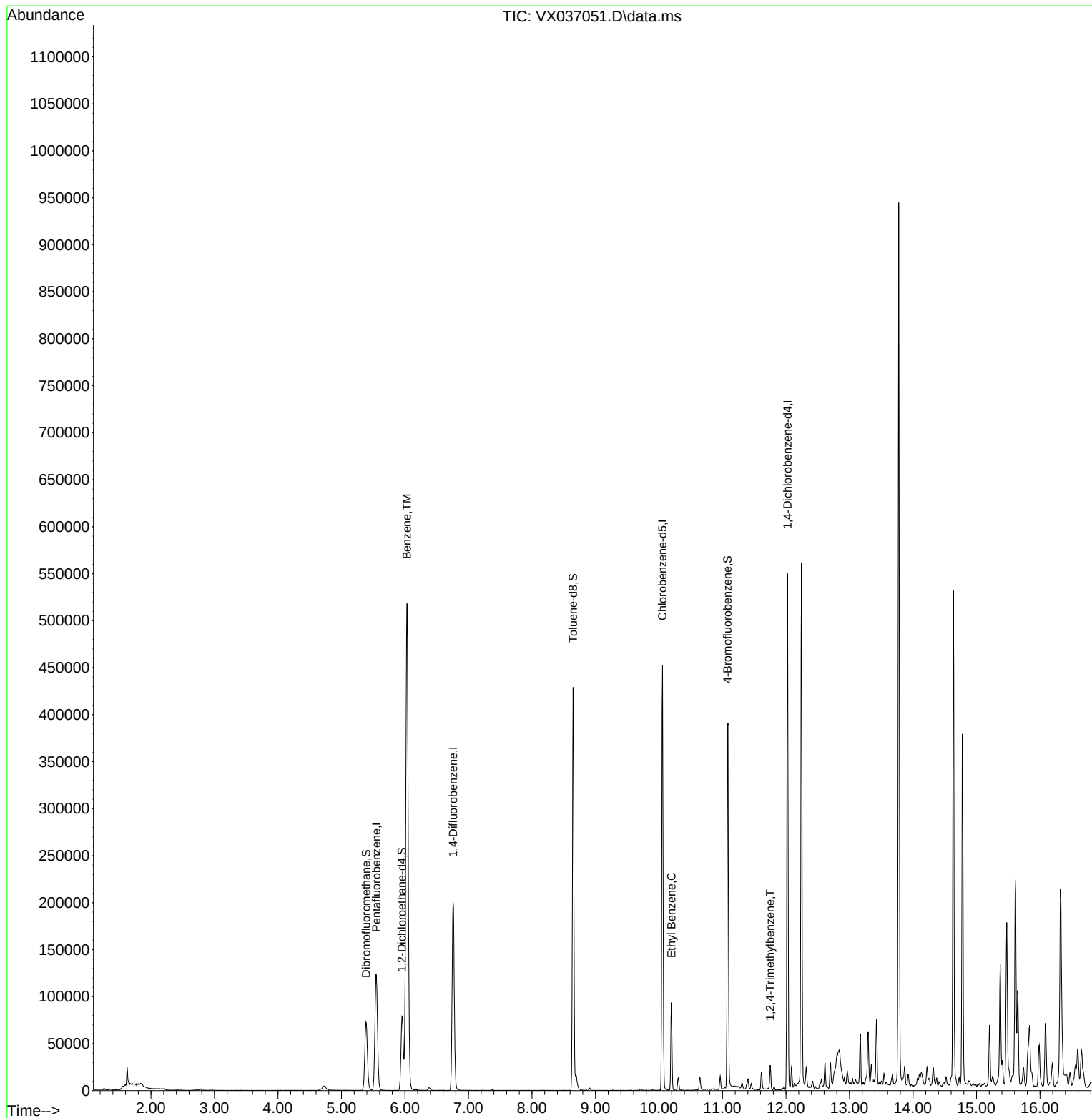
Internal Standards						
1) Pentafluorobenzene	5.550	168	117042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77752	44.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.800%
35) Dibromofluoromethane	5.385	113	64701	44.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.647	98	256731	49.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	114362	58.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.560%
Target Compounds						
					Qvalue	
40) Benzene	6.032	78	645957	101.568	ug/l	100
67) Ethyl Benzene	10.195	91	54778	6.396	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	11364	1.418	ug/l	96

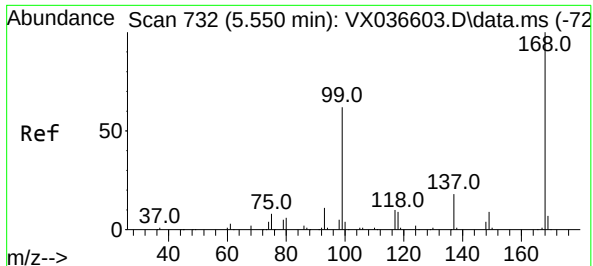
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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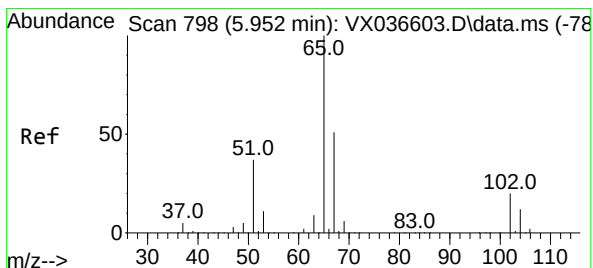
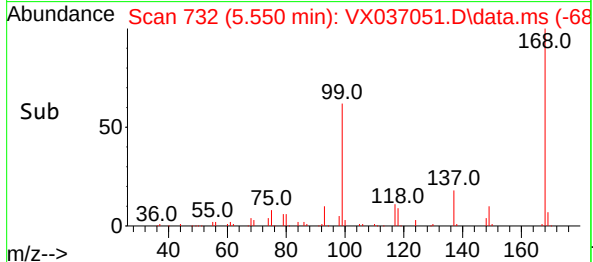
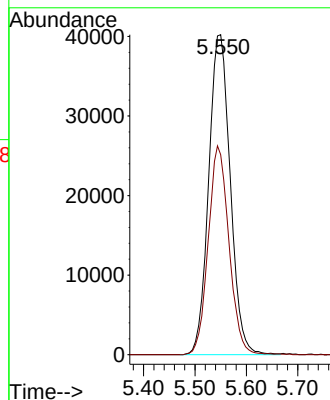
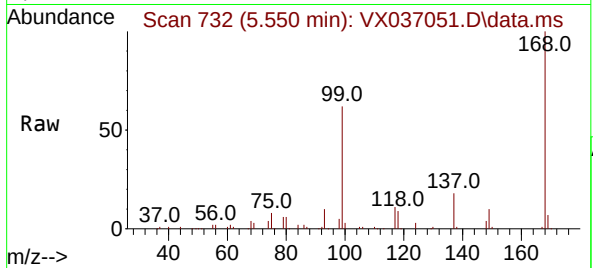




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

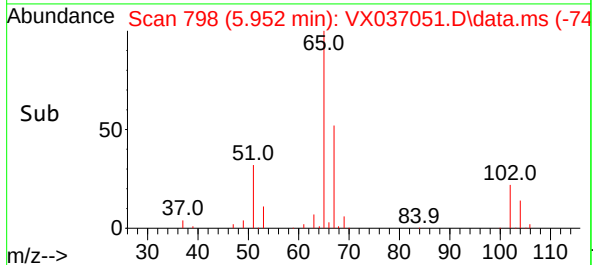
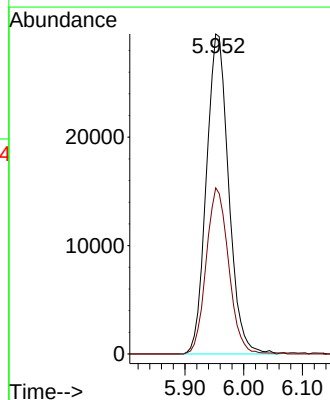
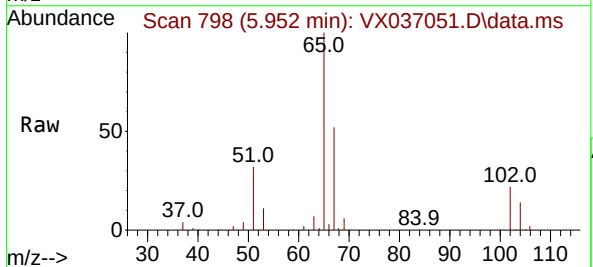
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

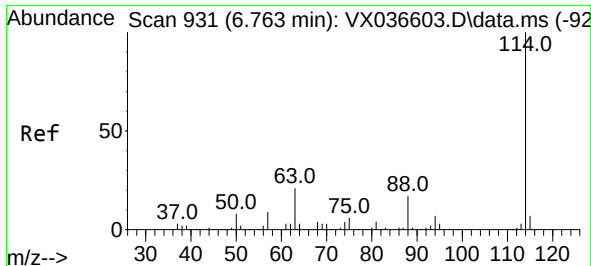
Tgt Ion:168 Resp: 117042
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.896 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

Tgt Ion: 65 Resp: 77752
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

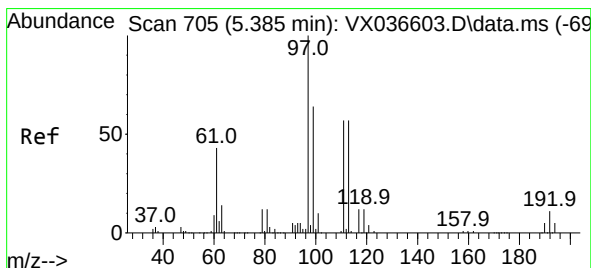
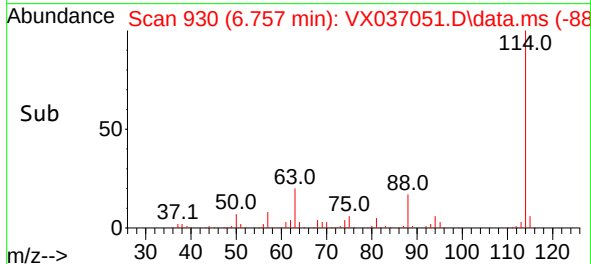
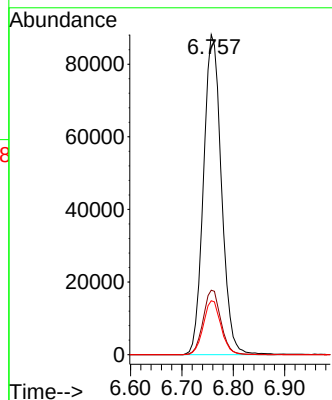
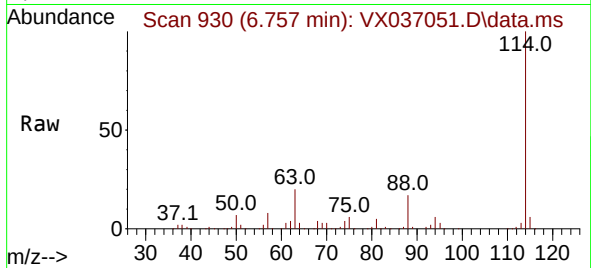




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

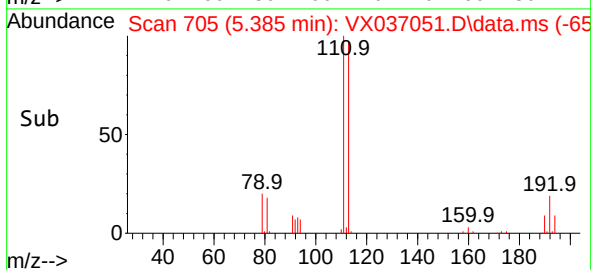
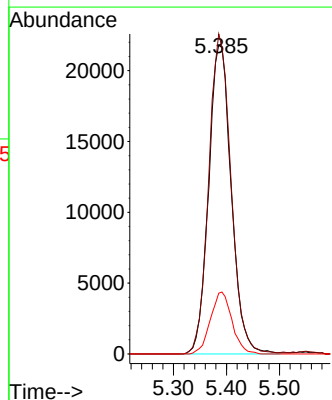
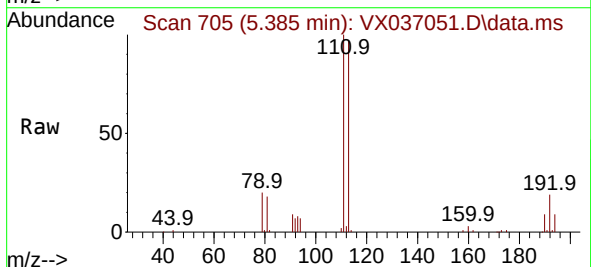
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

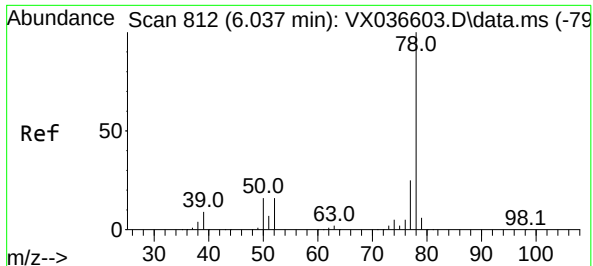
Tgt Ion:114 Resp: 213369
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

Tgt Ion:113 Resp: 64701
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.1 13.3 19.9

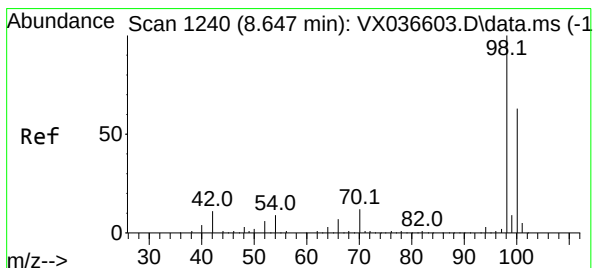
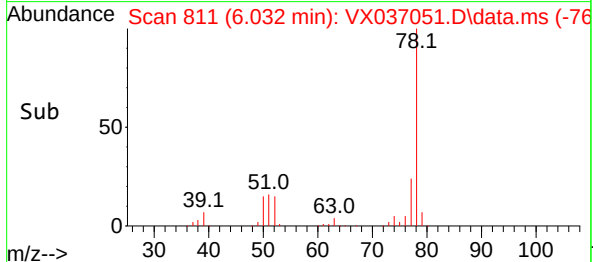
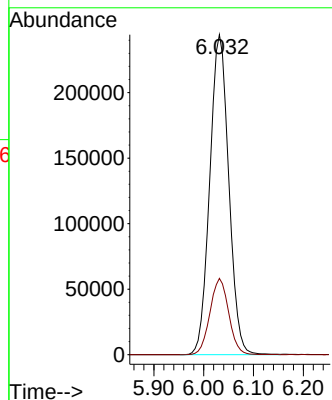
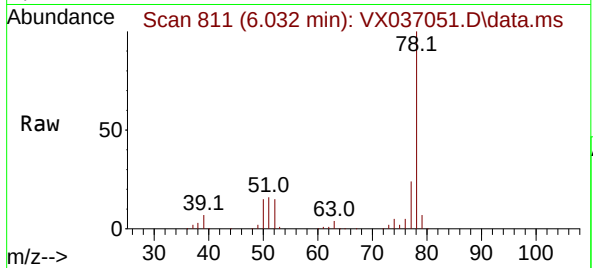




#40
Benzene
Concen: 101.568 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

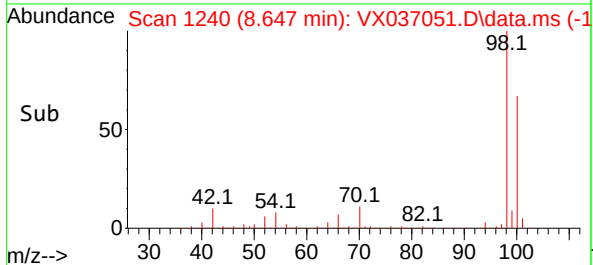
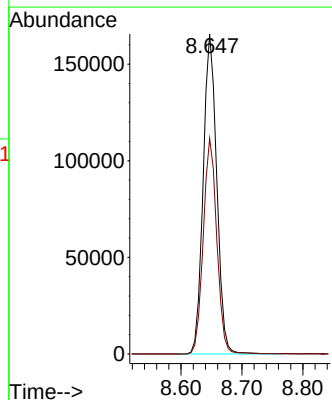
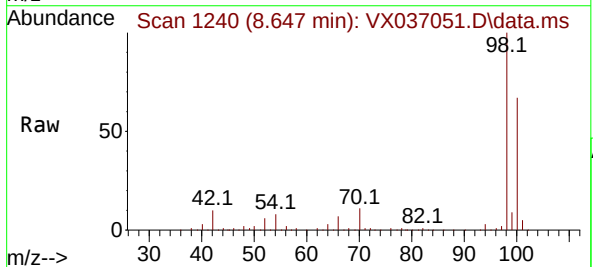
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

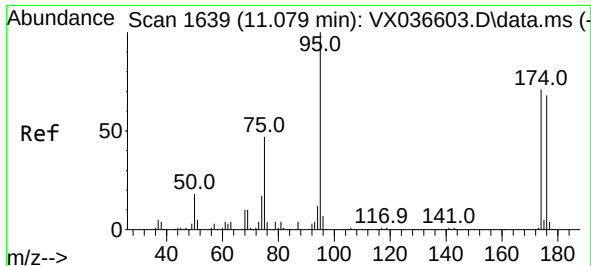
Tgt Ion: 78 Resp: 645957
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037051.D
Acq: 17 Aug 2023 09:59

Tgt Ion: 98 Resp: 256731
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 58.283 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037051.D

Acq: 17 Aug 2023 09:59

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z21-23

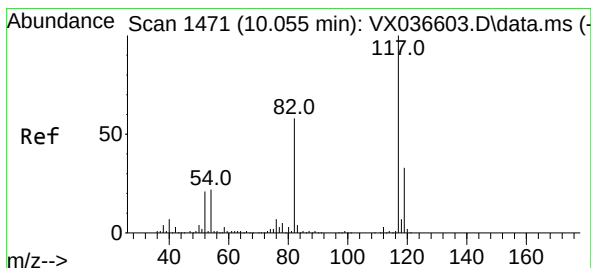
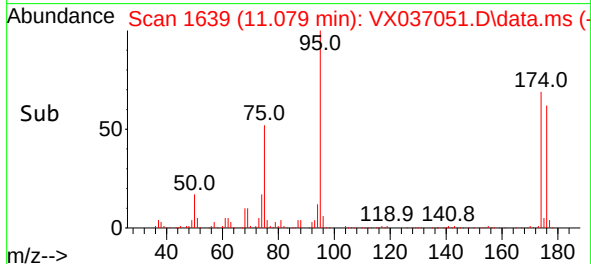
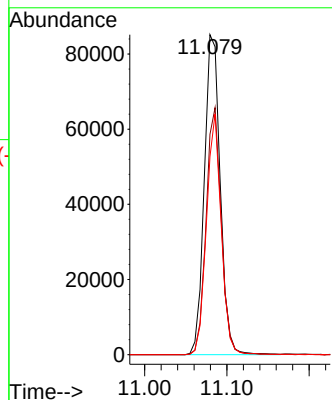
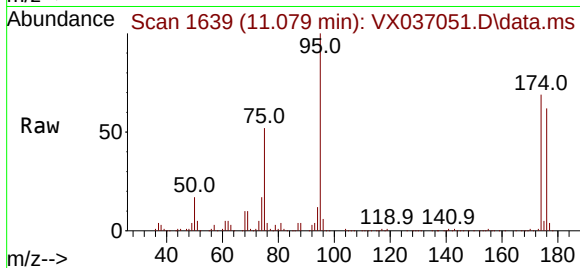
Tgt Ion: 95 Resp: 114362

Ion Ratio Lower Upper

95 100

174 74.2 0.0 135.6

176 69.9 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: VX037051.D

Acq: 17 Aug 2023 09:59

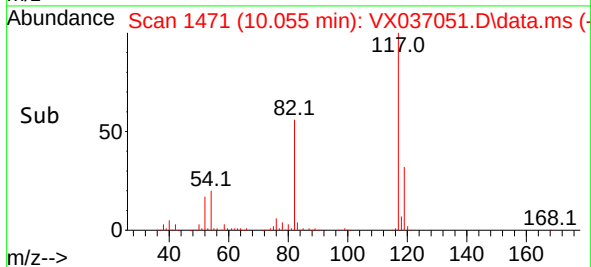
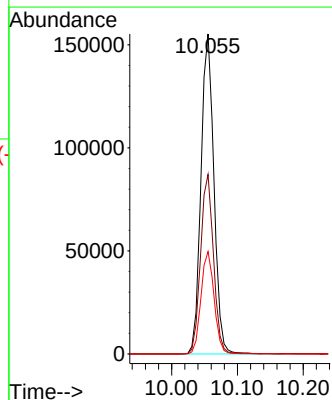
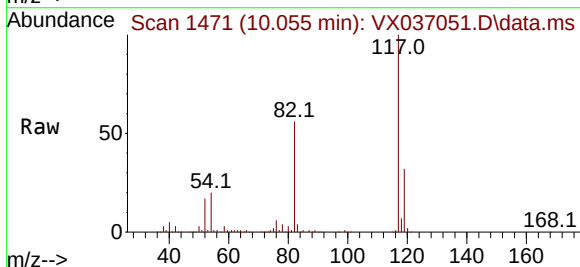
Tgt Ion: 117 Resp: 212674

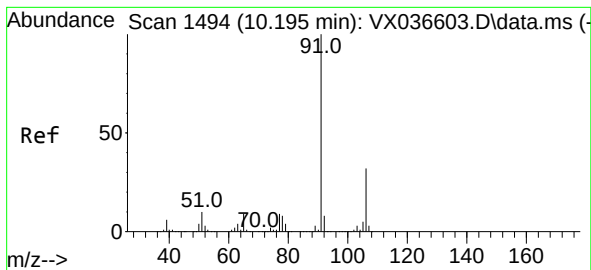
Ion Ratio Lower Upper

117 100

82 56.1 46.2 69.4

119 32.0 25.5 38.3





#67

Ethyl Benzene

Concen: 6.396 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037051.D

Acq: 17 Aug 2023 09:59

Instrument :

MSVOA_X

ClientSampleId :

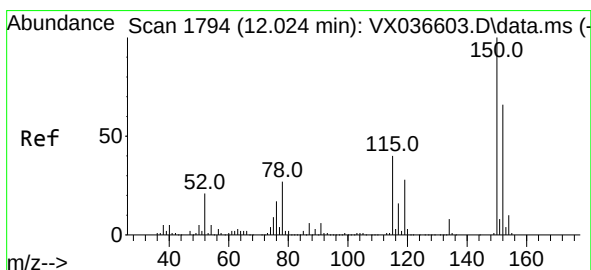
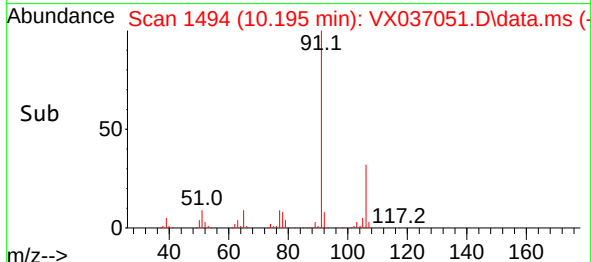
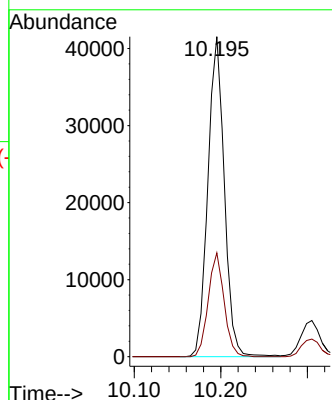
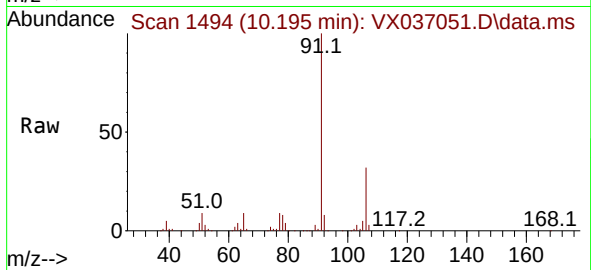
NEVINS-SB02-Z21-23

Tgt Ion: 91 Resp: 54778

Ion Ratio Lower Upper

91 100

106 32.4 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037051.D

Acq: 17 Aug 2023 09:59

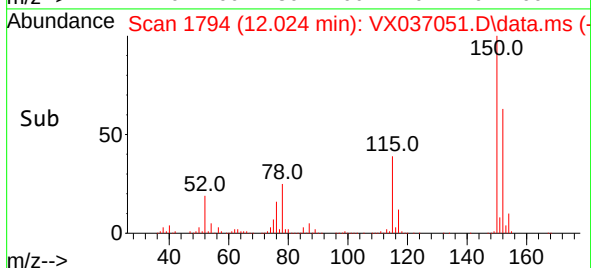
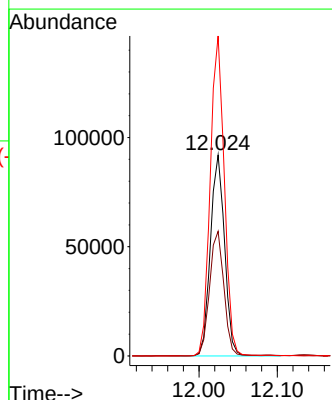
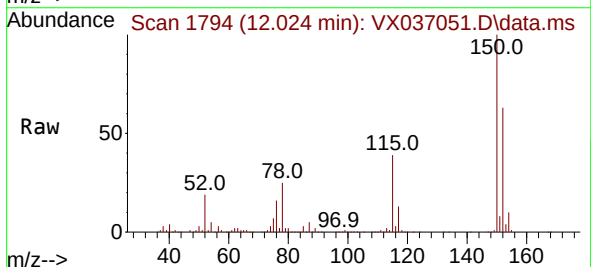
Tgt Ion: 152 Resp: 115756

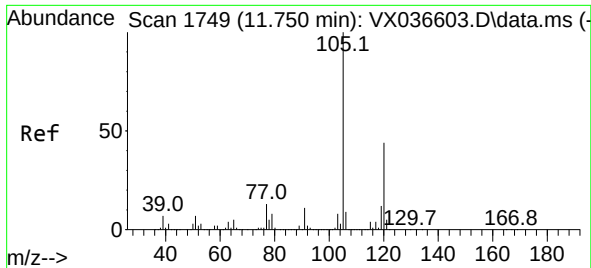
Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 158.1 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.418 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037051.D
 Acq: 17 Aug 2023 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z21-23

Tgt Ion:105 Resp: 11364
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.2 63.6

