

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037052.D
 Acq On : 17 Aug 2023 10:23
 Operator : JC/MD
 Sample : 03958-04
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z46-47

Quant Time: Aug 17 10:57:23 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)

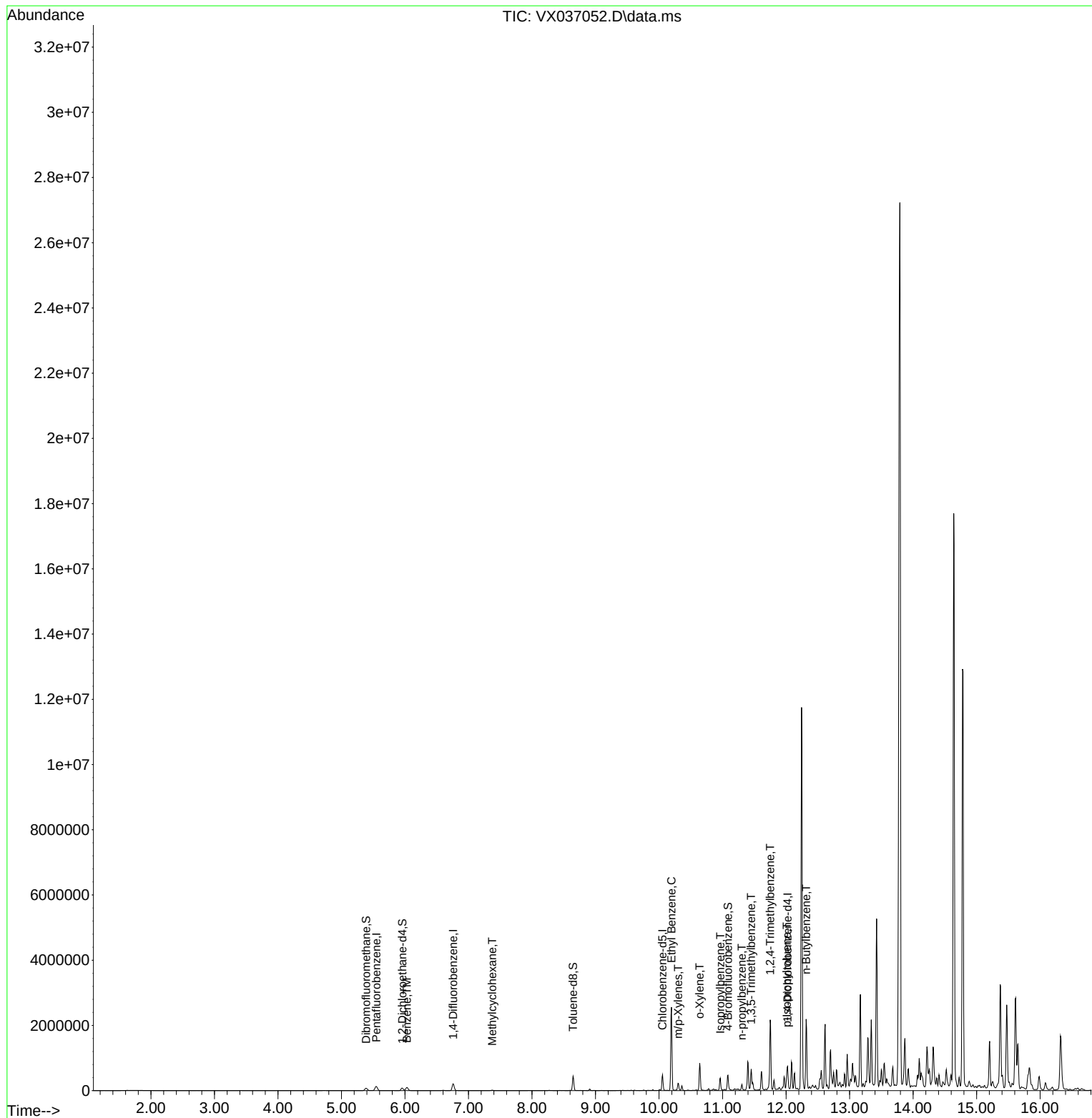
Internal Standards						
1) Pentafluorobenzene	5.550	168	121711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79952	44.396	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.800%
35) Dibromofluoromethane	5.385	113	65717	43.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.840%
50) Toluene-d8	8.647	98	264243	49.796	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.085	95	123801	61.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.680%#
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.372	83	7023	2.532	ug/l	91
40) Benzene	6.031	78	123596	19.047	ug/l	99
67) Ethyl Benzene	10.195	91	1478304	164.311	ug/l	98
68) m/p-Xylenes	10.299	106	53208	15.851	ug/l	98
69) o-Xylene	10.640	106	179643	53.613	ug/l	99
73) Isopropylbenzene	10.963	105	190690	17.883	ug/l	98
78) n-propylbenzene	11.305	91	109557	8.884	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	266791	29.908	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	948785	106.351	ug/l	95
86) p-Isopropyltoluene	12.012	119	122856	13.662	ug/l	97
89) n-Butylbenzene	12.317	91	216179	26.854	ug/l #	1

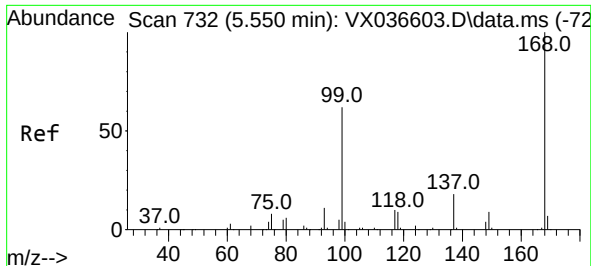
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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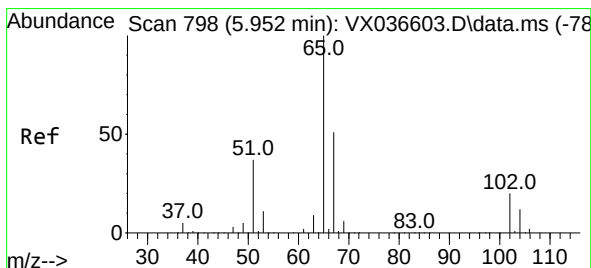
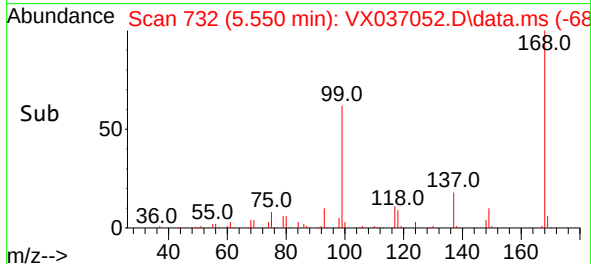
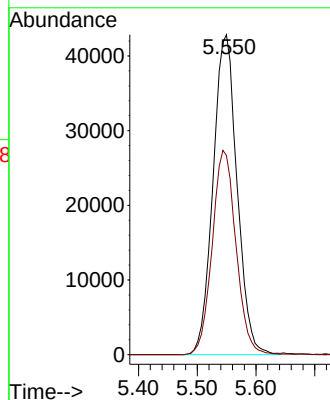
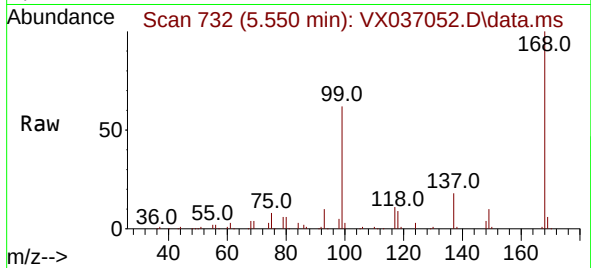




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

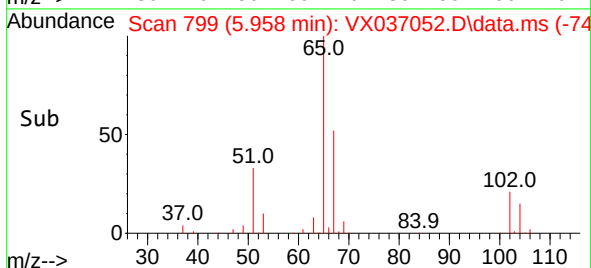
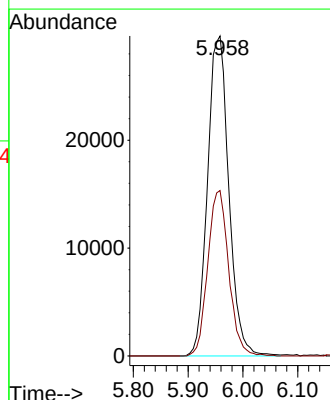
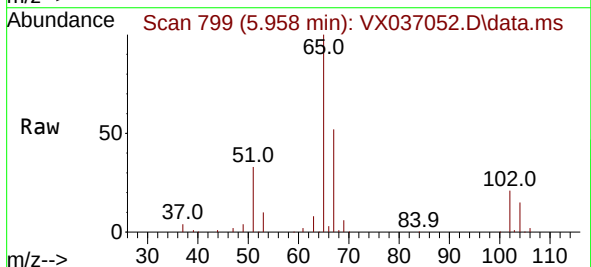
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47

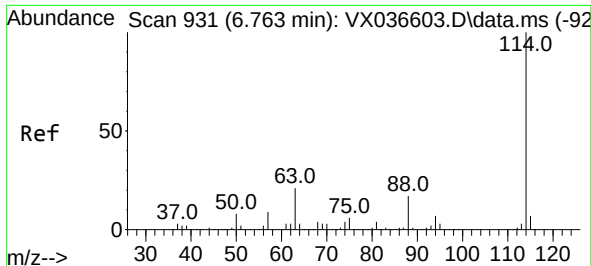
Tgt Ion:168 Resp: 121711
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.396 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

Tgt Ion: 65 Resp: 79952
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

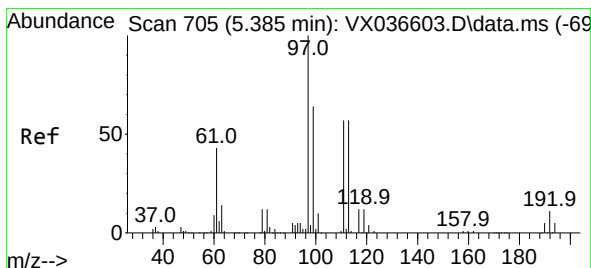
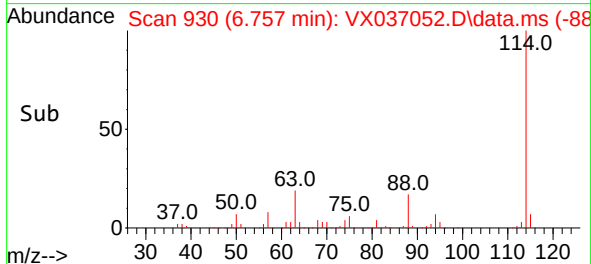
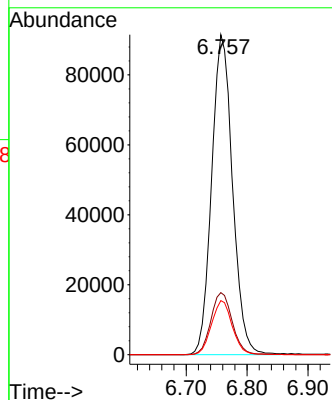
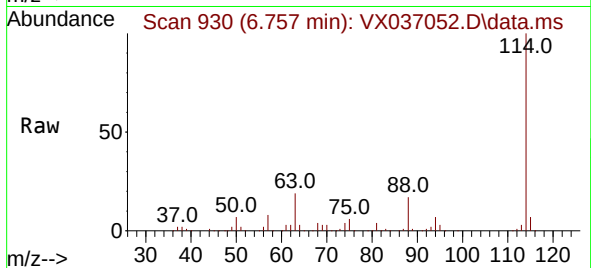




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

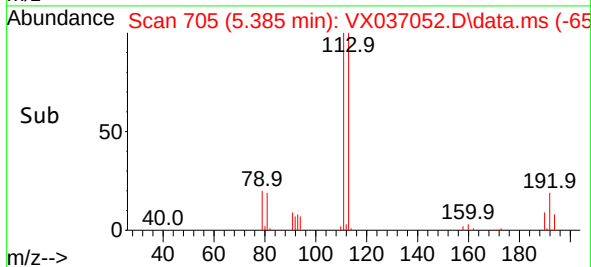
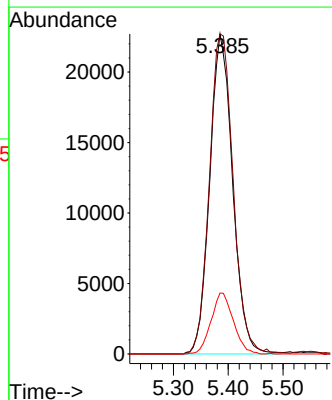
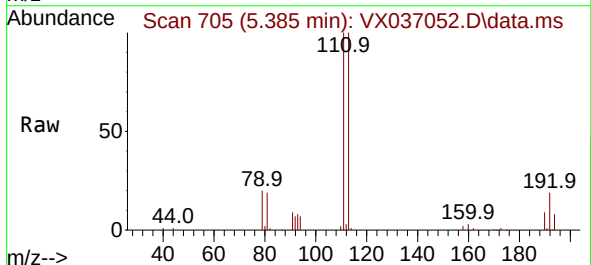
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47

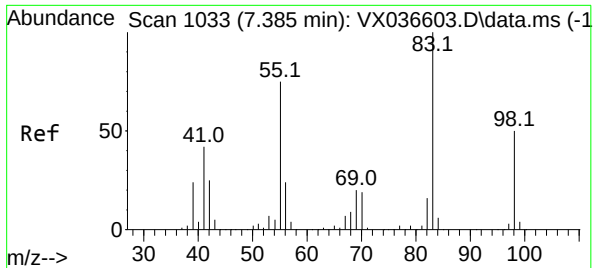
Tgt Ion:114 Resp: 217705
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

Tgt Ion:113 Resp: 65717
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.6 13.3 19.9





#39

Methylcyclohexane

Concen: 2.532 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX037052.D

Acq: 17 Aug 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z46-47

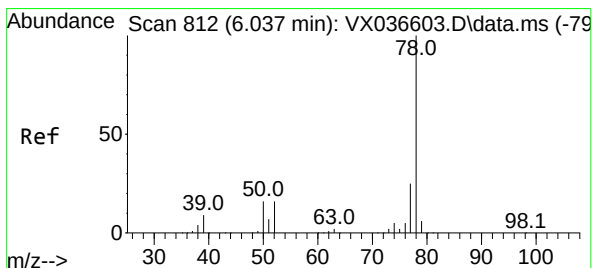
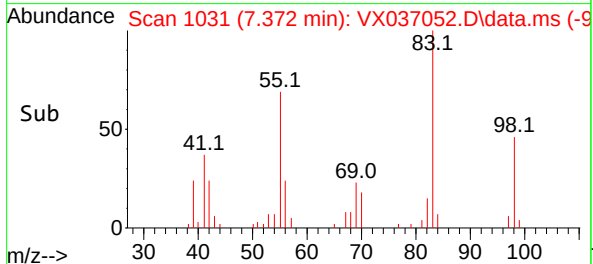
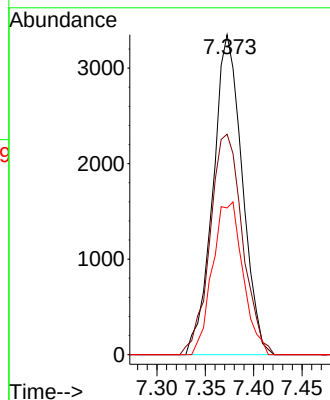
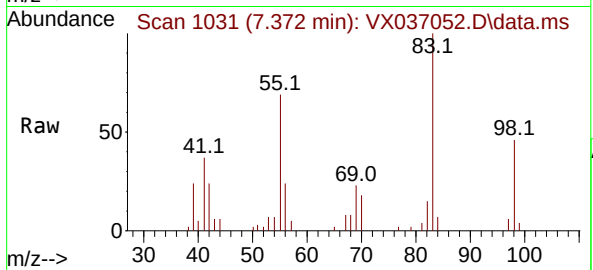
Tgt Ion: 83 Resp: 7023

Ion Ratio Lower Upper

83 100

55 68.9 64.6 97.0

98 45.8 36.7 55.1



#40

Benzene

Concen: 19.047 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX037052.D

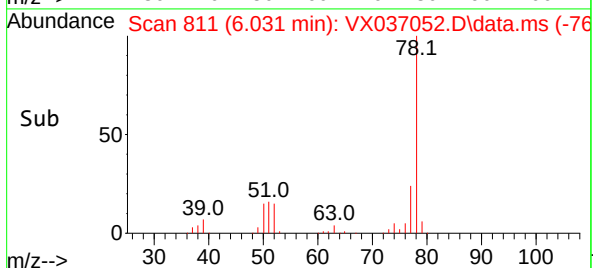
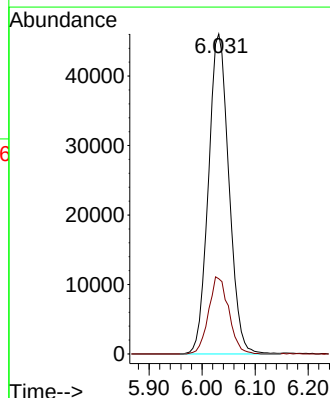
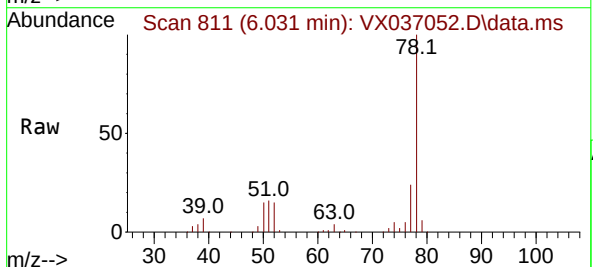
Acq: 17 Aug 2023 10:23

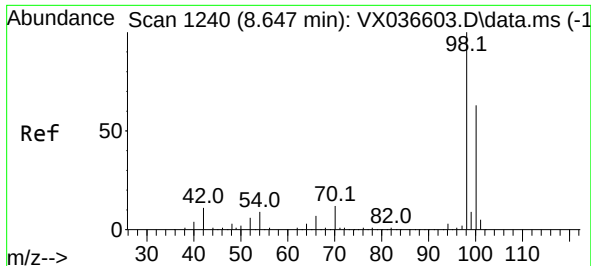
Tgt Ion: 78 Resp: 123596

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

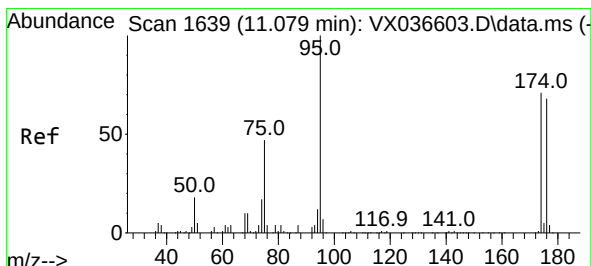
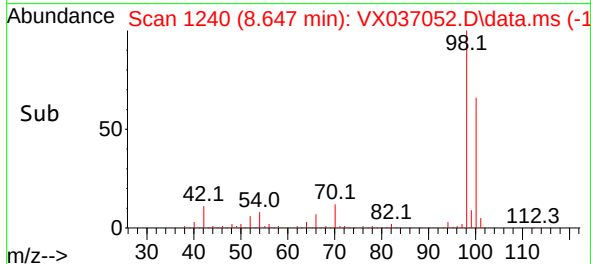
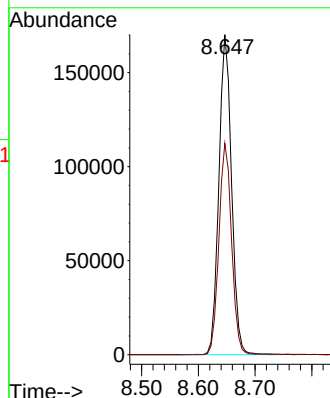
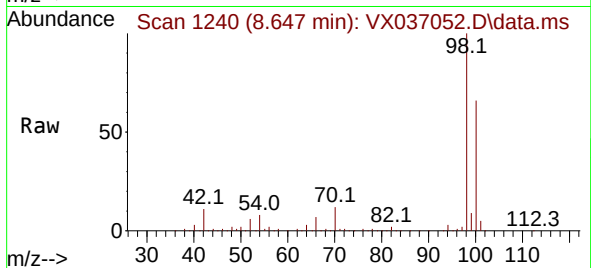




#50
Toluene-d8
Concen: 49.796 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

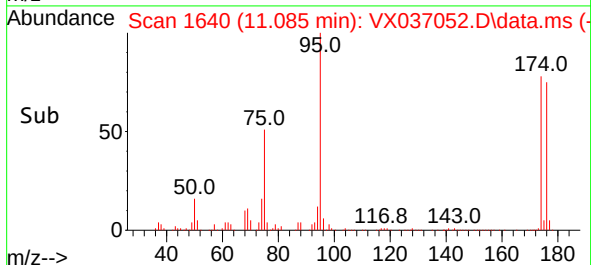
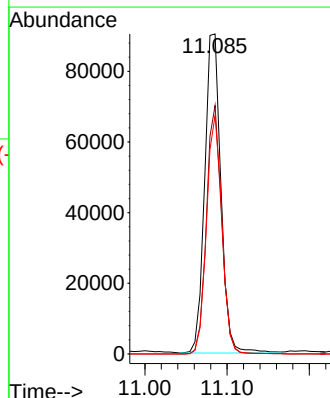
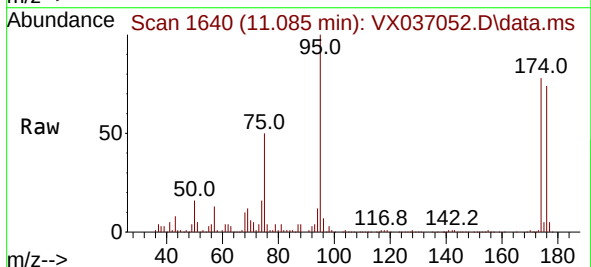
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47

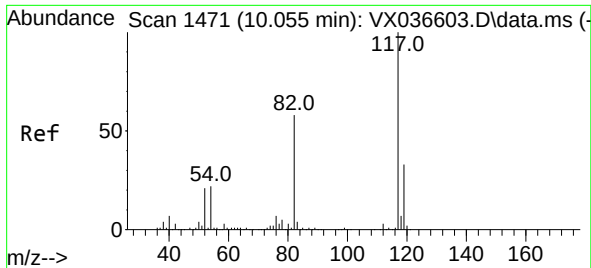
Tgt Ion: 98 Resp: 264243
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 61.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

Tgt Ion: 95 Resp: 123801
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.8 0.0 131.0

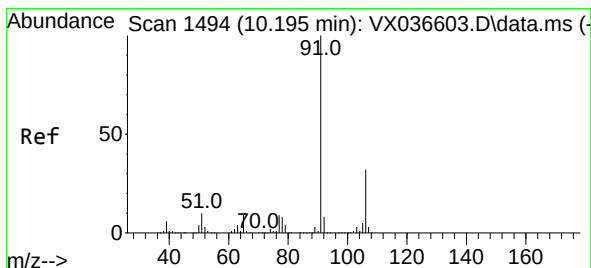
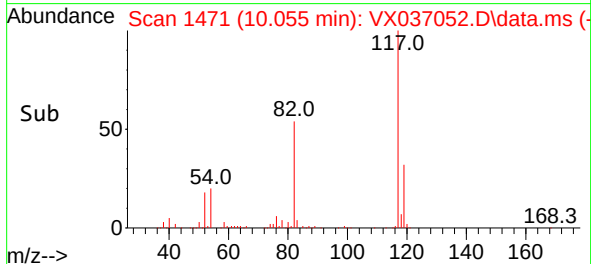
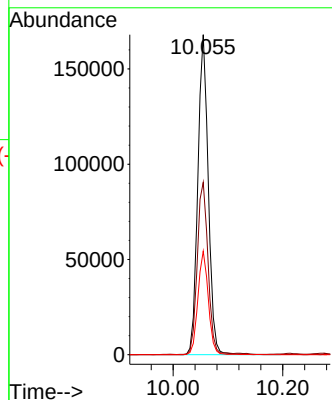
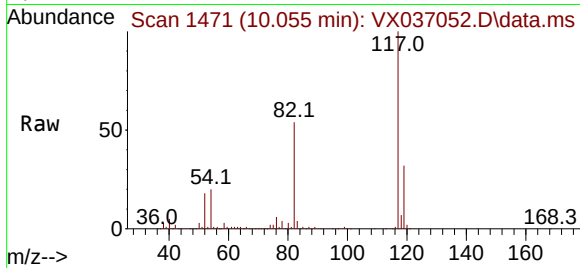




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

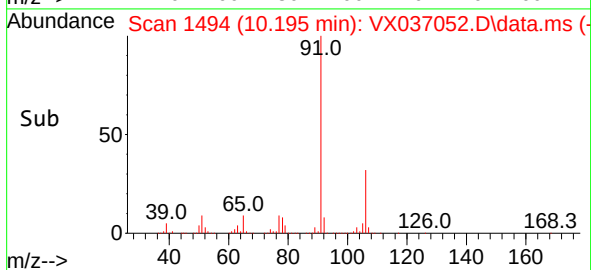
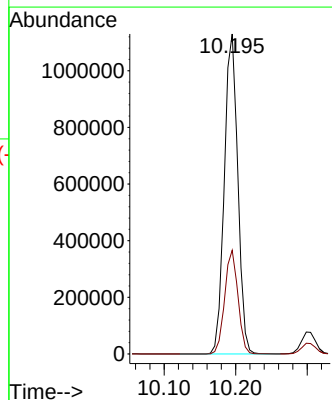
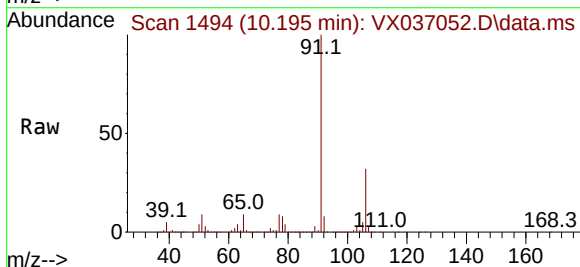
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47

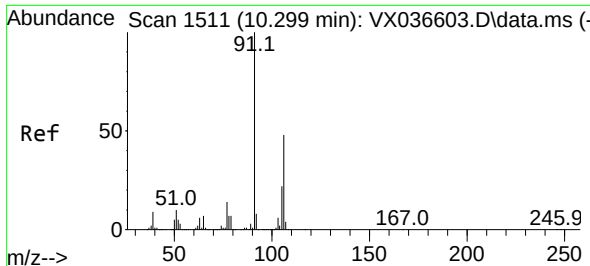
Tgt Ion:117 Resp: 223426
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 164.311 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

Tgt Ion: 91 Resp: 1478304
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

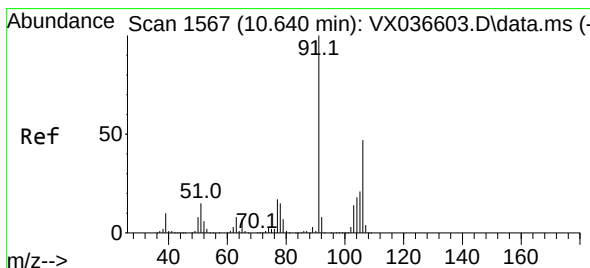
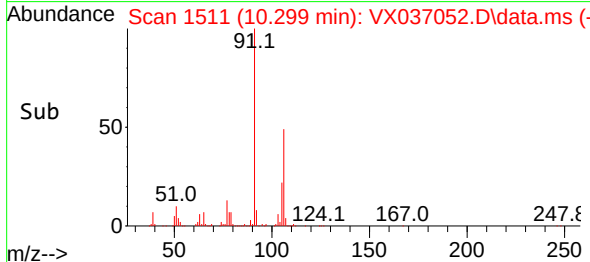
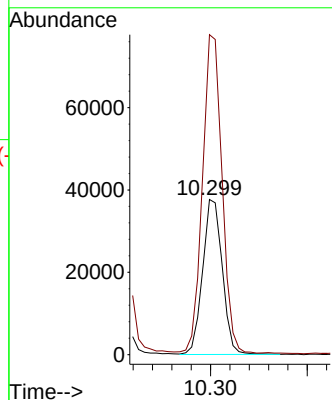
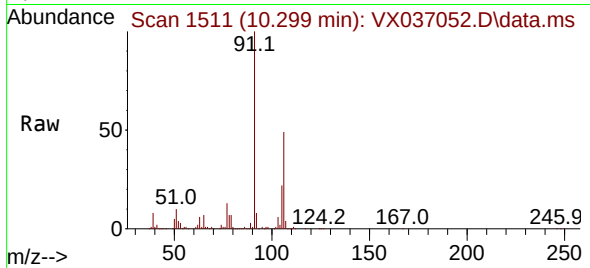




#68
m/p-Xylenes
Concen: 15.851 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

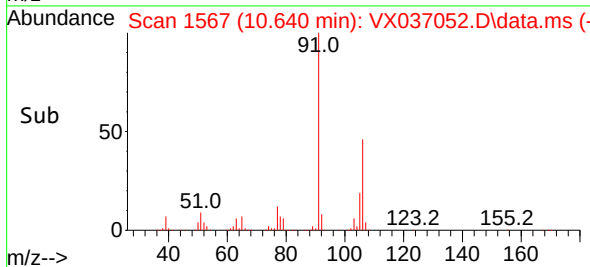
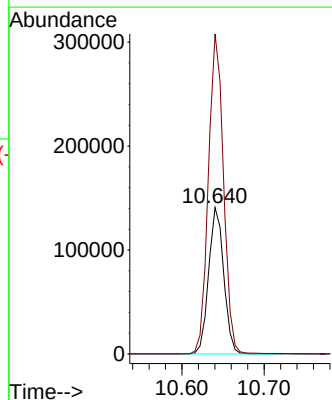
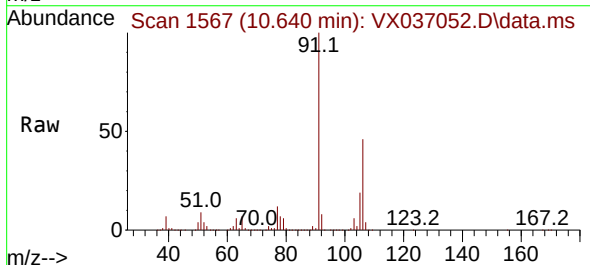
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NEVINS-SB02-Z46-47

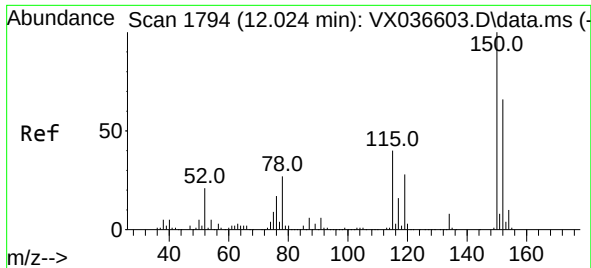
Tgt Ion:106 Resp: 53208
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3



#69
o-Xylene
Concen: 53.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

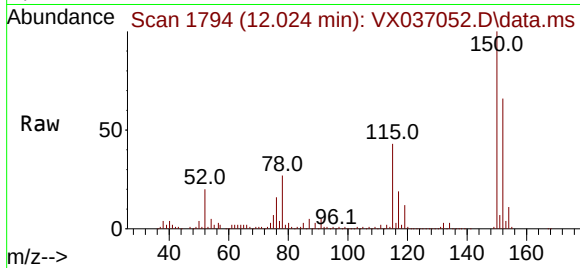
Tgt Ion:106 Resp: 179643
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8



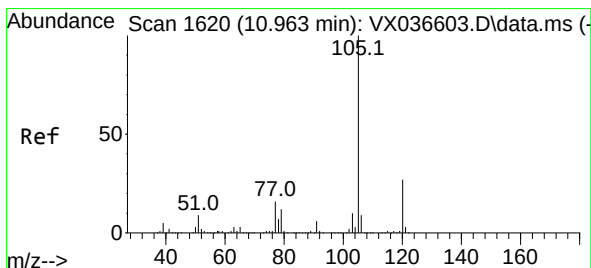
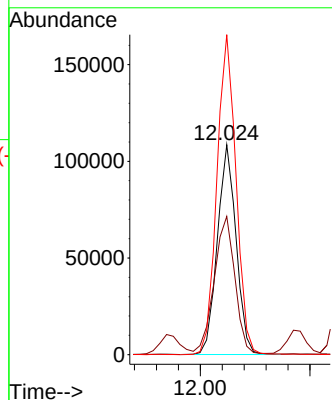
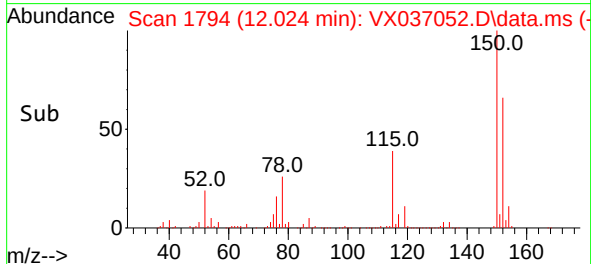


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

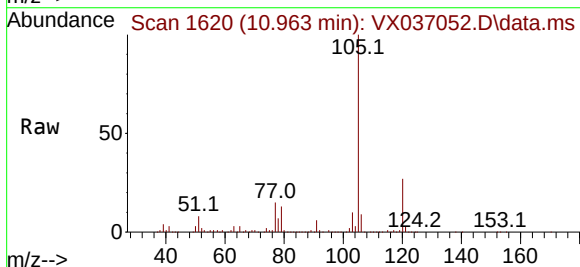
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47



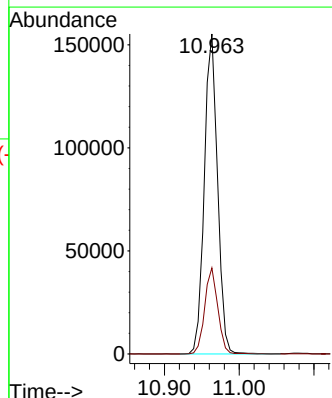
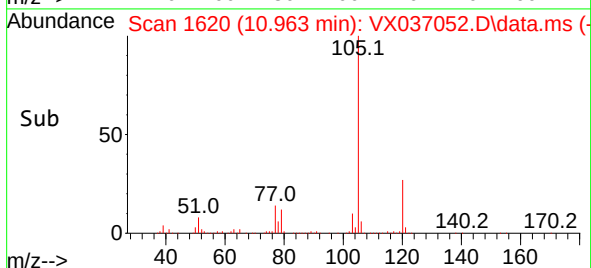
Tgt Ion:152 Resp: 128846
Ion Ratio Lower Upper
152 100
115 71.6 43.3 129.9
150 155.6 0.0 345.0

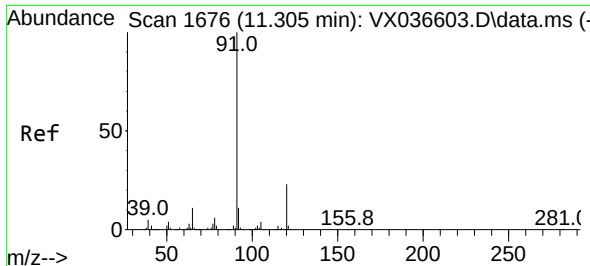


#73
Isopropylbenzene
Concen: 17.883 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23



Tgt Ion:105 Resp: 190690
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

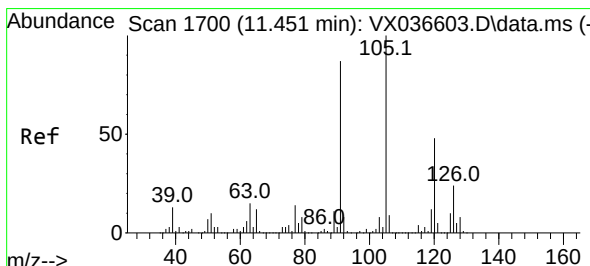
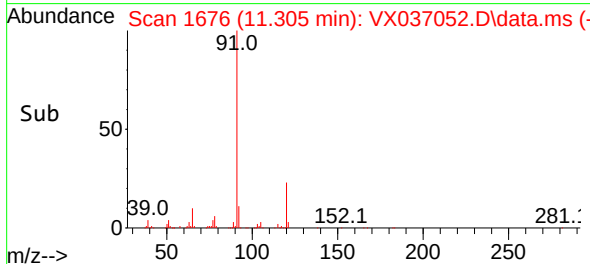
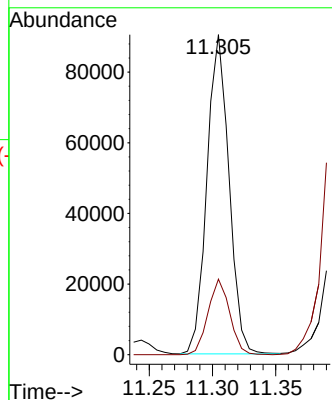
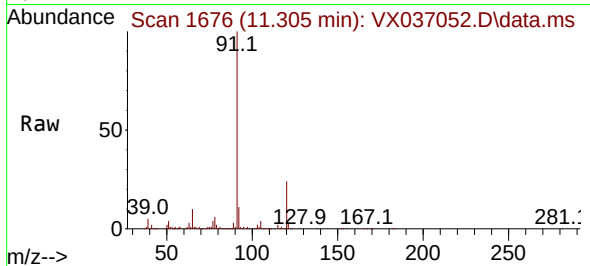




#78
n-propylbenzene
Concen: 8.884 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

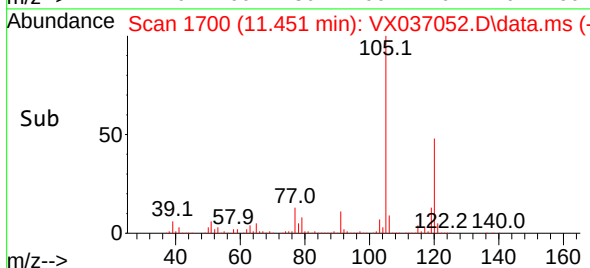
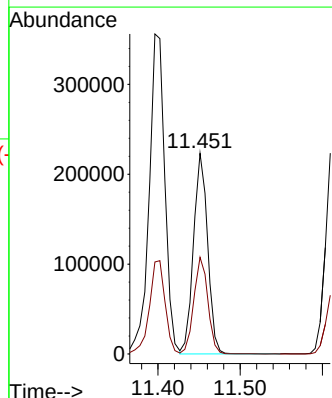
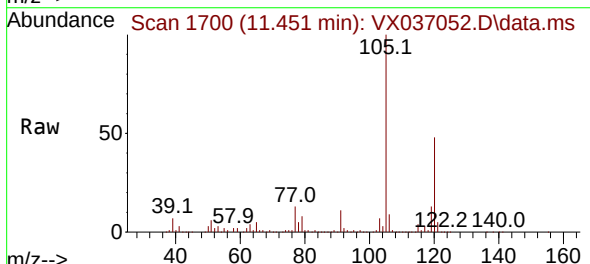
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z46-47

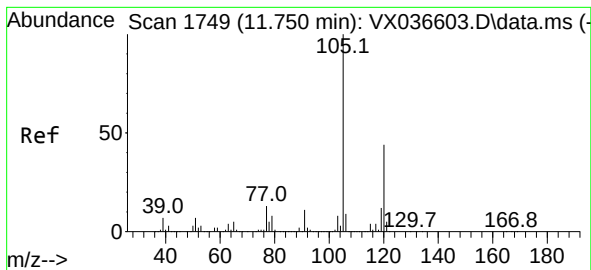
Tgt Ion: 91 Resp: 109557
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 29.908 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037052.D
Acq: 17 Aug 2023 10:23

Tgt Ion: 105 Resp: 266791
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 106.351 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037052.D

Acq: 17 Aug 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

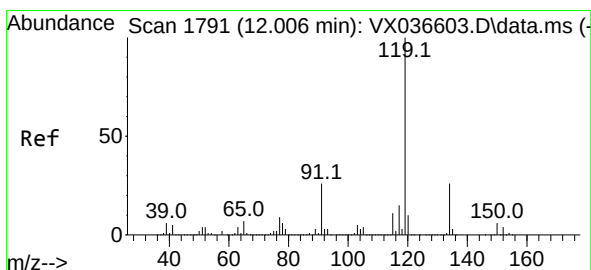
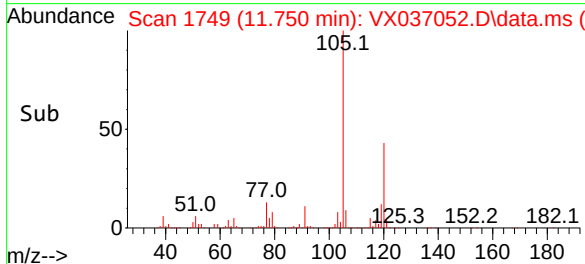
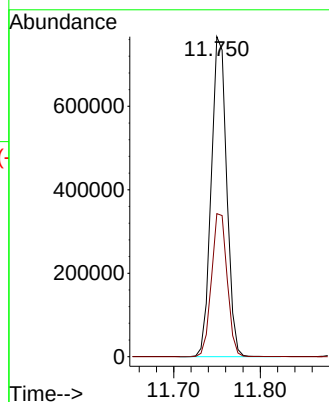
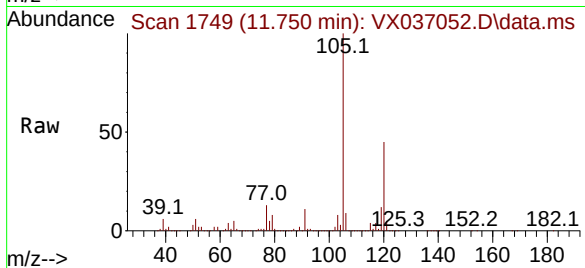
NEVINS-SB02-Z46-47

Tgt Ion:105 Resp: 948785

Ion Ratio Lower Upper

105 100

120 45.3 21.2 63.6



#86

p-Isopropyltoluene

Concen: 13.662 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037052.D

Acq: 17 Aug 2023 10:23

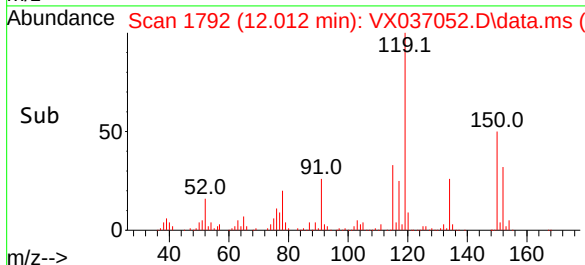
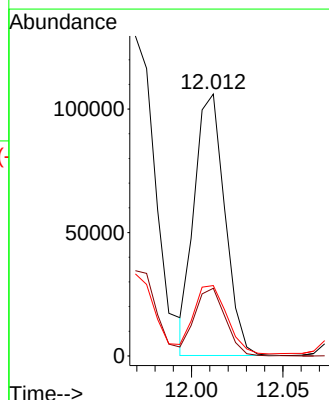
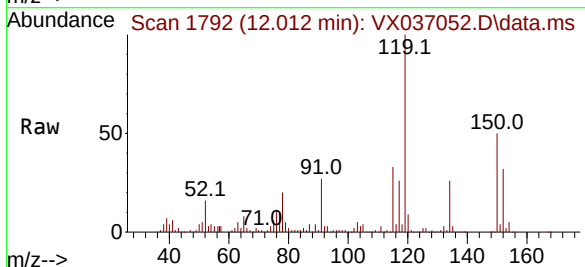
Tgt Ion:119 Resp: 122856

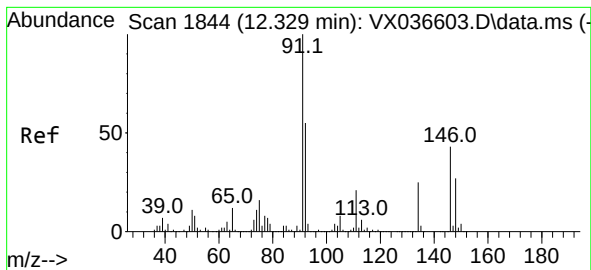
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.3

91 28.7 13.1 39.3





#89

n-Butylbenzene

Concen: 26.854 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX037052.D

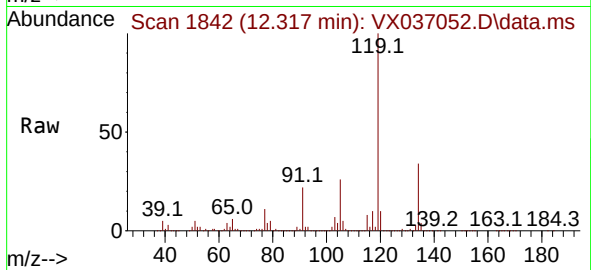
Acq: 17 Aug 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z46-47



Tgt Ion: 91 Resp: 216179

Ion Ratio Lower Upper

91 100

92 17.7 27.4 82.0#

134 143.0 12.6 37.8#

