

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037053.D
 Acq On : 17 Aug 2023 10:47
 Operator : JC/MD
 Sample : 03958-07
 Misc : 7.94g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z10-12

Quant Time: Aug 17 12:23:23 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)

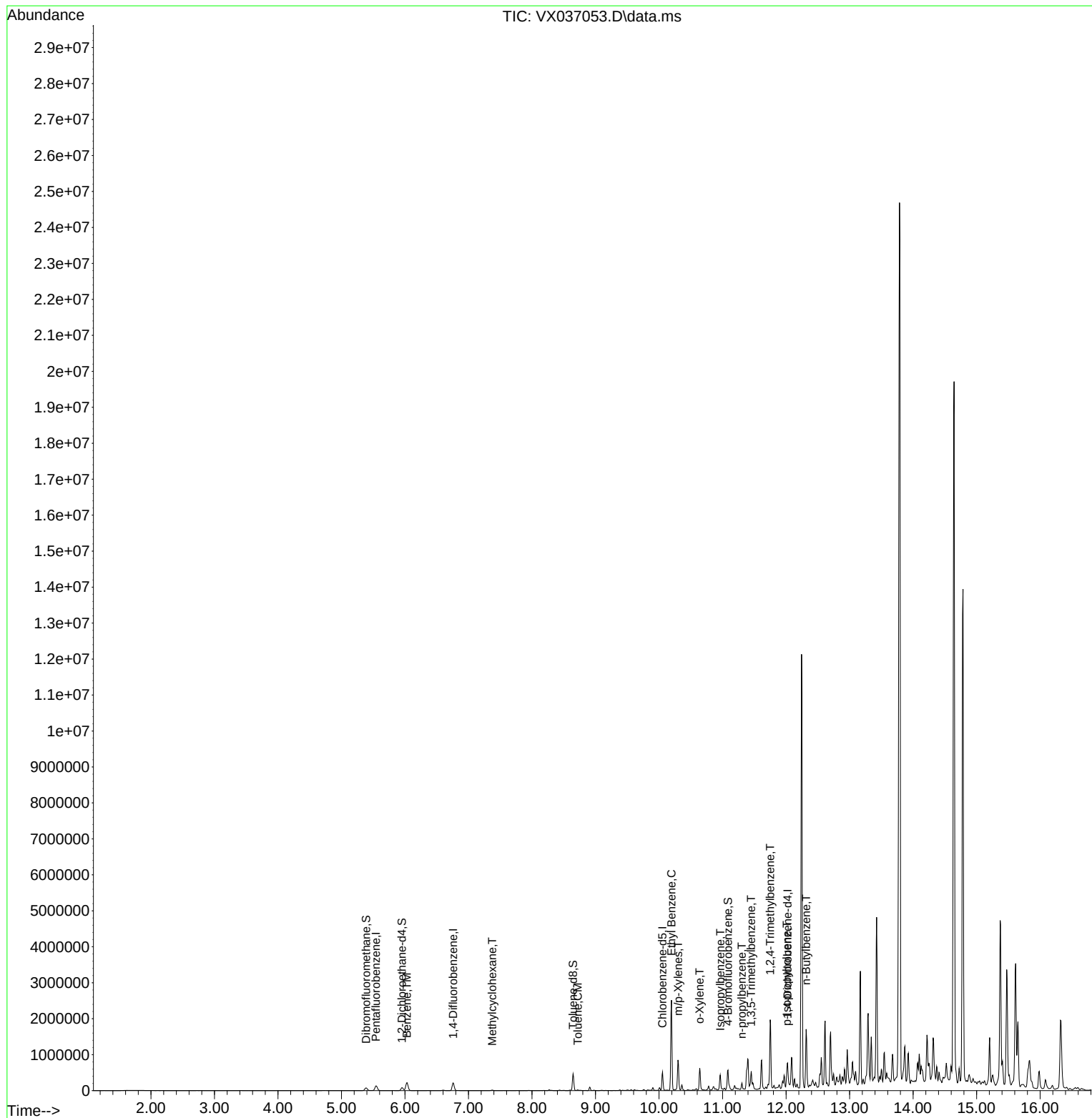
Internal Standards						
1) Pentafluorobenzene	5.544	168	126386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81957	43.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.660%
35) Dibromofluoromethane	5.385	113	68821	43.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.320%
50) Toluene-d8	8.647	98	277698	49.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.085	95	128782	61.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.120%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	7090	2.427	ug/l #	92
40) Benzene	6.031	78	278553	40.747	ug/l	98
52) Toluene	8.720	92	7559	1.765	ug/l	98
67) Ethyl Benzene	10.195	91	1439613	153.190	ug/l	98
68) m/p-Xylenes	10.299	106	196232	55.965	ug/l	98
69) o-Xylene	10.640	106	134199	38.343	ug/l	99
73) Isopropylbenzene	10.963	105	214532	19.887	ug/l	98
78) n-propylbenzene	11.305	91	115497	9.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	198906	22.041	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	848586	94.024	ug/l	95
86) p-Isopropyltoluene	12.012	119	107998	11.871	ug/l	95
89) n-Butylbenzene	12.317	91	171584	21.069	ug/l #	1

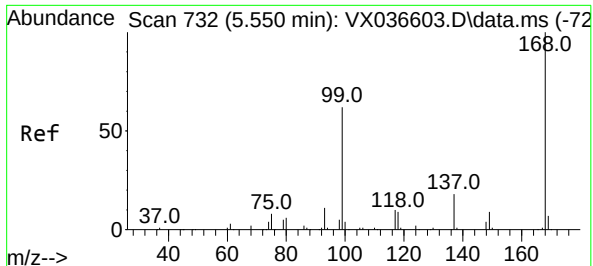
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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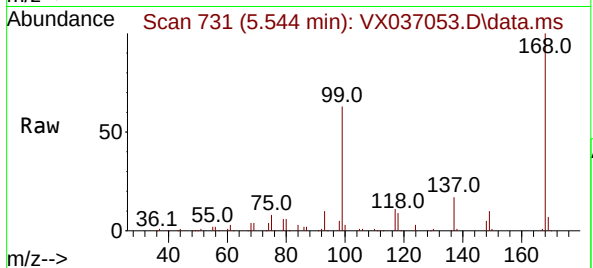
Quant Time: Aug 17 12:23:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



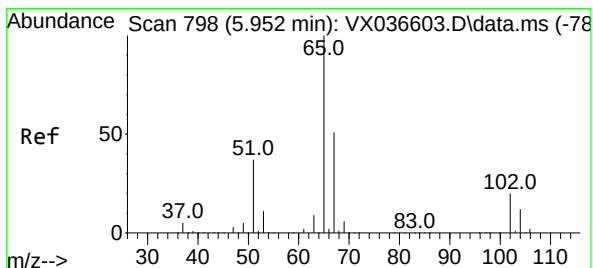
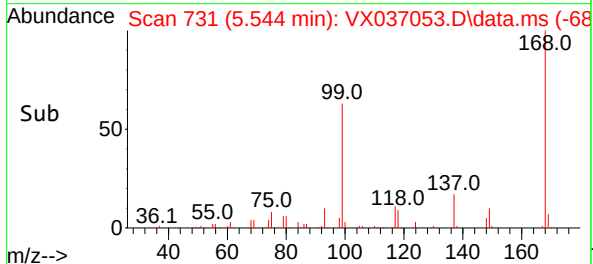
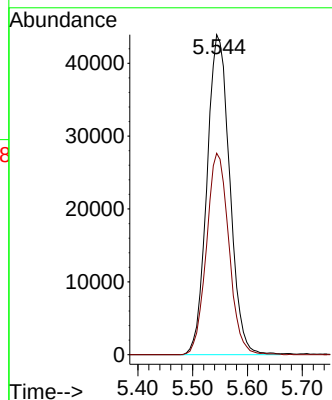


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z10-12

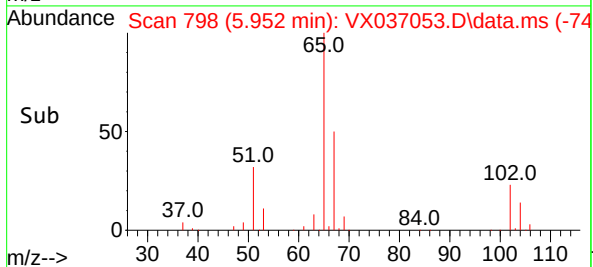
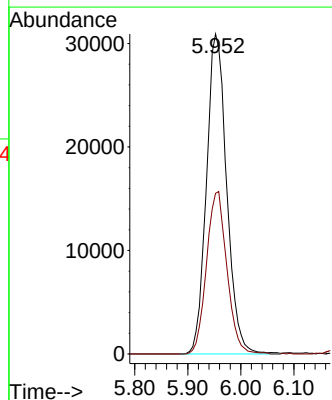
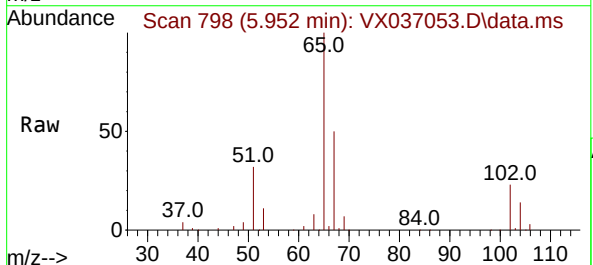


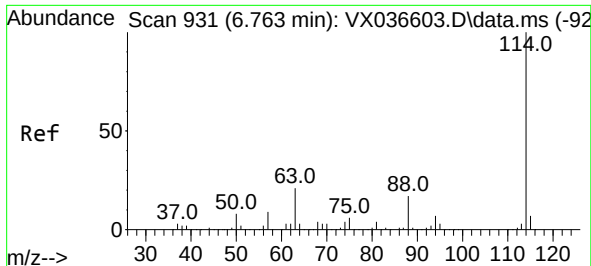
Tgt Ion:168 Resp: 126386
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.826 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

Tgt Ion: 65 Resp: 81957
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

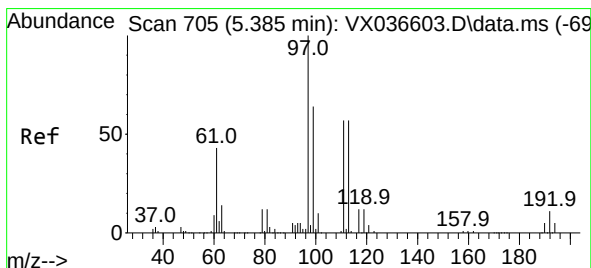
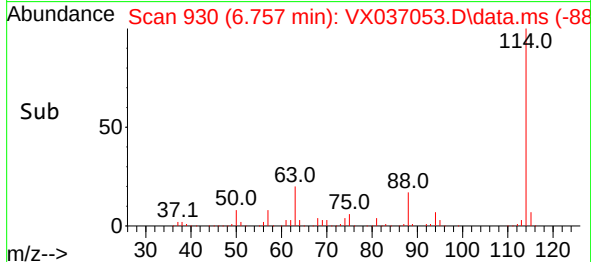
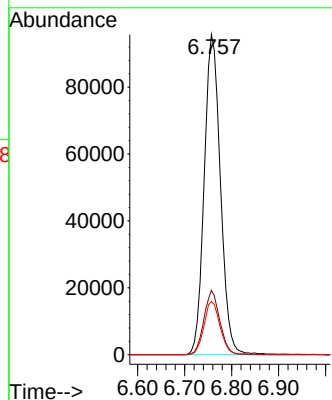
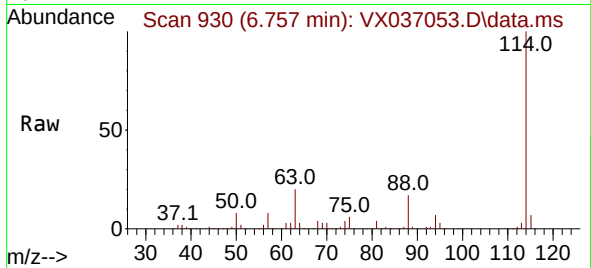




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

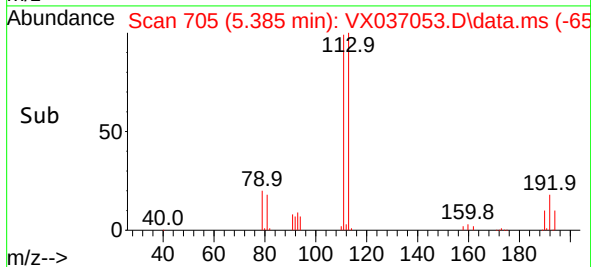
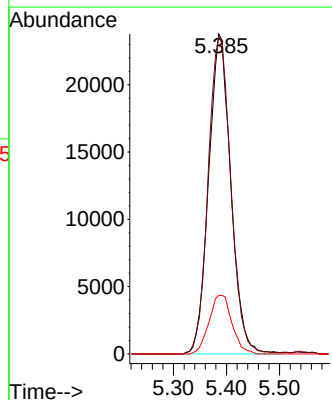
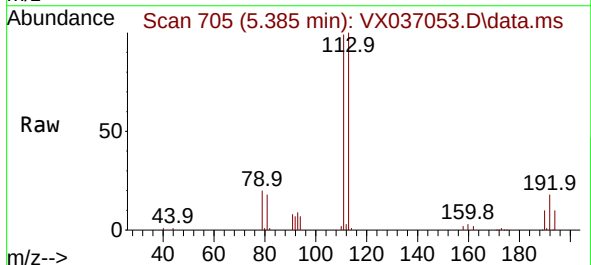
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z10-12

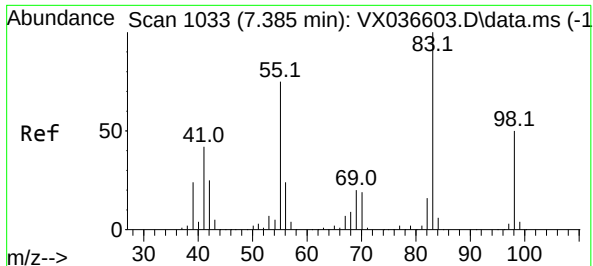
Tgt Ion:114 Resp: 229350
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.656 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

Tgt Ion:113 Resp: 68821
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.1 13.3 19.9





#39

Methylcyclohexane

Concen: 2.427 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z10-12

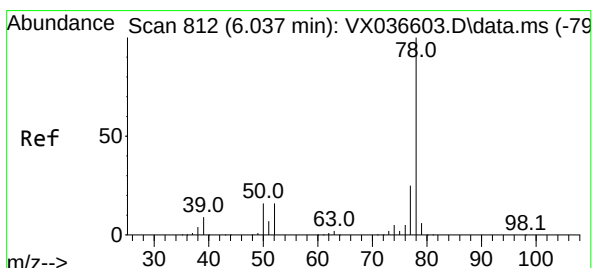
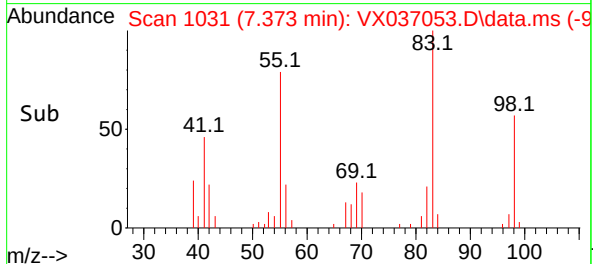
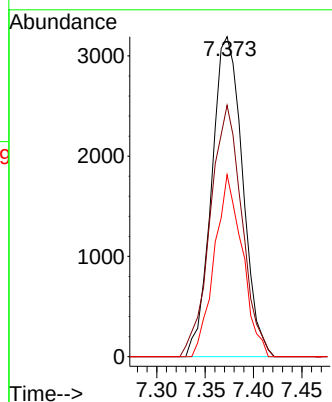
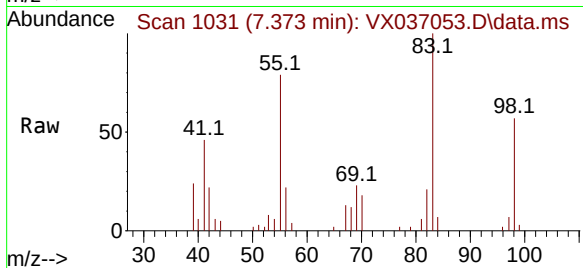
Tgt Ion: 83 Resp: 7090

Ion Ratio Lower Upper

83 100

55 78.6 64.6 97.0

98 56.8 36.7 55.1#



#40

Benzene

Concen: 40.747 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX037053.D

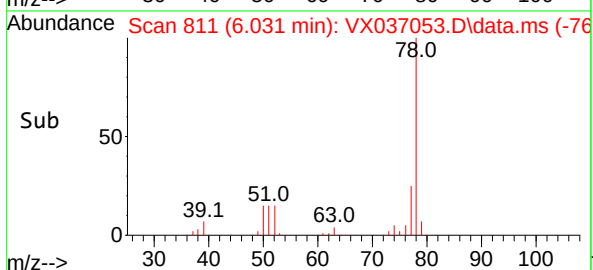
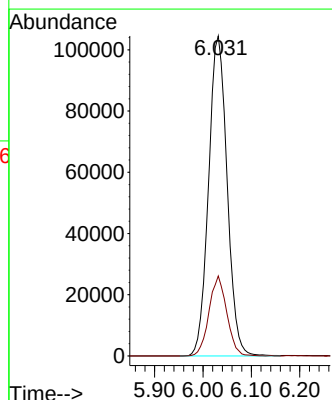
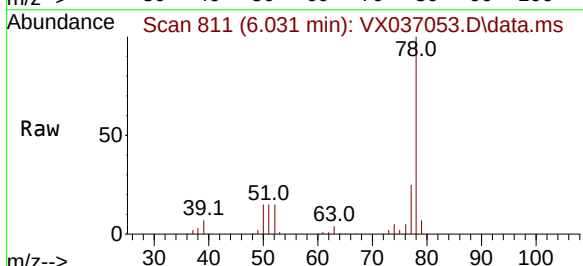
Acq: 17 Aug 2023 10:47

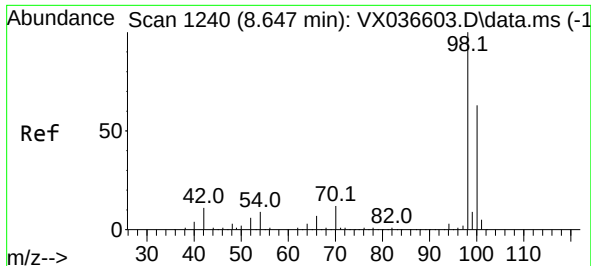
Tgt Ion: 78 Resp: 278553

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9

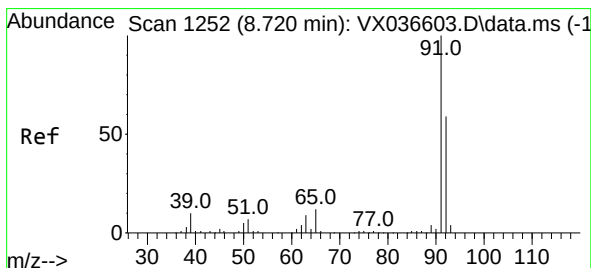
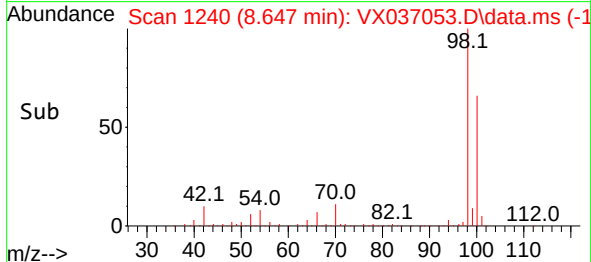
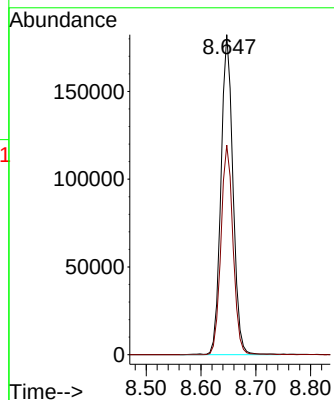
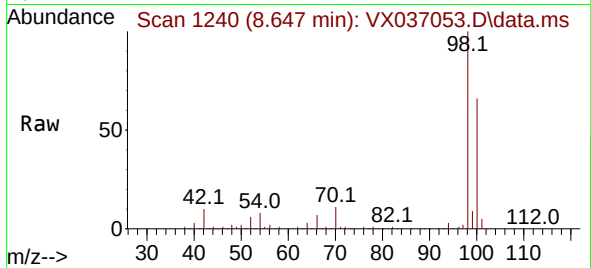




#50
Toluene-d8
Concen: 49.674 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

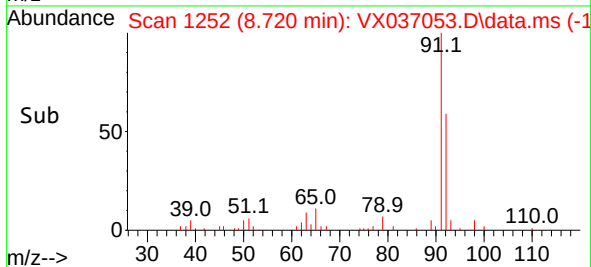
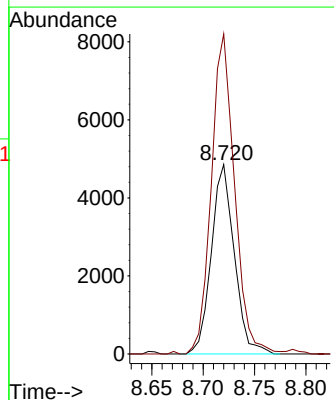
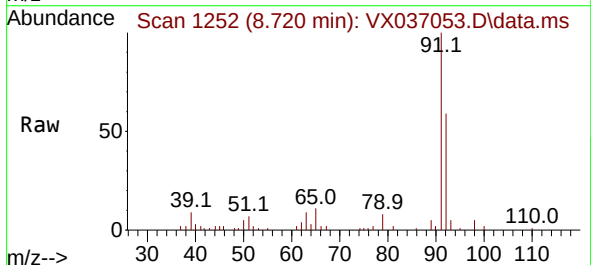
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z10-12

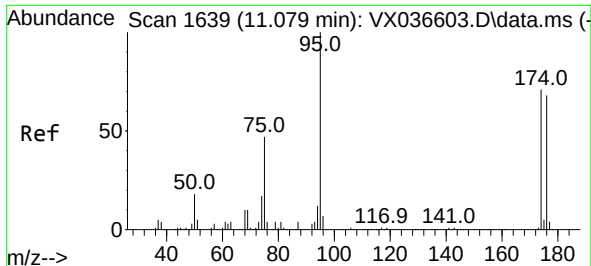
Tgt Ion: 98 Resp: 277698
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 1.765 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

Tgt Ion: 92 Resp: 7559
Ion Ratio Lower Upper
92 100
91 171.0 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 61.059 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z10-12

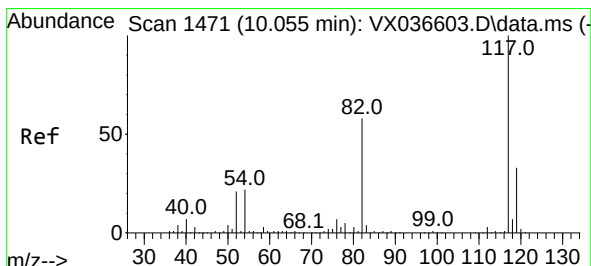
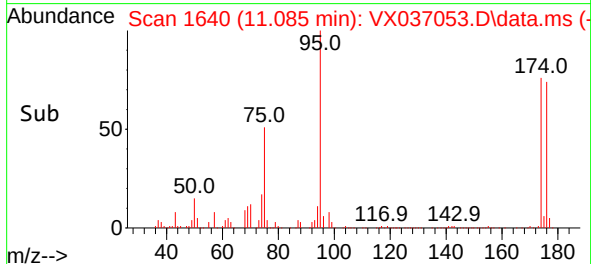
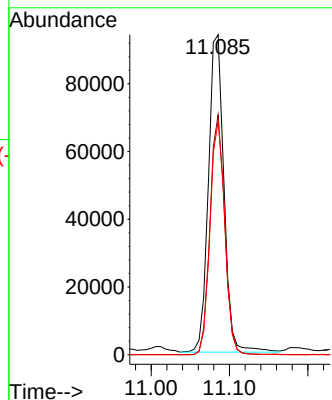
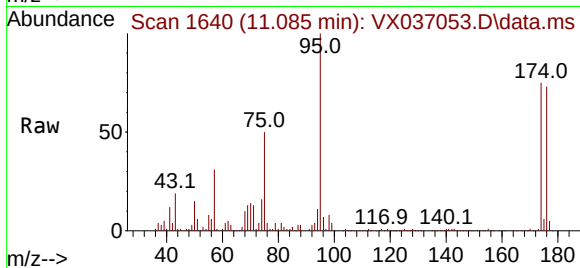
Tgt Ion: 95 Resp: 128782

Ion Ratio Lower Upper

95 100

174 71.3 0.0 135.6

176 69.8 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: VX037053.D

Acq: 17 Aug 2023 10:47

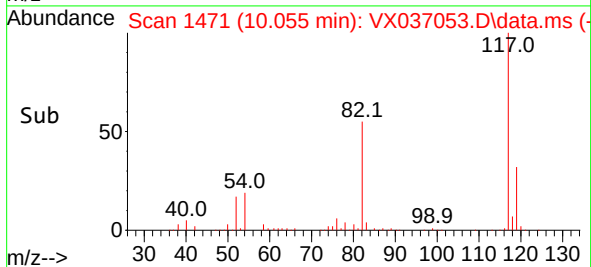
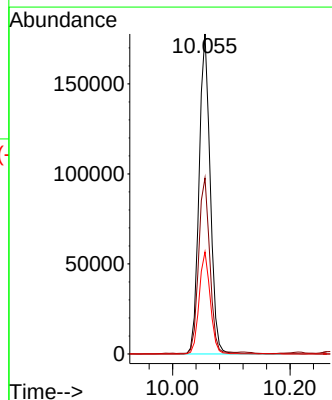
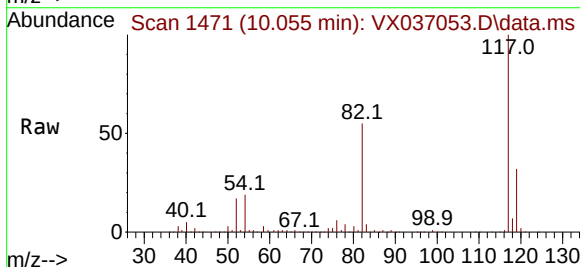
Tgt Ion: 117 Resp: 233375

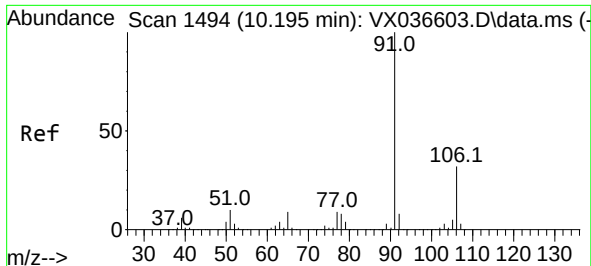
Ion Ratio Lower Upper

117 100

82 54.8 46.2 69.4

119 31.9 25.5 38.3





#67

Ethyl Benzene

Concen: 153.190 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

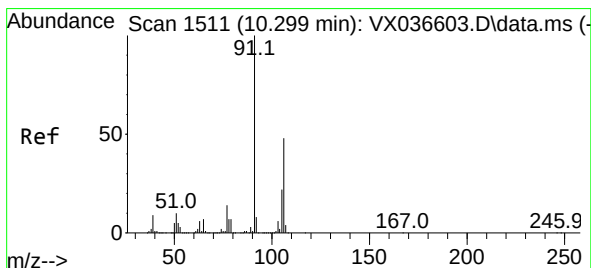
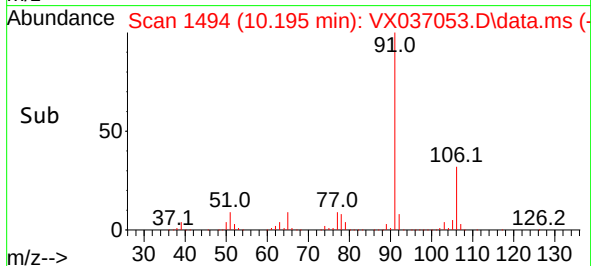
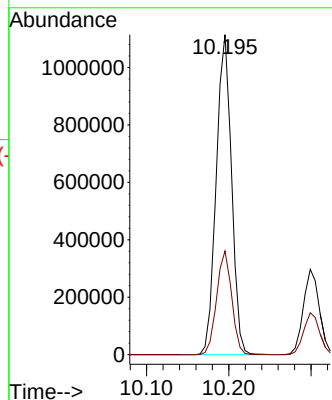
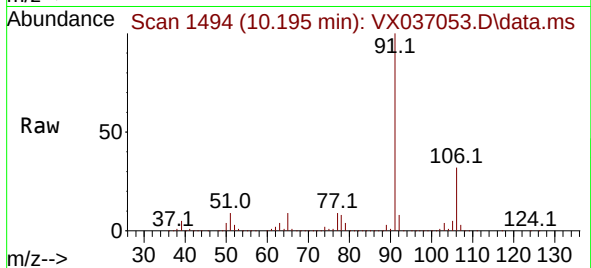
NEVINS-SB02-Z10-12

Tgt Ion: 91 Resp: 1439613

Ion Ratio Lower Upper

91 100

106 32.4 24.9 37.3



#68

m/p-Xylenes

Concen: 55.965 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037053.D

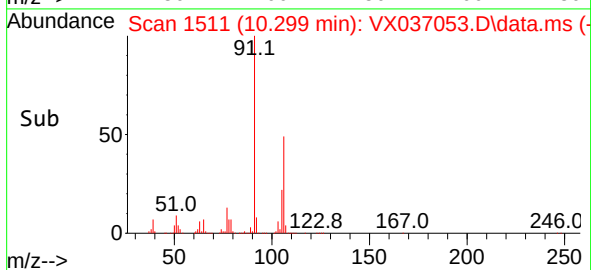
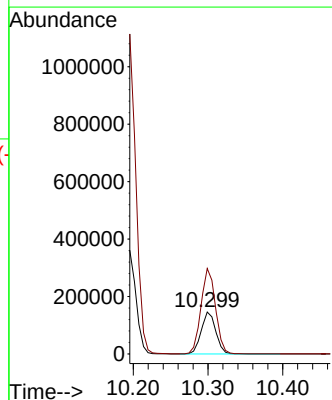
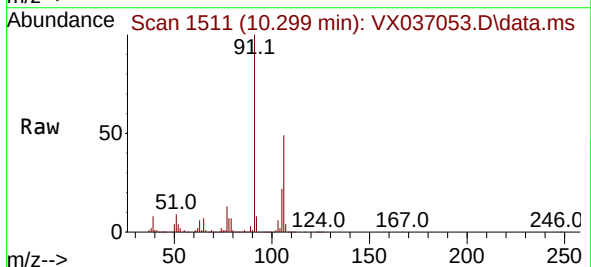
Acq: 17 Aug 2023 10:47

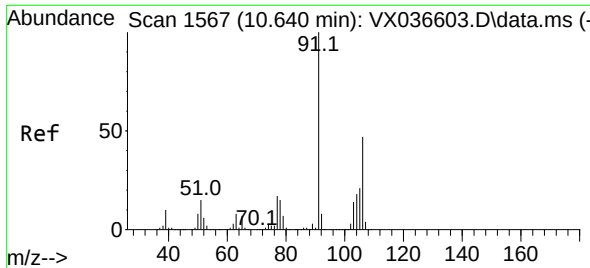
Tgt Ion: 106 Resp: 196232

Ion Ratio Lower Upper

106 100

91 203.7 165.5 248.3

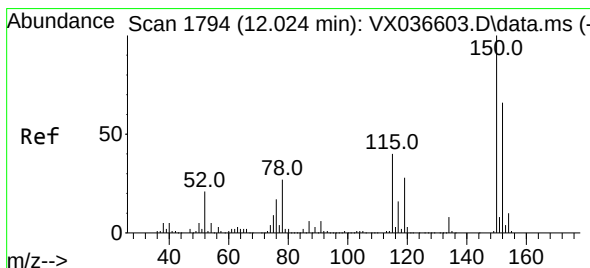
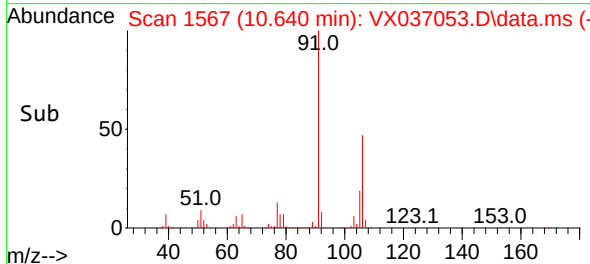
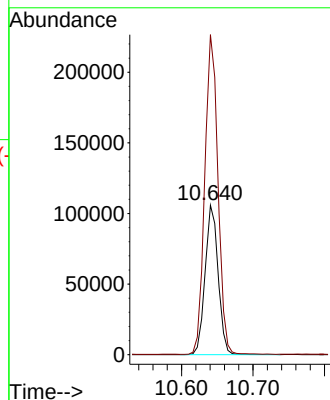
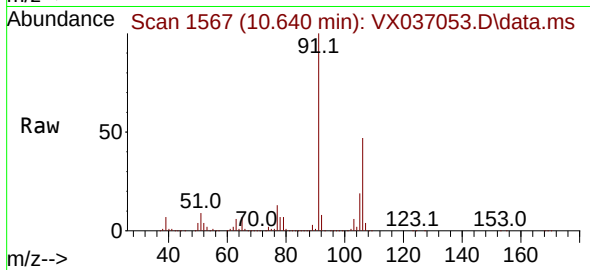




#69
o-Xylene
Concen: 38.343 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

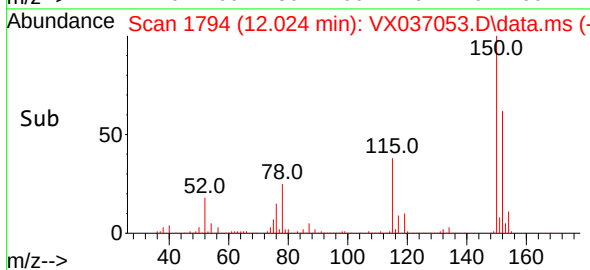
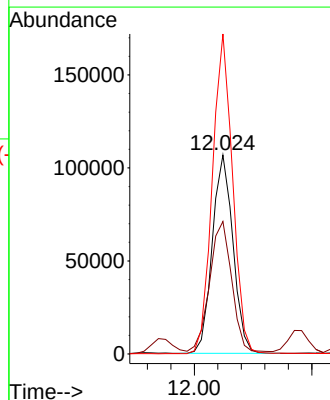
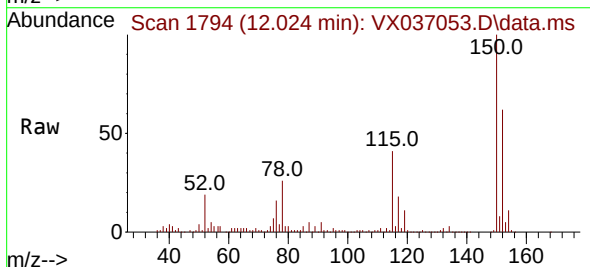
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z10-12

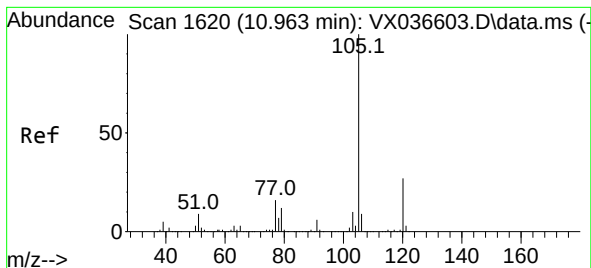
Tgt Ion:106 Resp: 134199
Ion Ratio Lower Upper
106 100
91 216.2 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037053.D
Acq: 17 Aug 2023 10:47

Tgt Ion:152 Resp: 130347
Ion Ratio Lower Upper
152 100
115 68.8 43.3 129.9
150 157.8 0.0 345.0





#73

Isopropylbenzene

Concen: 19.887 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

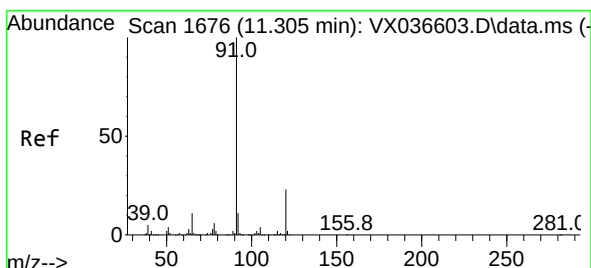
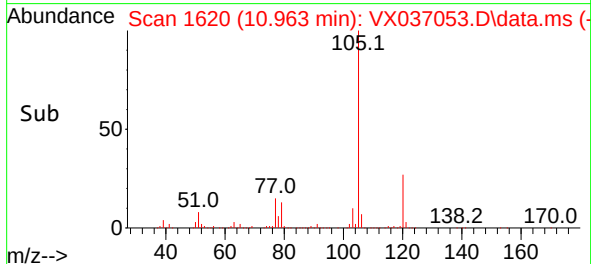
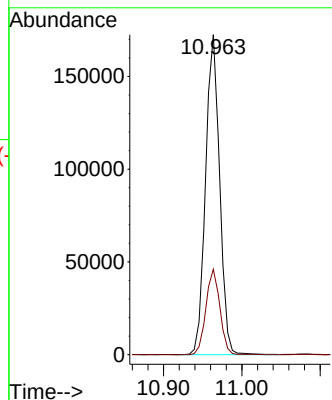
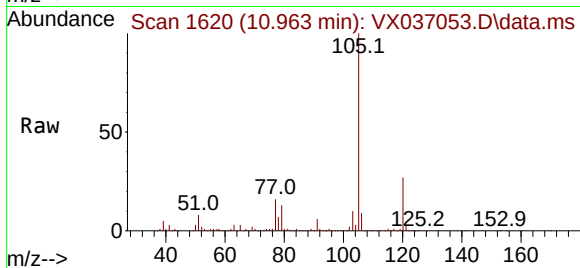
NEVINS-SB02-Z10-12

Tgt Ion:105 Resp: 214532

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#78

n-propylbenzene

Concen: 9.258 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037053.D

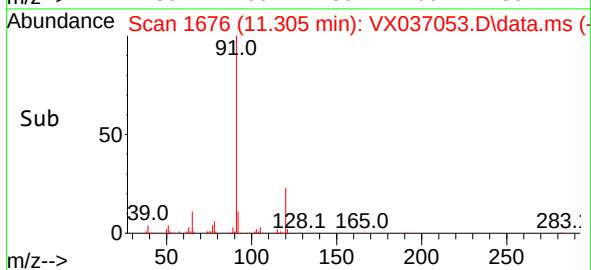
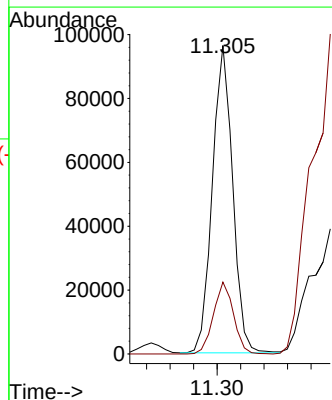
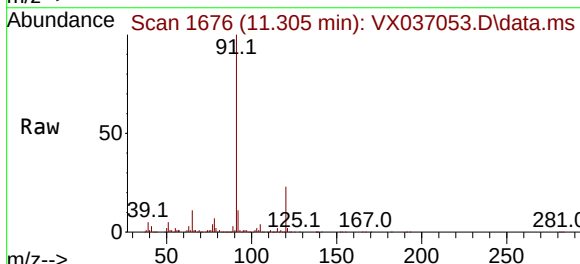
Acq: 17 Aug 2023 10:47

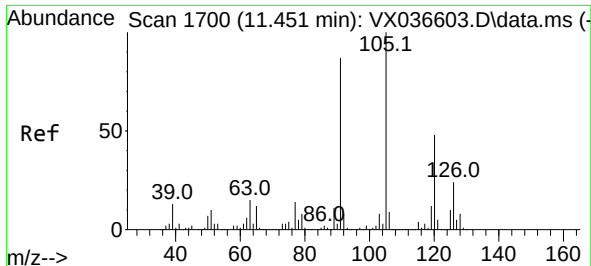
Tgt Ion: 91 Resp: 115497

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

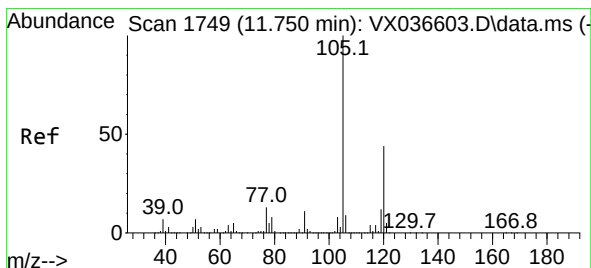
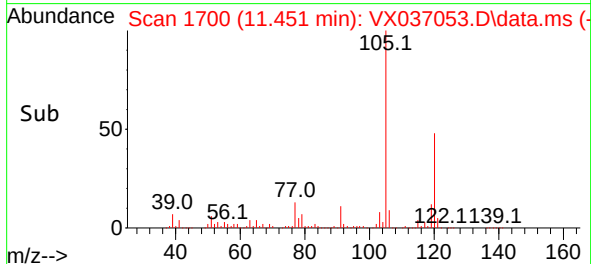
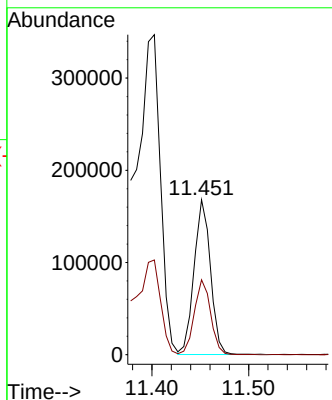
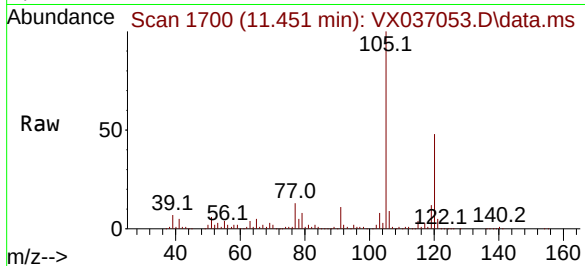




#80
 1,3,5-Trimethylbenzene
 Concen: 22.041 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX037053.D
 Acq: 17 Aug 2023 10:47

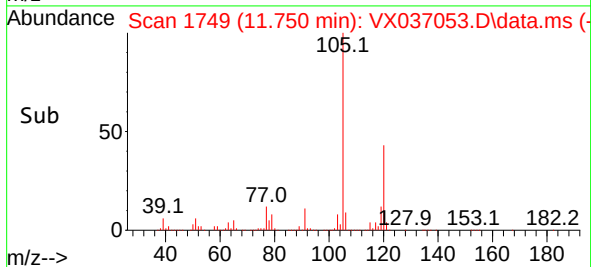
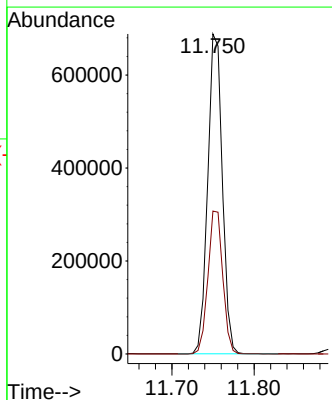
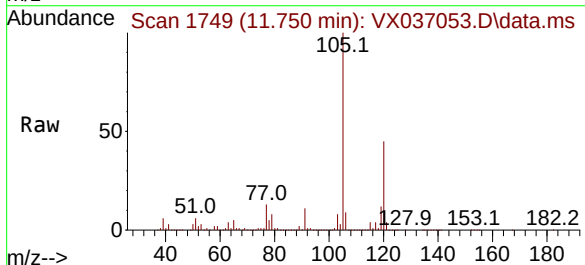
Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z10-12

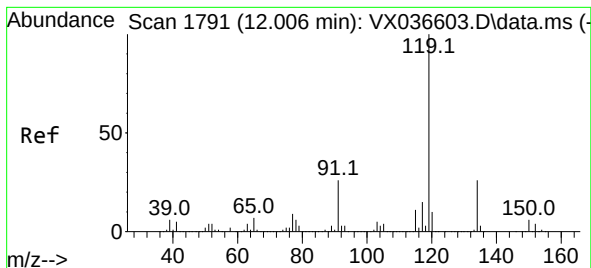
Tgt Ion:105 Resp: 198906
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 94.024 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX037053.D
 Acq: 17 Aug 2023 10:47

Tgt Ion:105 Resp: 848586
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.2 63.6





#86

p-Isopropyltoluene

Concen: 11.871 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.006 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z10-12

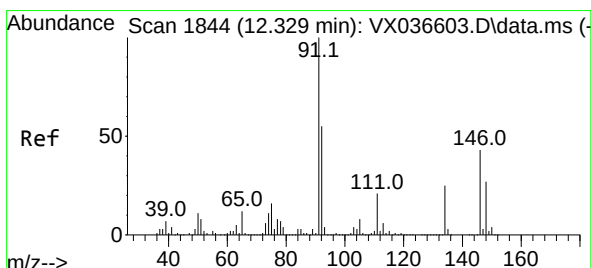
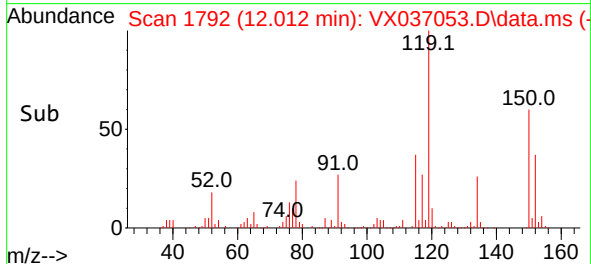
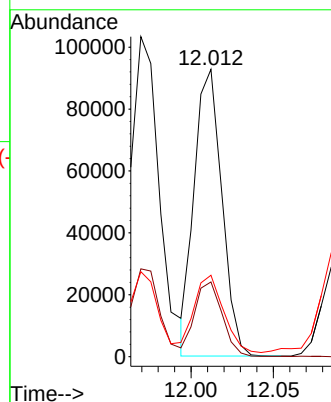
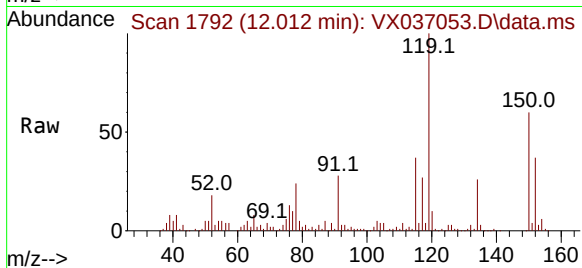
Tgt Ion:119 Resp: 107998

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

91 30.8 13.1 39.3



#89

n-Butylbenzene

Concen: 21.069 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX037053.D

Acq: 17 Aug 2023 10:47

Tgt Ion: 91 Resp: 171584

Ion Ratio Lower Upper

91 100

92 19.4 27.4 82.0#

134 135.1 12.6 37.8#

