

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037049.D
 Acq On : 17 Aug 2023 09:11
 Operator : JC/MD
 Sample : 03958-02 10X
 Misc : 7.65g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z93-94

Quant Time: Aug 17 10:35:10 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)

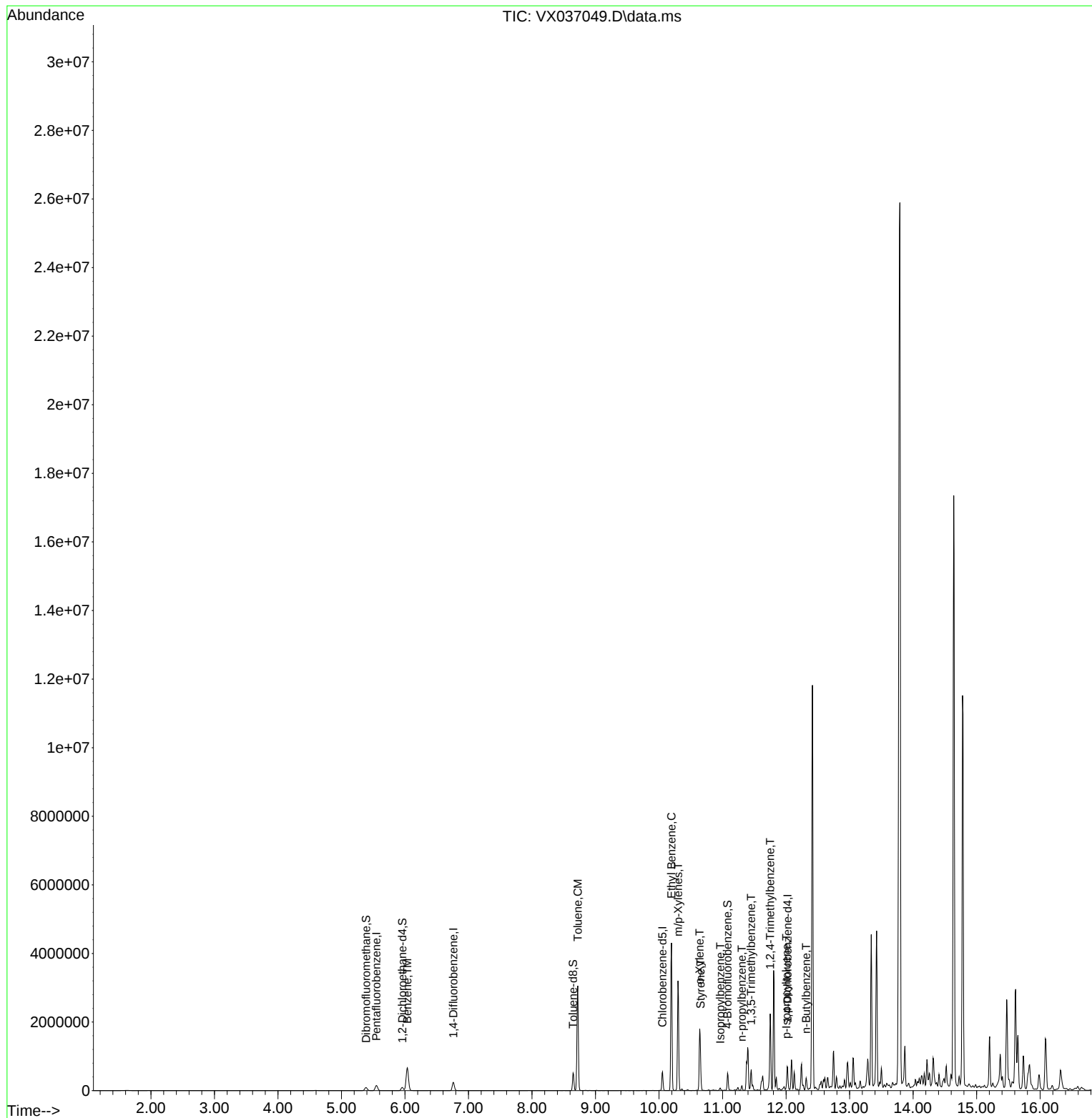
Internal Standards						
1) Pentafluorobenzene	5.550	168	141140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93310	44.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.360%
35) Dibromofluoromethane	5.385	113	81140	45.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	313732	49.876	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	133014	56.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.100%
Target Compounds						
					Qvalue	
40) Benzene	6.037	78	836869	108.796	ug/l	100
52) Toluene	8.720	92	1200103	248.997	ug/l	99
67) Ethyl Benzene	10.195	91	2487813	242.129	ug/l	96
68) m/p-Xylenes	10.299	106	731370	190.778	ug/l	97
69) o-Xylene	10.640	106	367591	96.062	ug/l	99
70) Styrene	10.653	104	182564	28.917	ug/l #	79
73) Isopropylbenzene	10.963	105	37643	3.410	ug/l	98
78) n-propylbenzene	11.305	91	85018	6.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	259527	28.099	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	963683	104.331	ug/l	95
86) p-Isopropyltoluene	12.006	119	35217	3.782	ug/l	91
89) n-Butylbenzene	12.317	91	42955	5.154	ug/l #	16

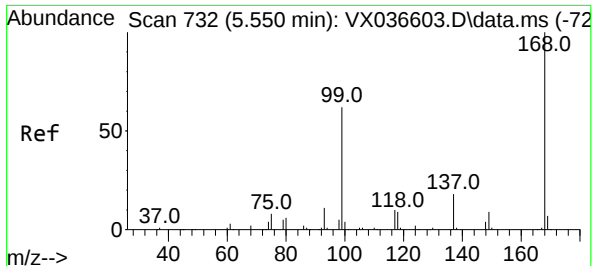
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

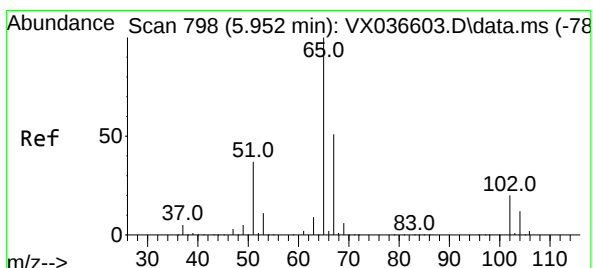
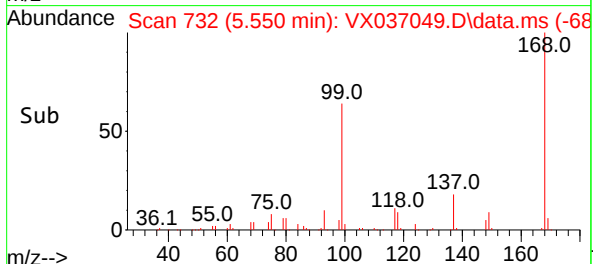
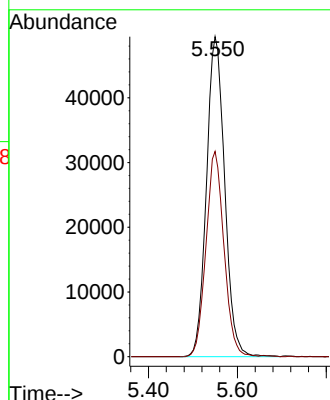
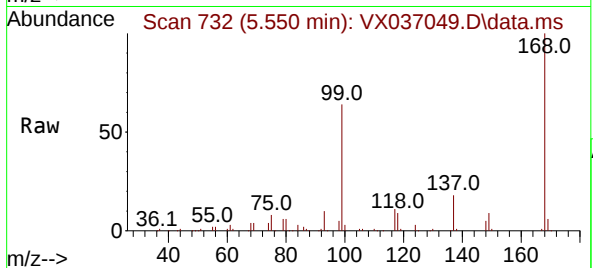




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

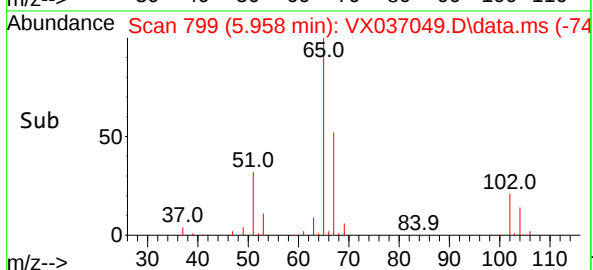
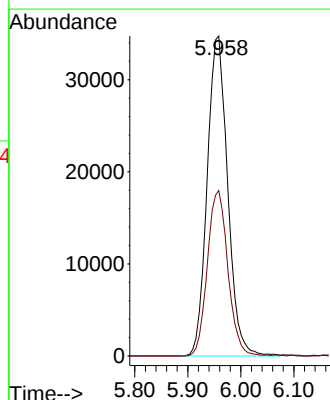
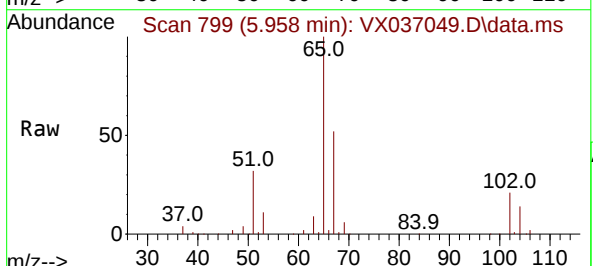
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94

Tgt Ion:168 Resp: 141140
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.681 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

Tgt Ion: 65 Resp: 93310
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

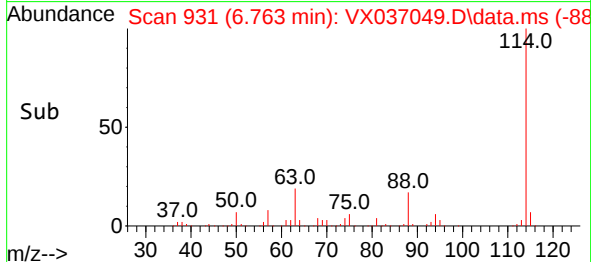
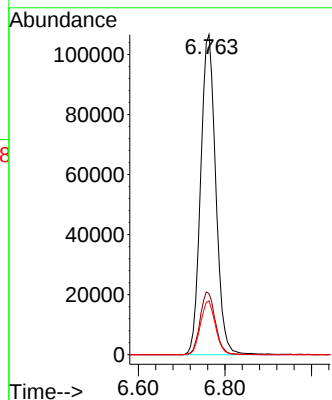
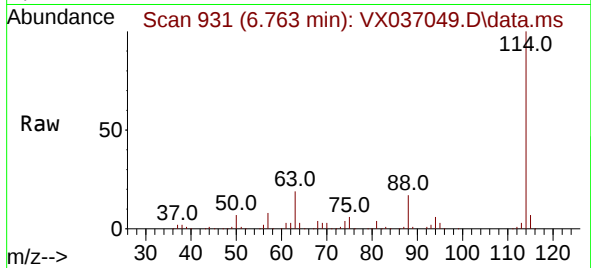




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

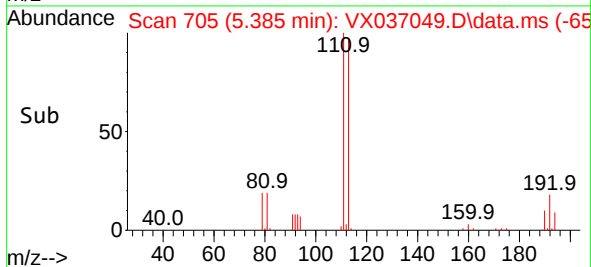
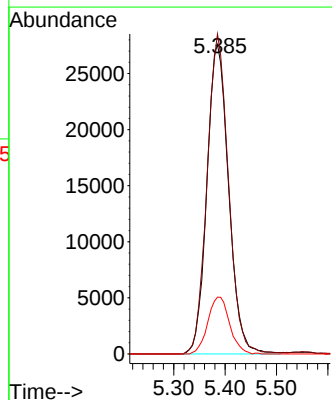
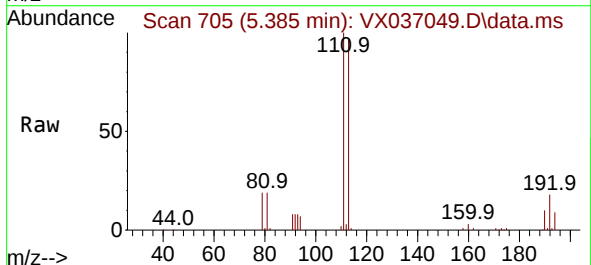
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94

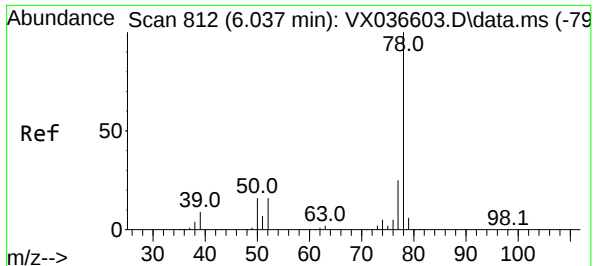
Tgt Ion:114 Resp: 258064
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.744 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

Tgt Ion:113 Resp: 81140
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.4 13.3 19.9

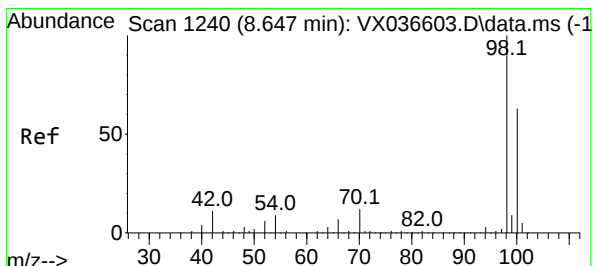
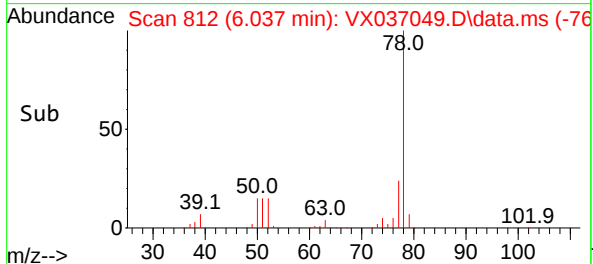
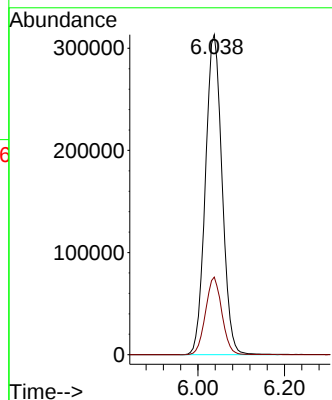
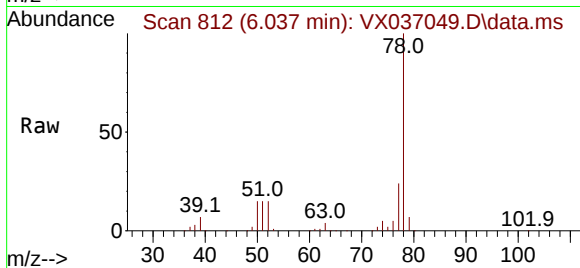




#40
Benzene
Concen: 108.796 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

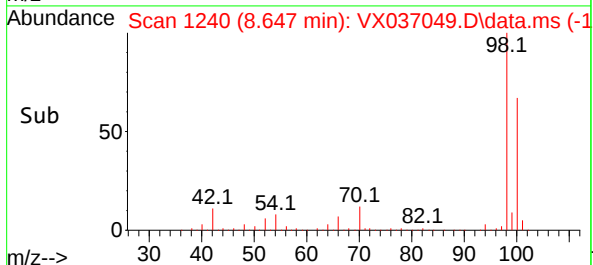
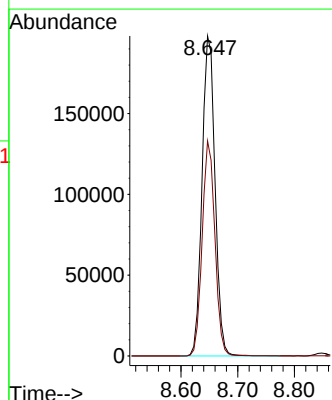
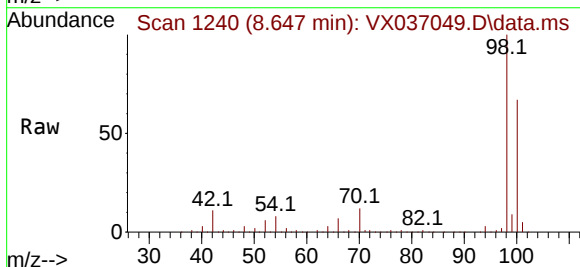
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94

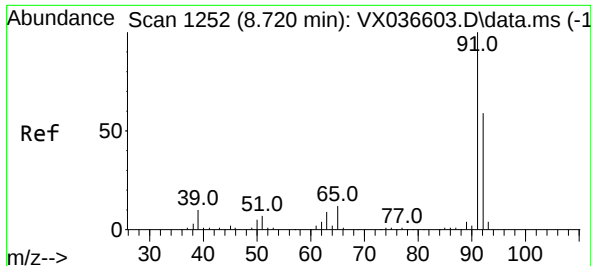
Tgt Ion: 78 Resp: 836869
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9



#50
Toluene-d8
Concen: 49.876 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

Tgt Ion: 98 Resp: 313732
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

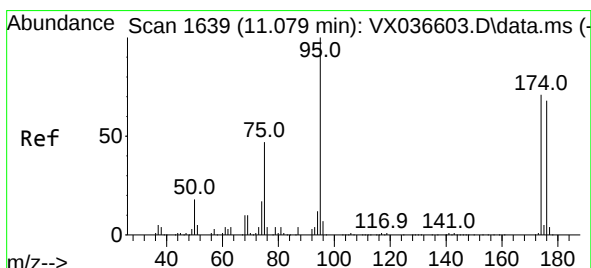
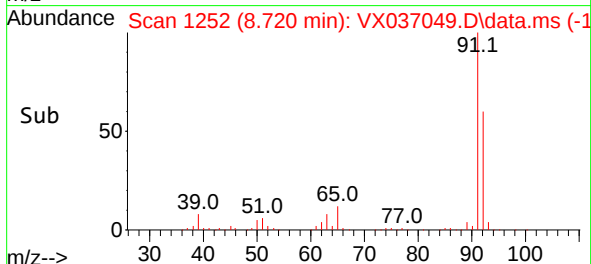
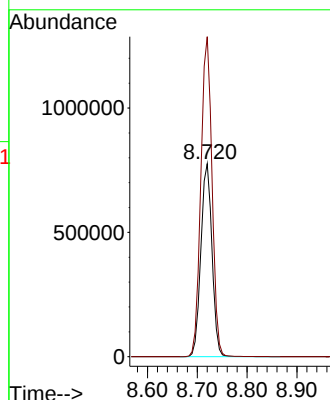
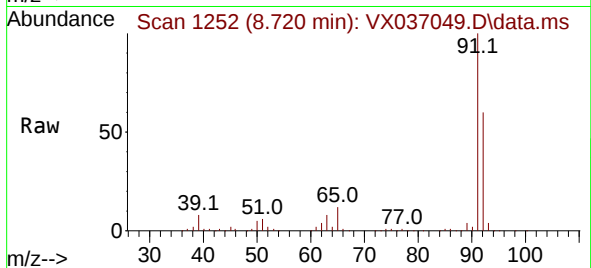




#52
Toluene
Concen: 248.997 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

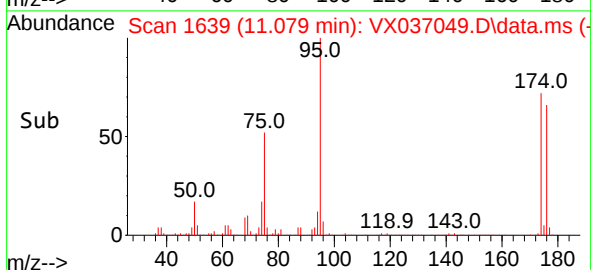
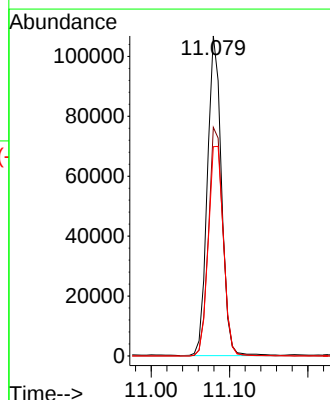
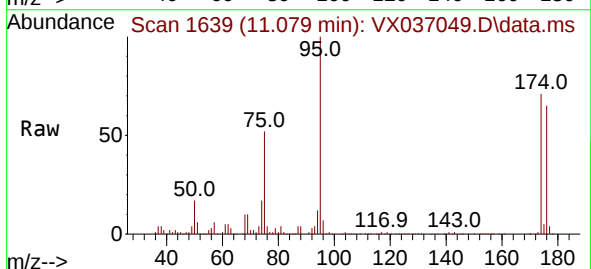
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94

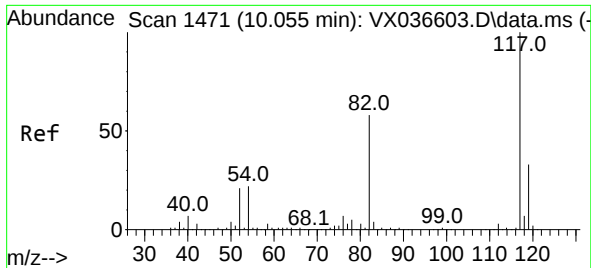
Tgt Ion: 92 Resp: 1200103
Ion Ratio Lower Upper
92 100
91 166.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 56.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

Tgt Ion: 95 Resp: 133014
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.2 0.0 131.0

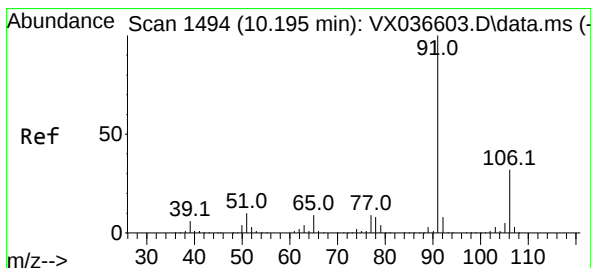
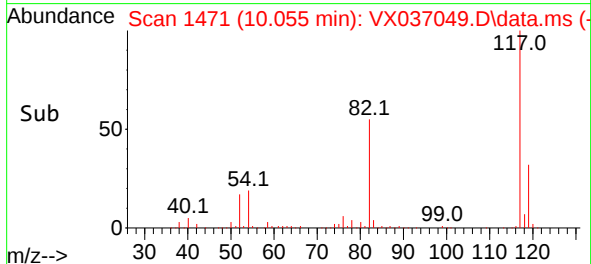
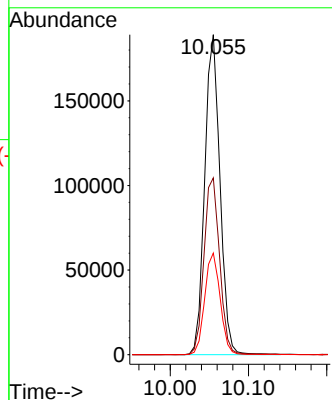
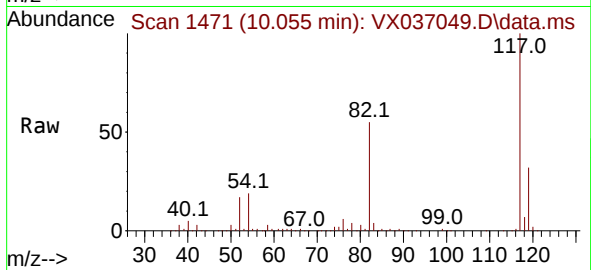




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

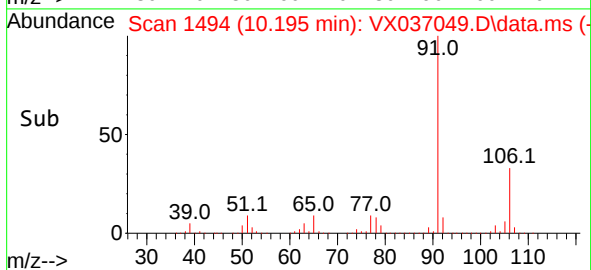
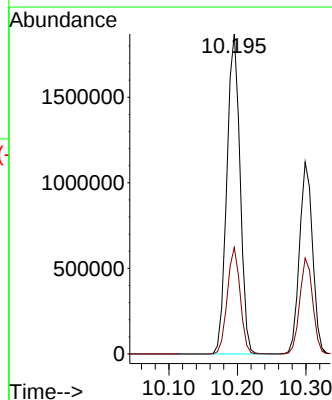
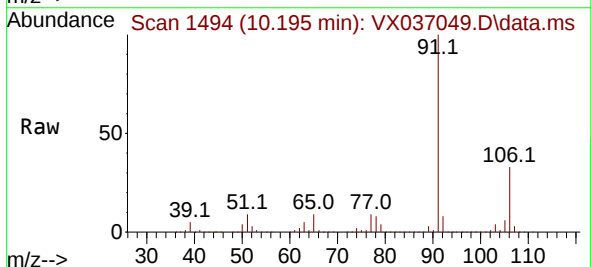
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z93-94

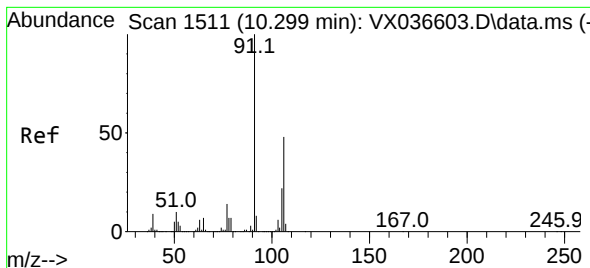
Tgt Ion:117 Resp: 255158
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 242.129 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037049.D
Acq: 17 Aug 2023 09:11

Tgt Ion: 91 Resp: 2487813
Ion Ratio Lower Upper
91 100
106 33.3 24.9 37.3





#68

m/p-Xylenes

Concen: 190.778 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Instrument :

MSVOA_X

ClientSampleId :

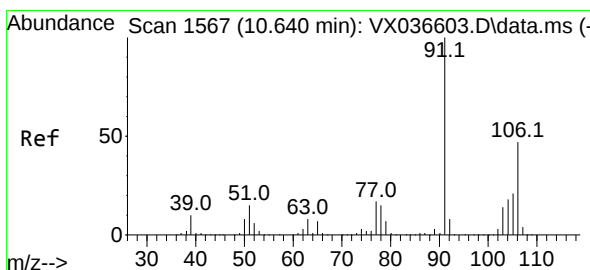
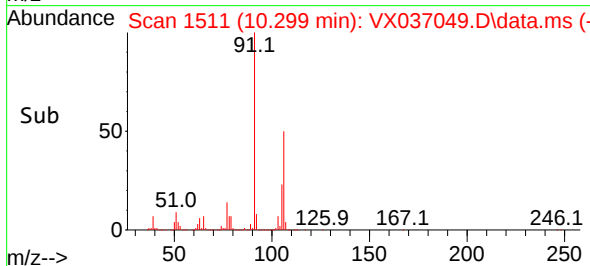
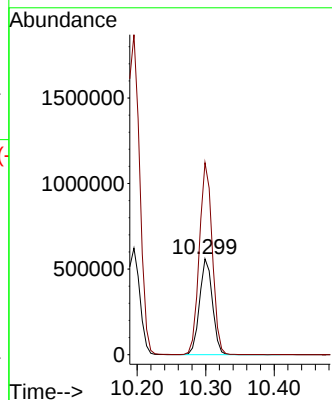
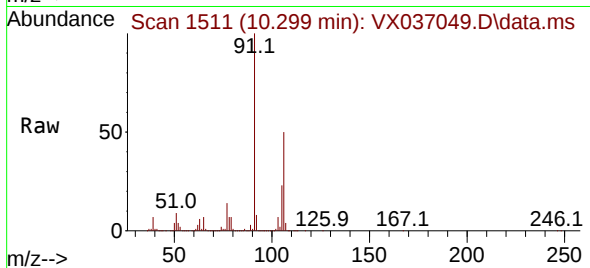
NEVINS-SB02-Z93-94

Tgt Ion:106 Resp: 731370

Ion Ratio Lower Upper

106 100

91 202.0 165.5 248.3



#69

o-Xylene

Concen: 96.062 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037049.D

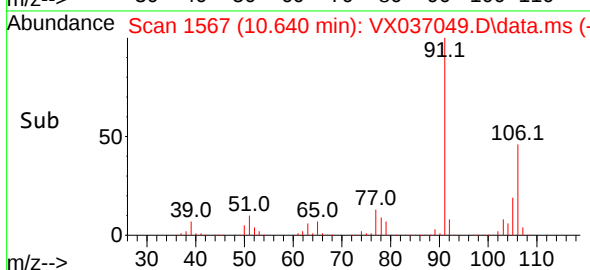
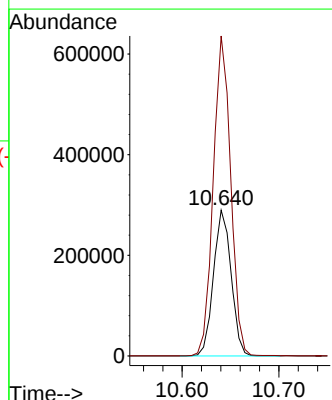
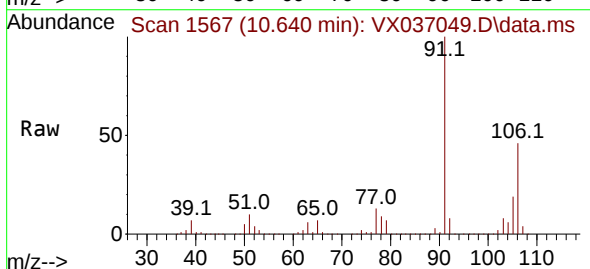
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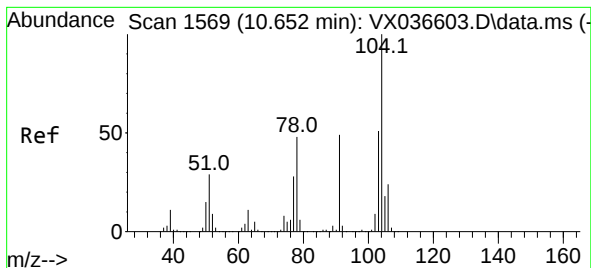
Tgt Ion:106 Resp: 367591

Ion Ratio Lower Upper

106 100

91 216.7 108.9 326.8





#70

Styrene

Concen: 28.917 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z93-94

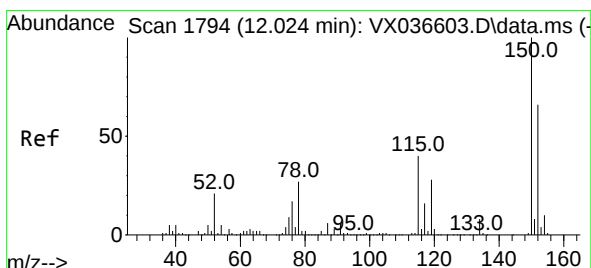
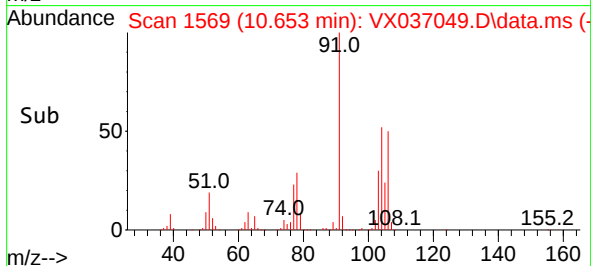
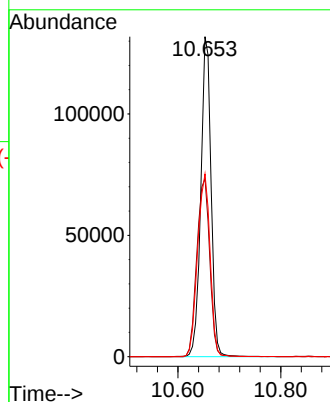
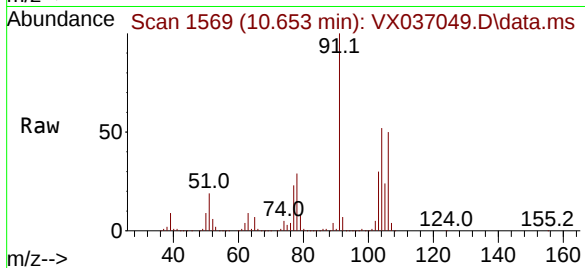
Tgt Ion:104 Resp: 182564

Ion Ratio Lower Upper

104 100

78 69.8 43.6 65.4#

103 70.0 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

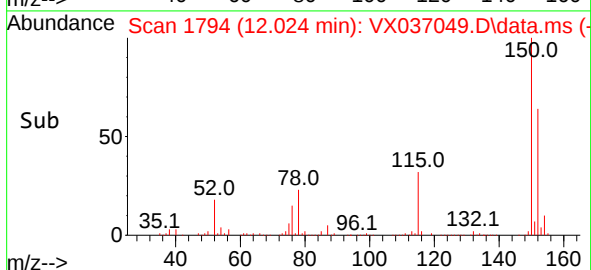
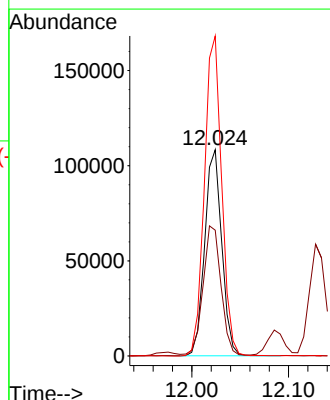
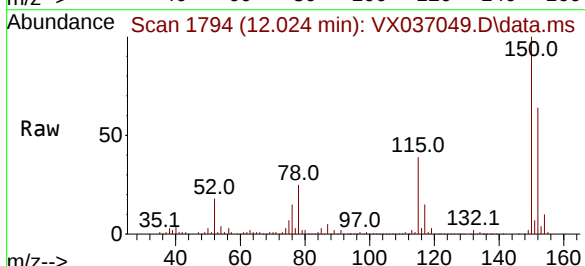
Tgt Ion:152 Resp: 133403

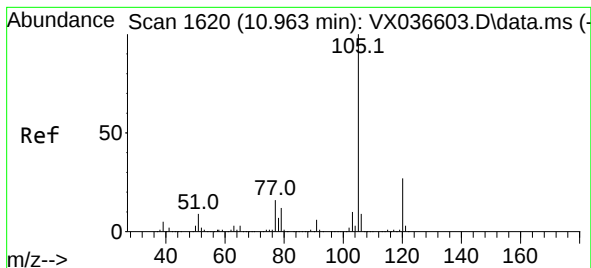
Ion Ratio Lower Upper

152 100

115 65.2 43.3 129.9

150 156.9 0.0 345.0





#73

Isopropylbenzene

Concen: 3.410 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Instrument :

MSVOA_X

ClientSampleId :

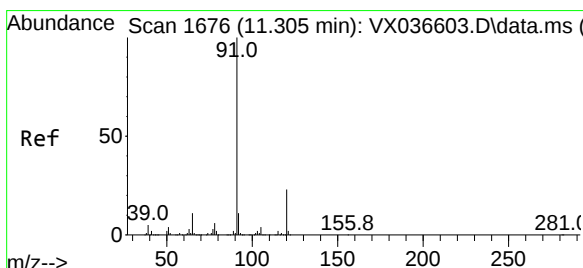
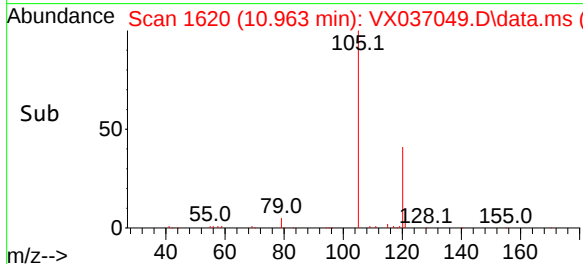
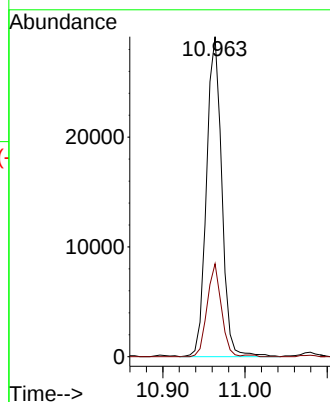
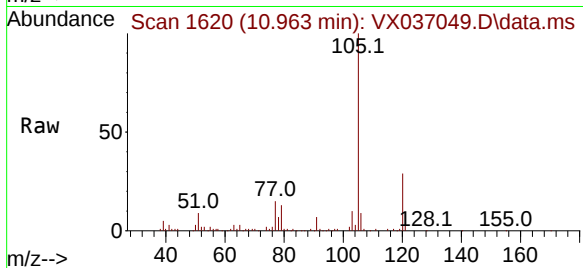
NEVINS-SB02-Z93-94

Tgt Ion:105 Resp: 37643

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#78

n-propylbenzene

Concen: 6.659 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037049.D

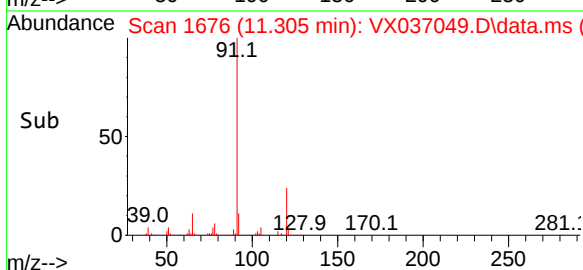
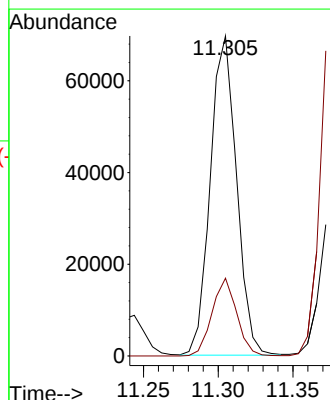
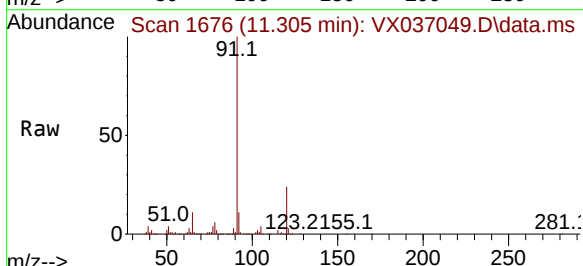
Acq: 17 Aug 2023 09:11

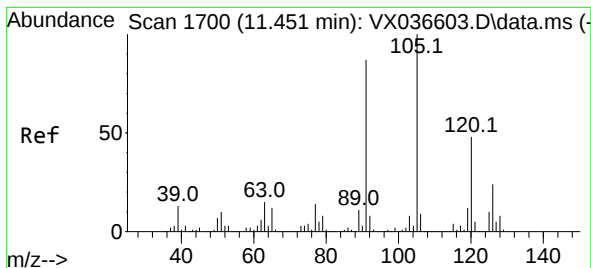
Tgt Ion: 91 Resp: 85018

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 28.099 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Instrument :

MSVOA_X

ClientSampleId :

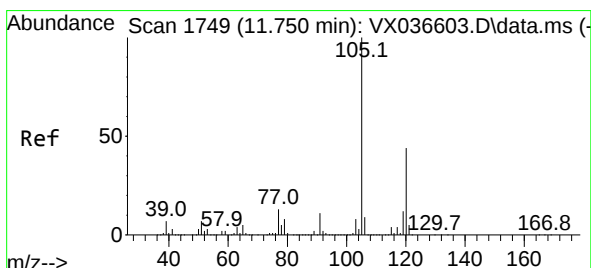
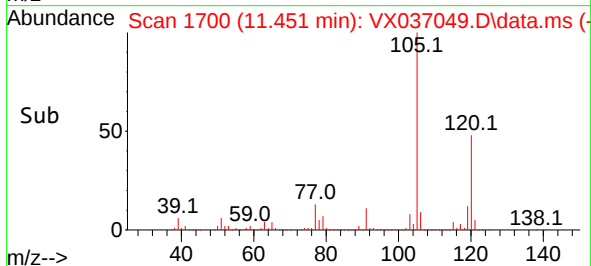
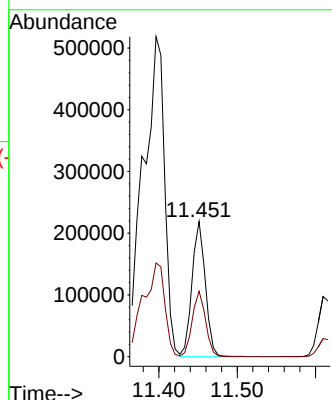
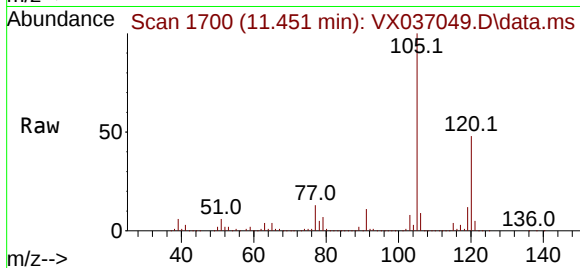
NEVINS-SB02-Z93-94

Tgt Ion:105 Resp: 259527

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 104.331 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037049.D

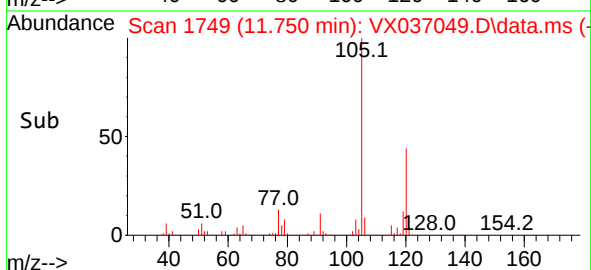
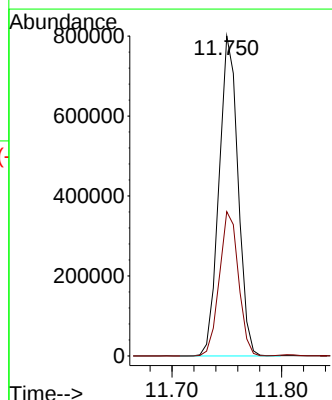
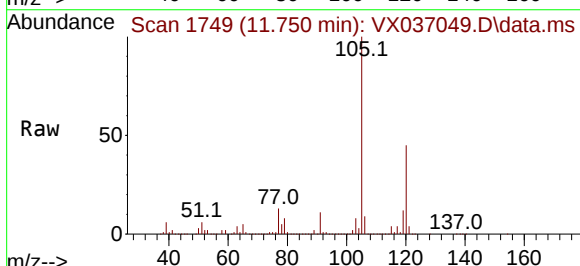
Acq: 17 Aug 2023 09:11

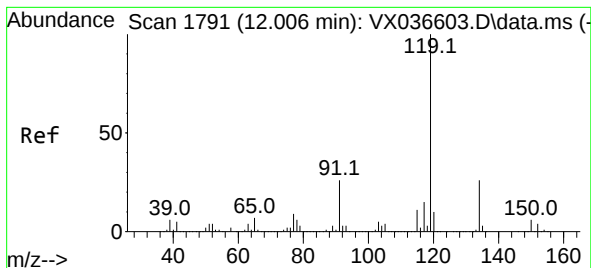
Tgt Ion:105 Resp: 963683

Ion Ratio Lower Upper

105 100

120 45.3 21.2 63.6





#86

p-Isopropyltoluene

Concen: 3.782 ug/l

RT: 12.006 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z93-94

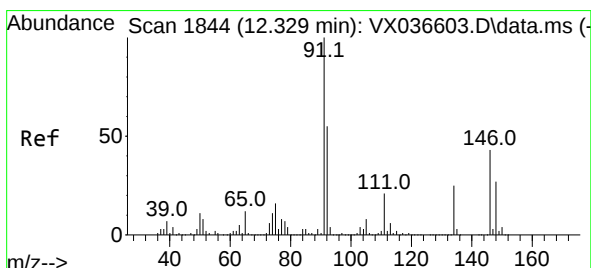
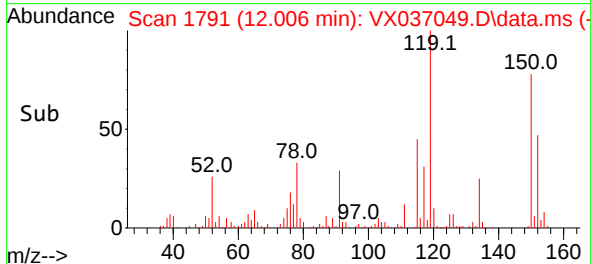
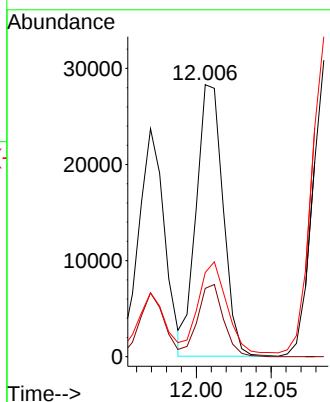
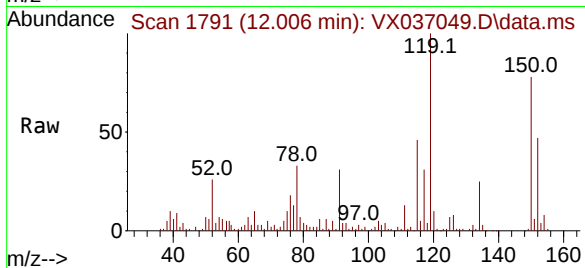
Tgt Ion:119 Resp: 35217

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

91 35.2 13.1 39.3



#89

n-Butylbenzene

Concen: 5.154 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX037049.D

Acq: 17 Aug 2023 09:11

Tgt Ion: 91 Resp: 42955

Ion Ratio Lower Upper

91 100

92 28.3 27.4 82.0

134 119.1 12.6 37.8#

