

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037044.D
 Acq On : 17 Aug 2023 07:11
 Operator : JC/MD
 Sample : 03975-03 10X
 Misc : 7.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB03-Z46-47

Quant Time: Aug 17 08:01:07 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)

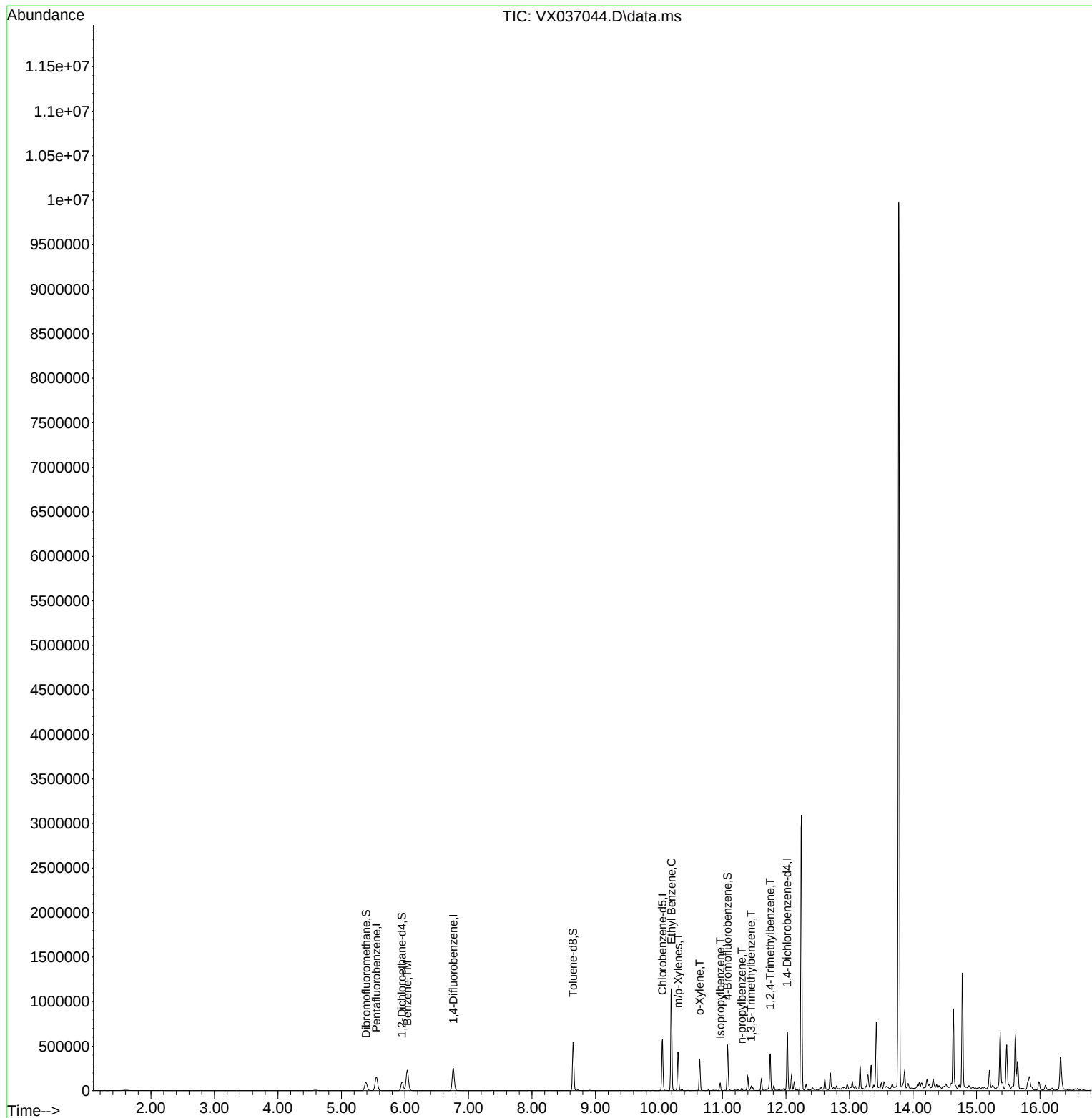
Internal Standards						
1) Pentafluorobenzene	5.550	168	143064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99476	46.993	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.385	113	82920	45.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	323777	50.235	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	134749	55.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.820%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	286431	36.342	ug/l	98
67) Ethyl Benzene	10.195	91	663231	62.739	ug/l	98
68) m/p-Xylenes	10.299	106	99587	25.249	ug/l	100
69) o-Xylene	10.640	106	73580	18.689	ug/l	99
73) Isopropylbenzene	10.964	105	43435	4.041	ug/l	100
78) n-propylbenzene	11.305	91	17946	1.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19727	2.194	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	174894	19.448	ug/l	97

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

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Response via : Initial Calibration

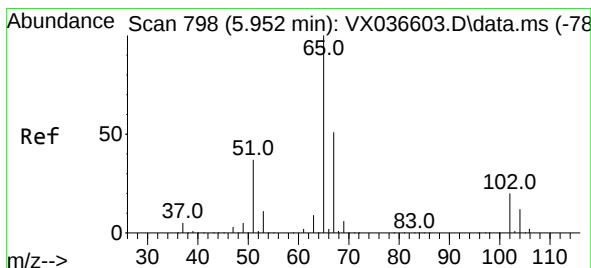
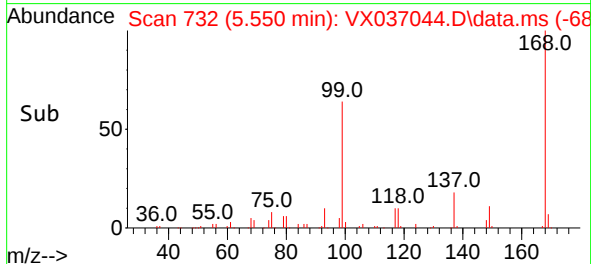
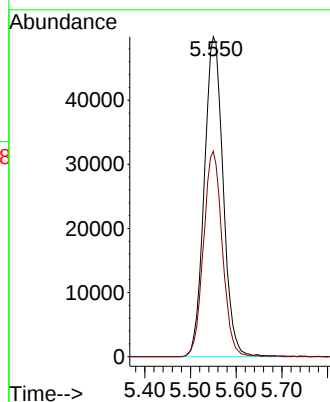
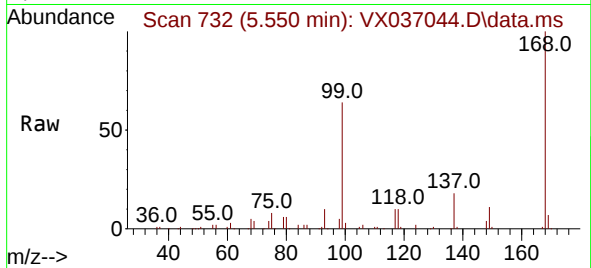




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.000 min
 Lab File: VX037044.D
 Acq: 17 Aug 2023 07:11

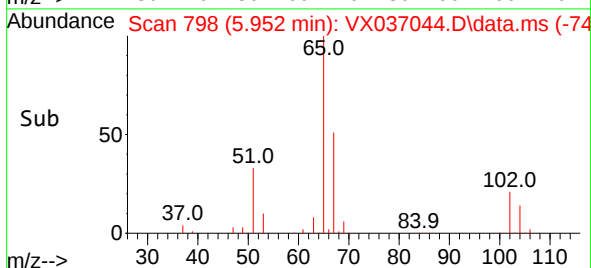
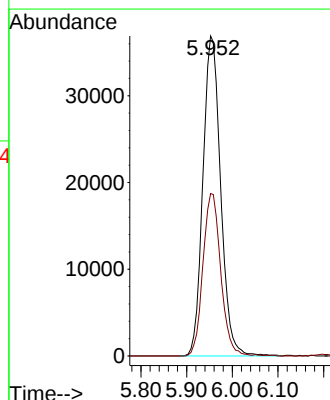
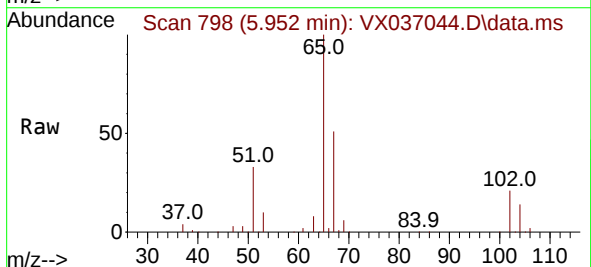
Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB03-Z46-47

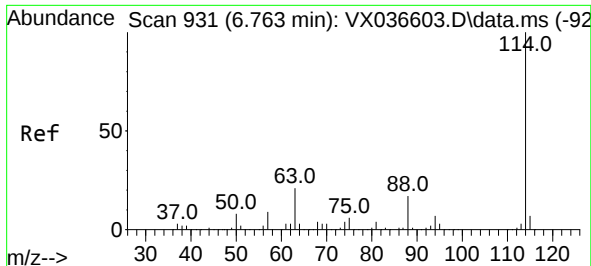
Tgt Ion:168 Resp: 143064
 Ion Ratio Lower Upper
 168 100
 99 64.2 56.6 85.0



#33
 1,2-Dichloroethane-d4
 Concen: 46.993 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX037044.D
 Acq: 17 Aug 2023 07:11

Tgt Ion: 65 Resp: 99476
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2

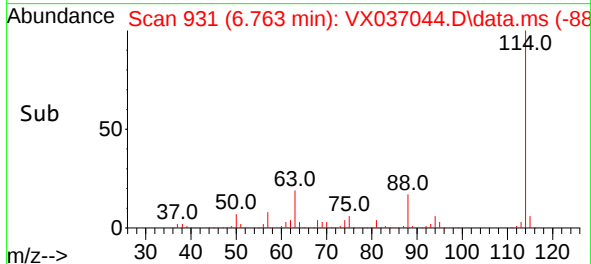
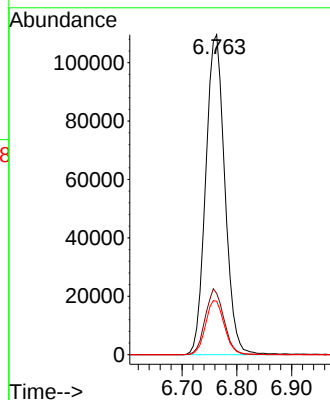
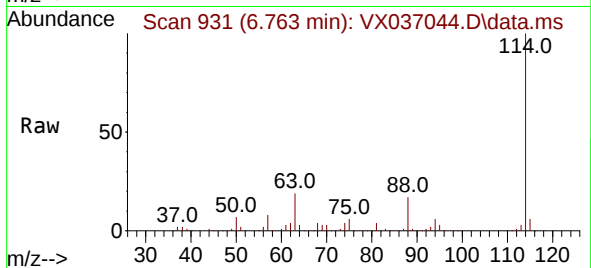




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

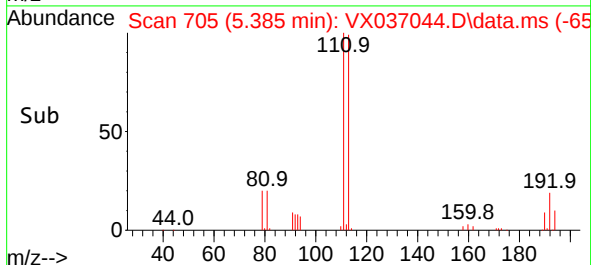
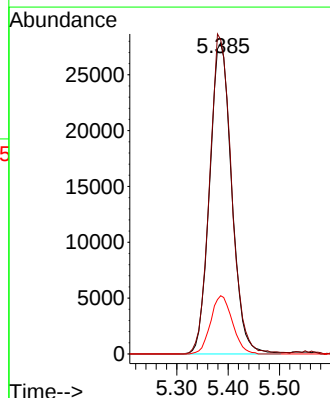
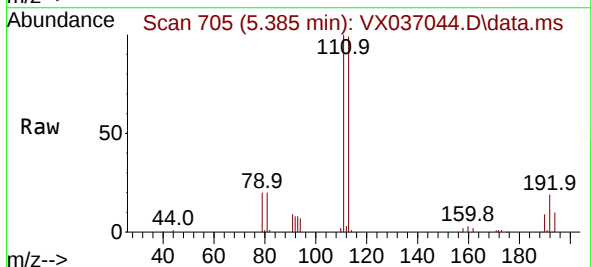
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z46-47

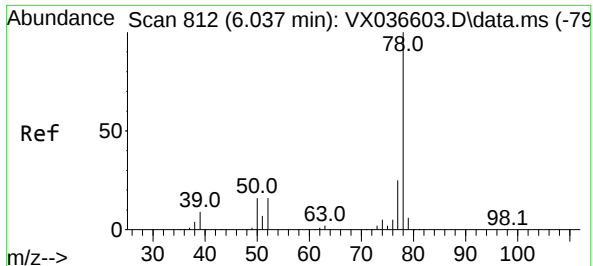
Tgt Ion:114 Resp: 264423
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.623 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

Tgt Ion:113 Resp: 82920
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.5 13.3 19.9

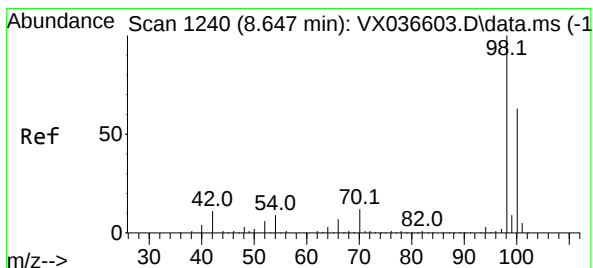
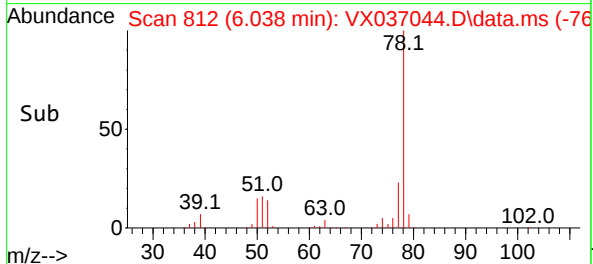
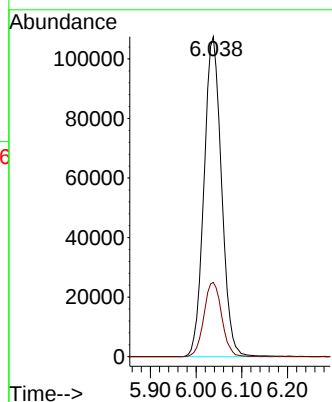
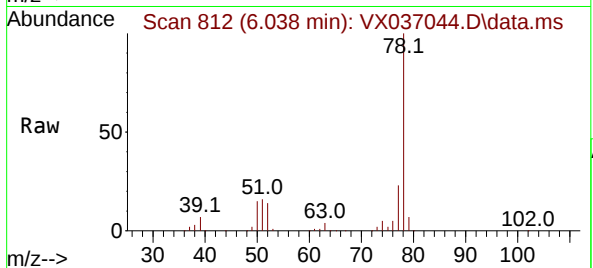




#40
Benzene
Concen: 36.342 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

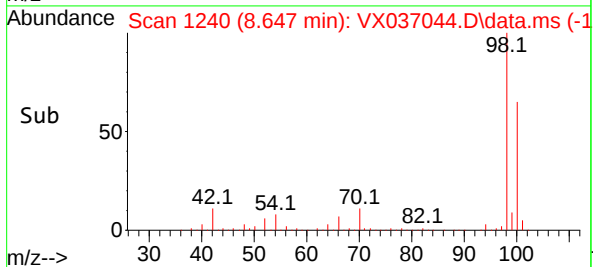
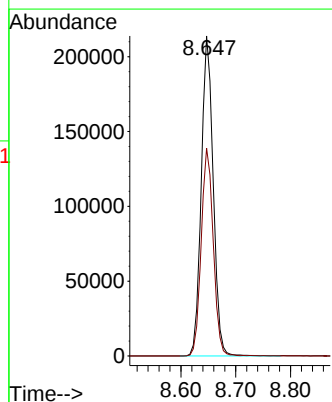
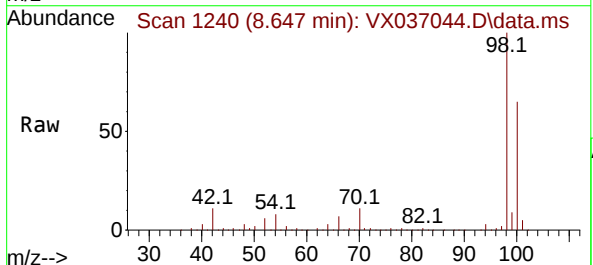
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z46-47

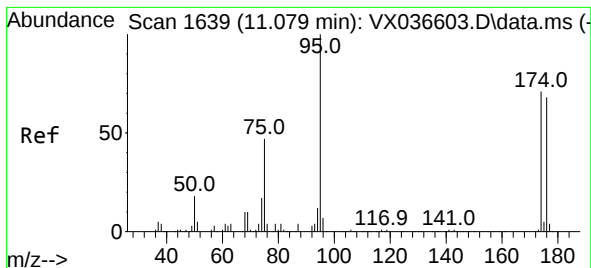
Tgt Ion: 78 Resp: 286431
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



#50
Toluene-d8
Concen: 50.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

Tgt Ion: 98 Resp: 323777
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 55.414 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037044.D

Acq: 17 Aug 2023 07:11

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB03-Z46-47

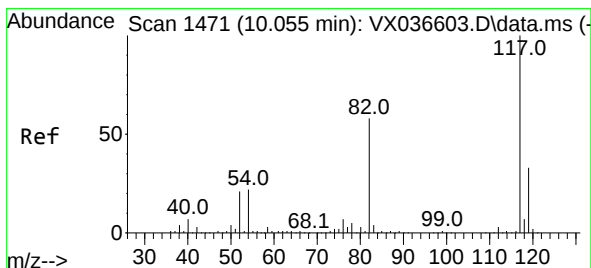
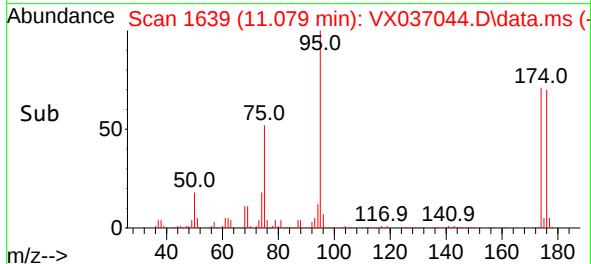
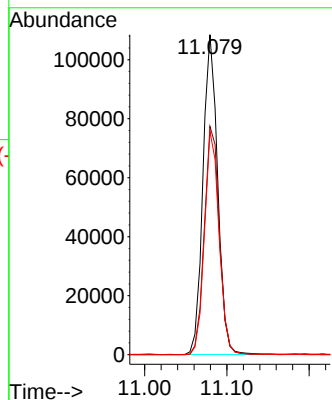
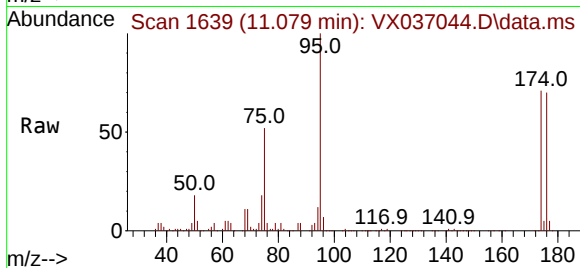
Tgt Ion: 95 Resp: 134749

Ion Ratio Lower Upper

95 100

174 73.2 0.0 135.6

176 69.4 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: VX037044.D

Acq: 17 Aug 2023 07:11

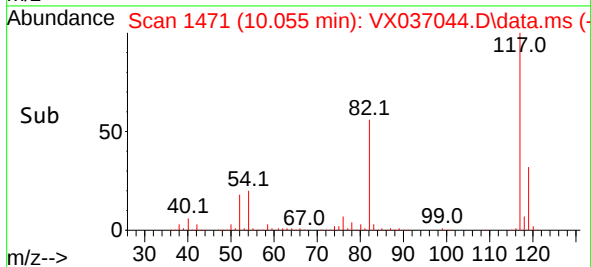
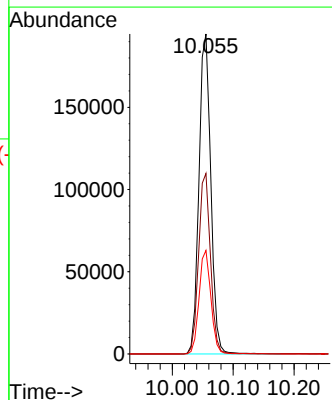
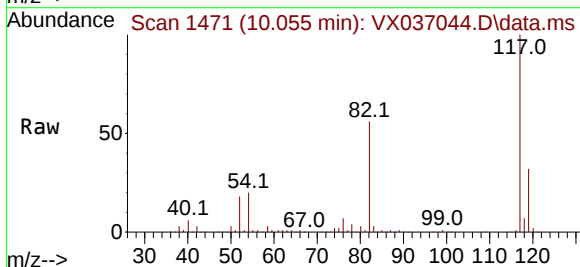
Tgt Ion: 117 Resp: 262523

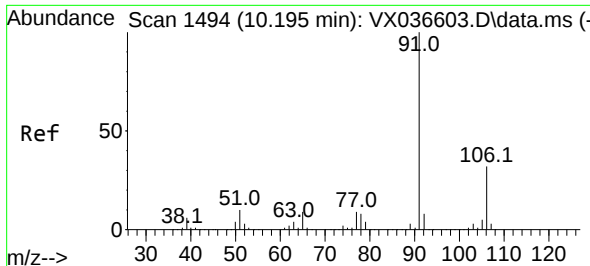
Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 32.3 25.5 38.3

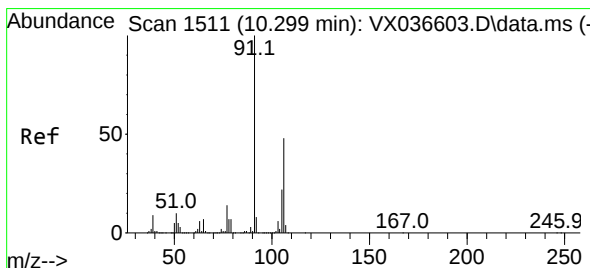
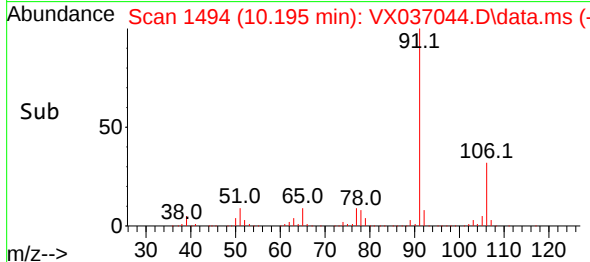
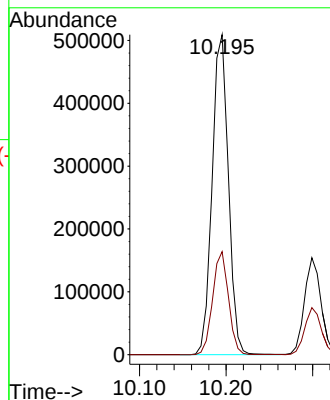
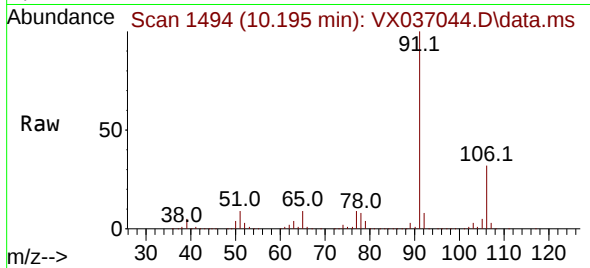




#67
Ethyl Benzene
Concen: 62.739 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

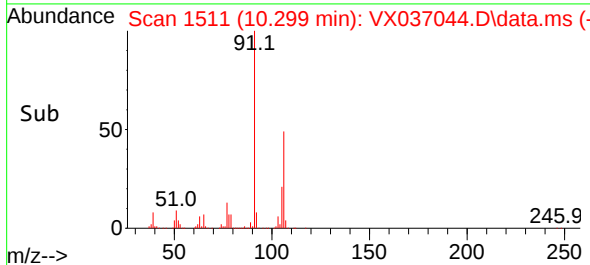
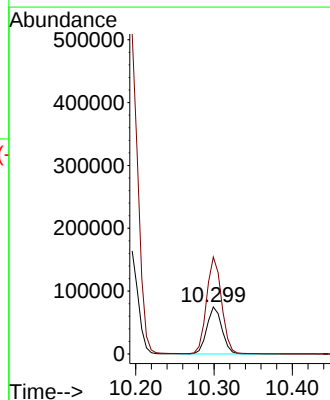
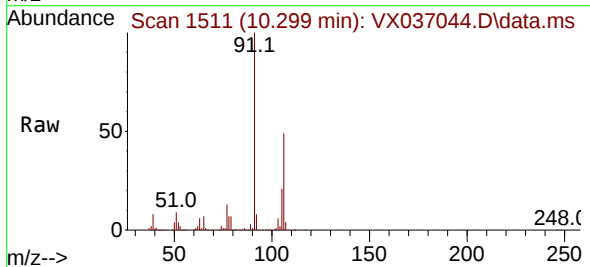
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NEVINS-SB03-Z46-47

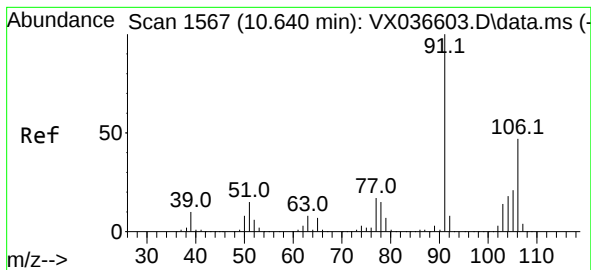
Tgt Ion: 91 Resp: 663231
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 25.249 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

Tgt Ion: 106 Resp: 99587
Ion Ratio Lower Upper
106 100
91 206.4 165.5 248.3





#69

o-Xylene

Concen: 18.689 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037044.D

Acq: 17 Aug 2023 07:11

Instrument :

MSVOA_X

ClientSampleId :

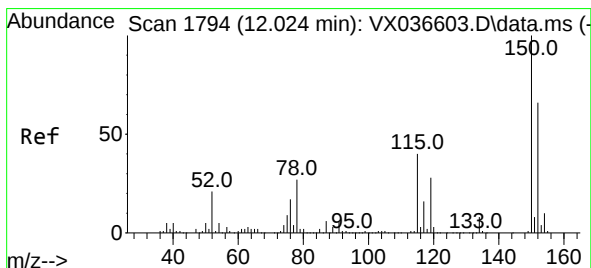
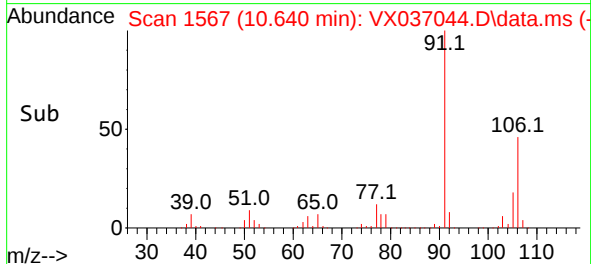
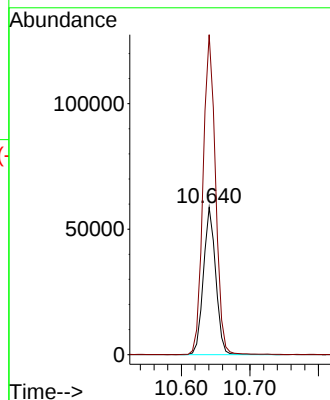
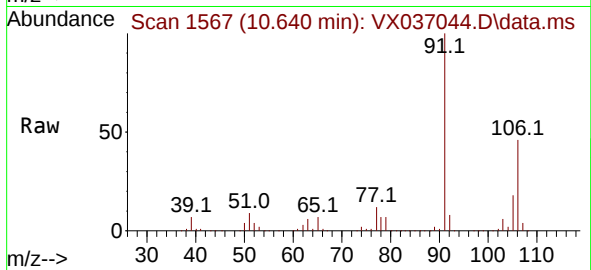
NEVINS-SB03-Z46-47

Tgt Ion:106 Resp: 73580

Ion Ratio Lower Upper

106 100

91 220.3 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX037044.D

Acq: 17 Aug 2023 07:11

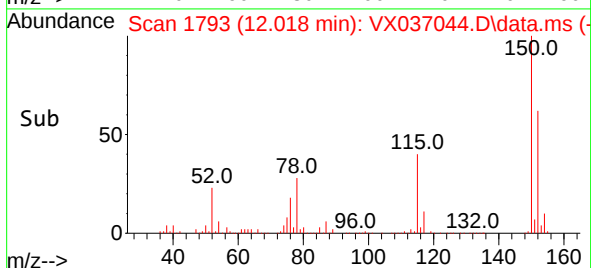
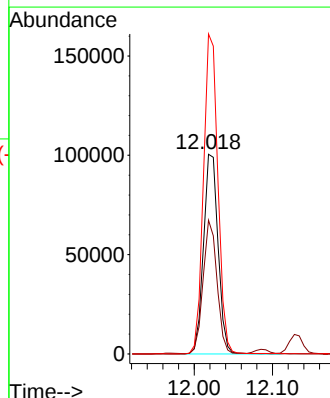
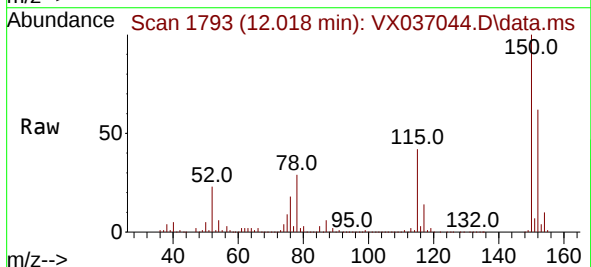
Tgt Ion:152 Resp: 129884

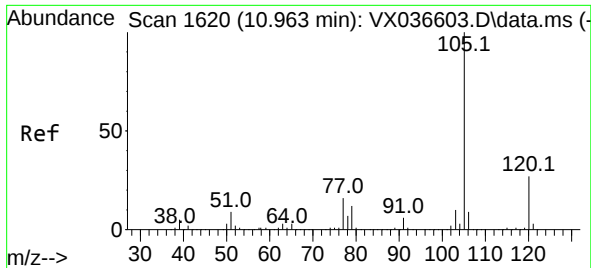
Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 158.2 0.0 345.0

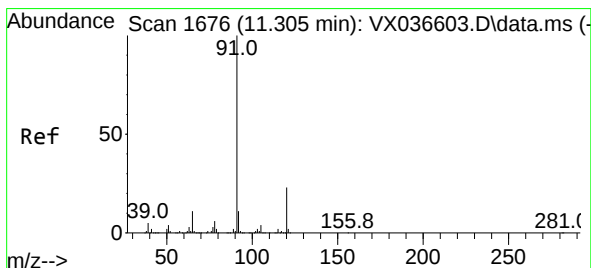
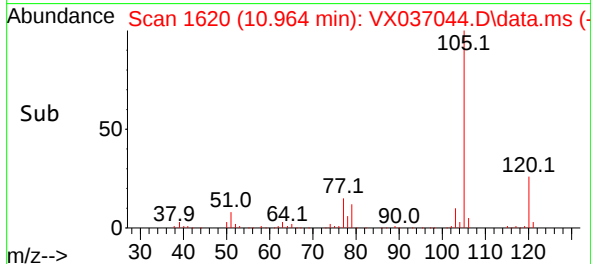
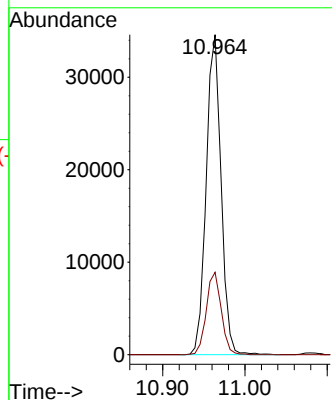
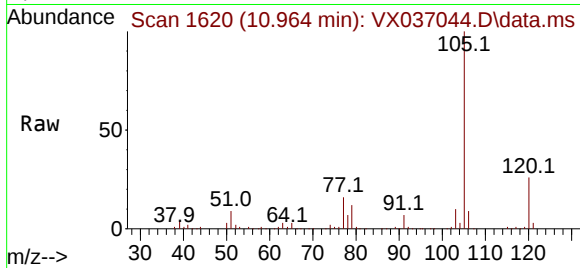




#73
Isopropylbenzene
Concen: 4.041 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

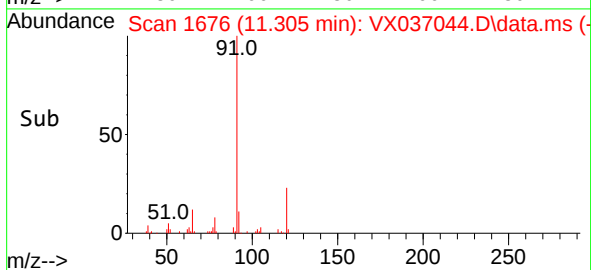
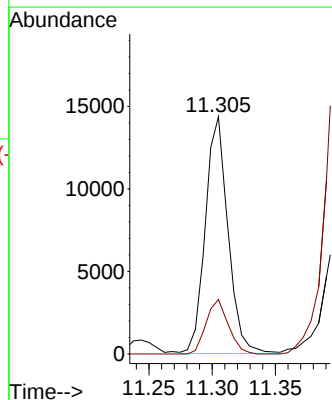
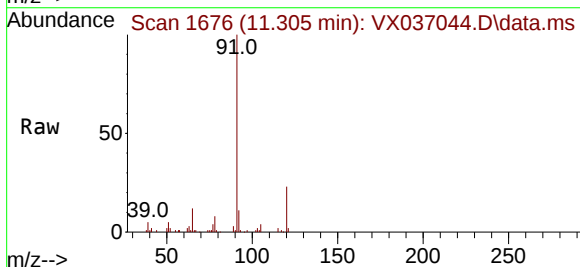
Instrument :
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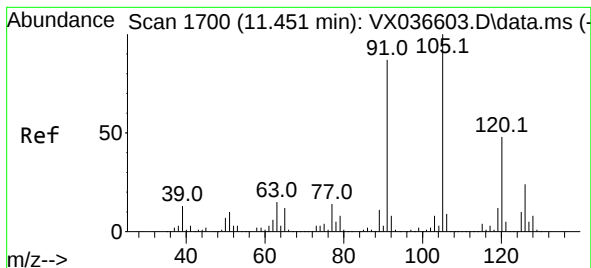
Tgt Ion:105 Resp: 43435
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#78
n-propylbenzene
Concen: 1.444 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037044.D
Acq: 17 Aug 2023 07:11

Tgt Ion: 91 Resp: 17946
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.194 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037044.D

Acq: 17 Aug 2023 07:11

Instrument :

MSVOA_X

ClientSampleId :

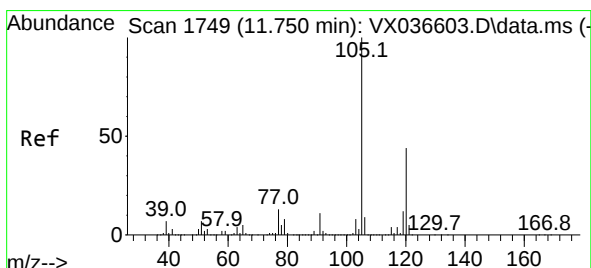
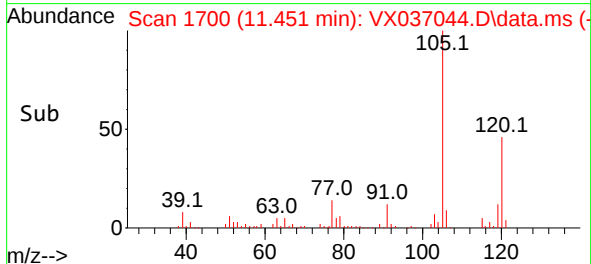
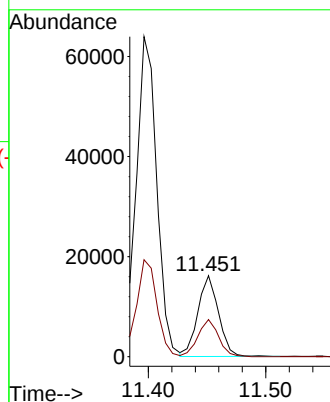
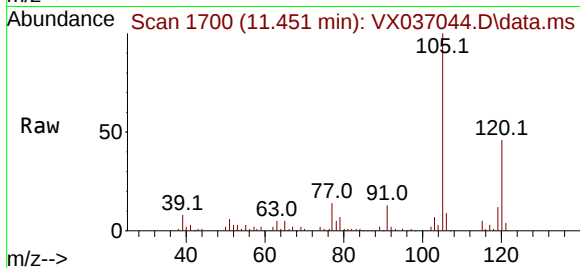
NEVINS-SB03-Z46-47

Tgt Ion:105 Resp: 19727

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 19.448 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037044.D

Acq: 17 Aug 2023 07:11

Tgt Ion:105 Resp: 174894

Ion Ratio Lower Upper

105 100

120 44.3 21.2 63.6

