

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037050.D
 Acq On : 17 Aug 2023 09:35
 Operator : JC/MD
 Sample : 03958-03
 Misc : 6.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z64-65

Quant Time: Aug 17 10:35:20 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)

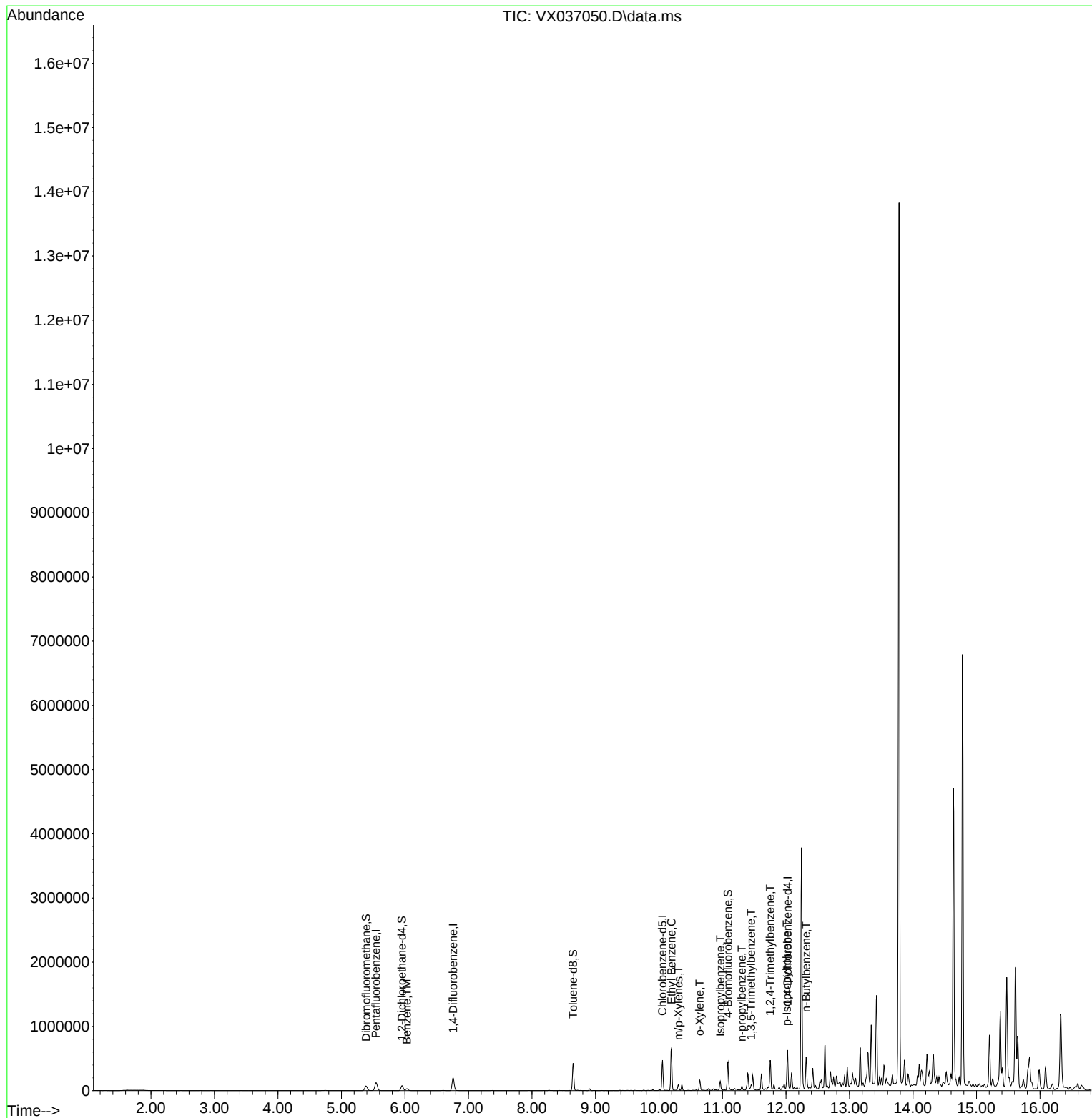
Internal Standards						
1) Pentafluorobenzene	5.544	168	118245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77367	44.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	64484	43.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.960%
50) Toluene-d8	8.647	98	256134	49.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.085	95	119155	60.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.480%
Target Compounds						
					Qvalue	
40) Benzene	6.031	78	36621	5.759	ug/l	99
67) Ethyl Benzene	10.195	91	393728	45.448	ug/l	98
68) m/p-Xylenes	10.305	106	20964	6.486	ug/l	97
69) o-Xylene	10.640	106	34764	10.775	ug/l	100
73) Isopropylbenzene	10.964	105	74477	7.419	ug/l	98
78) n-propylbenzene	11.305	91	40134	3.457	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	32343	3.851	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	201316	23.971	ug/l	96
86) p-Isopropyltoluene	12.012	119	29348	3.467	ug/l	96
89) n-Butylbenzene	12.317	91	56321	7.432	ug/l #	6

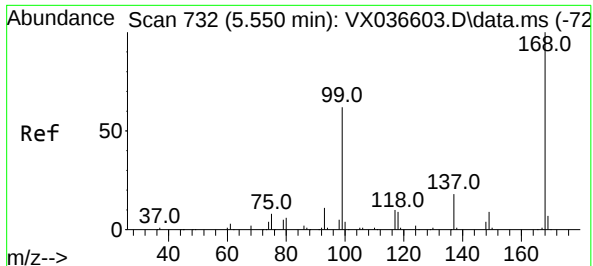
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB02-Z64-65

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Quant Title : SW846 8260
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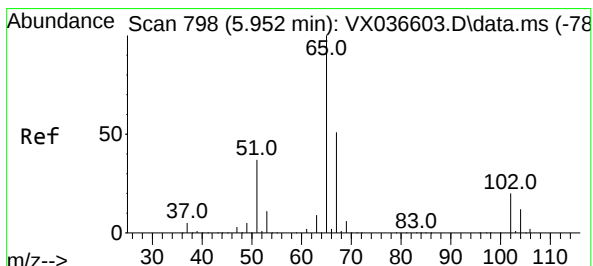
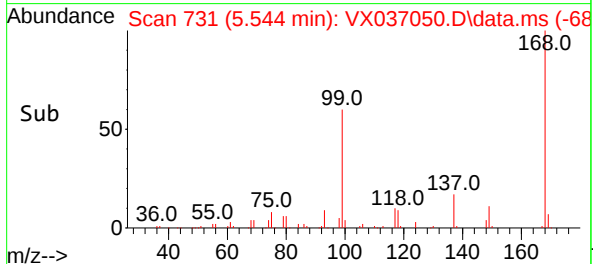
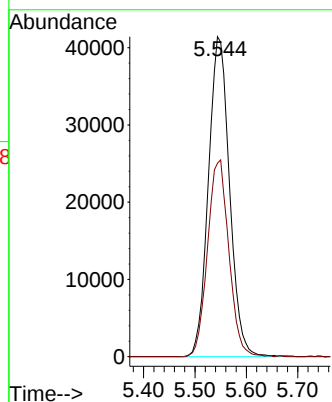
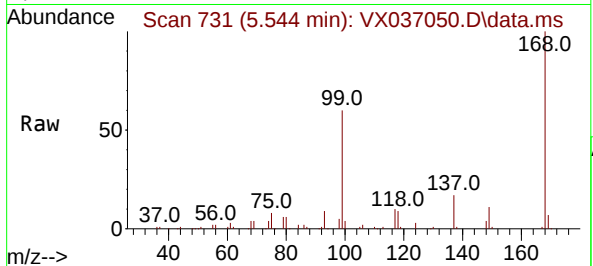




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

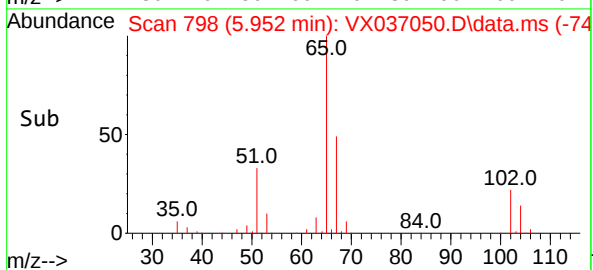
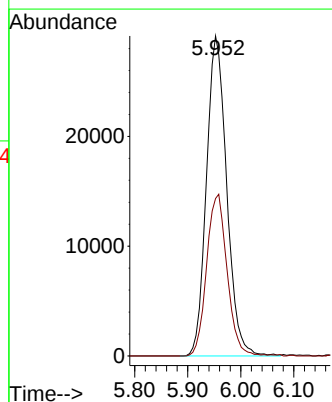
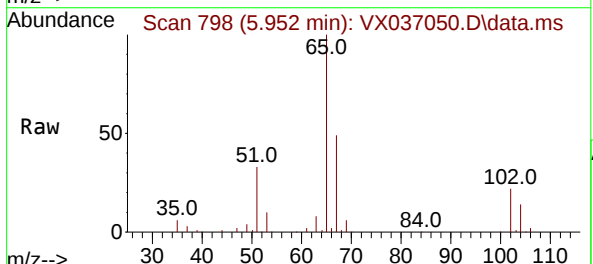
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

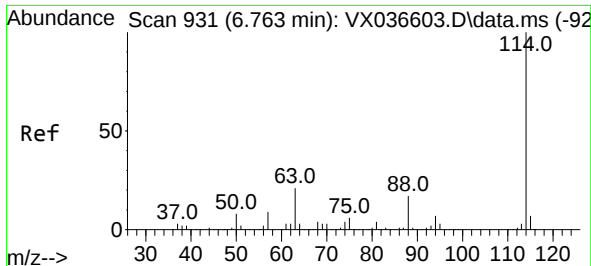
Tgt Ion:168 Resp: 118245
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.220 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

Tgt Ion: 65 Resp: 77367
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

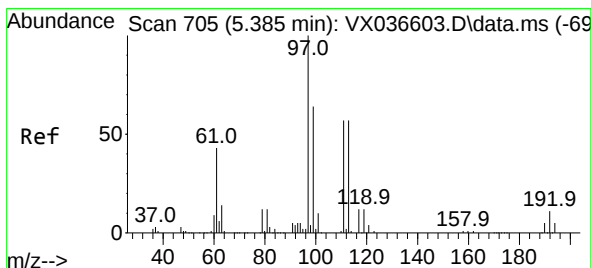
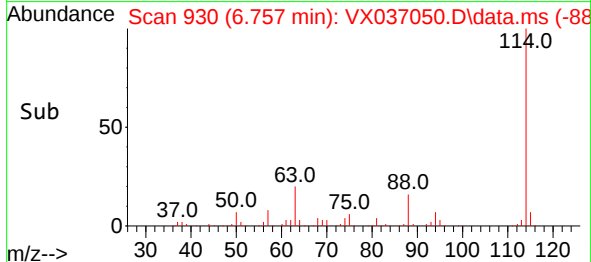
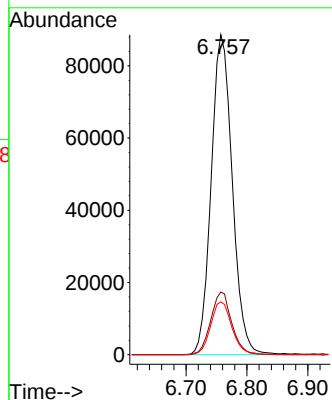
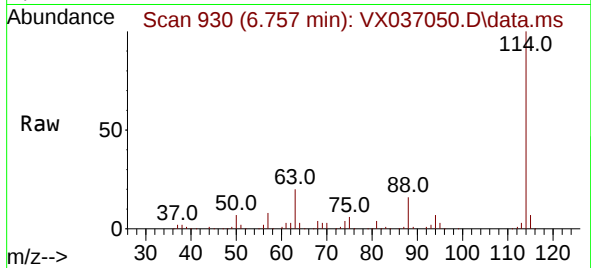




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

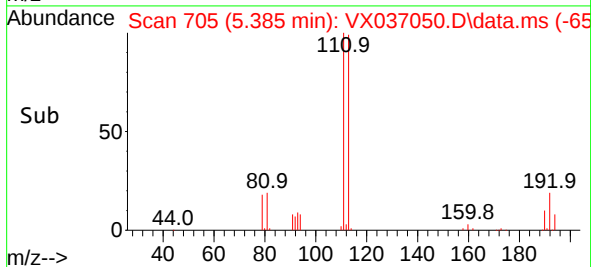
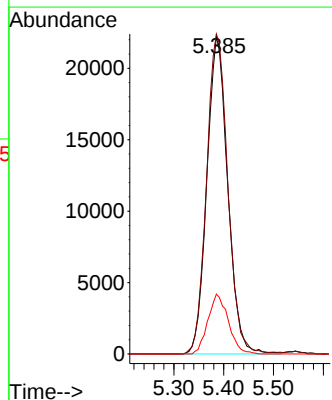
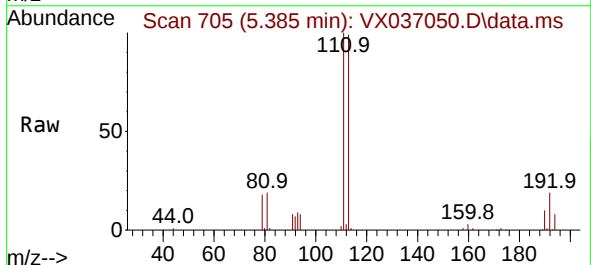
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

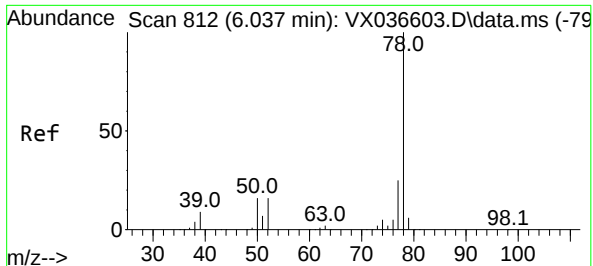
Tgt Ion:114 Resp: 213322
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.979 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

Tgt Ion:113 Resp: 64484
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.5 13.3 19.9





#40

Benzene

Concen: 5.759 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX037050.D

Acq: 17 Aug 2023 09:35

Instrument :

MSVOA_X

ClientSampleId :

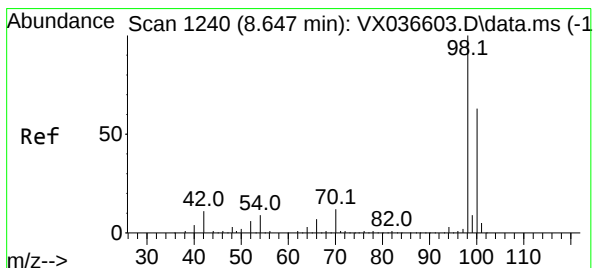
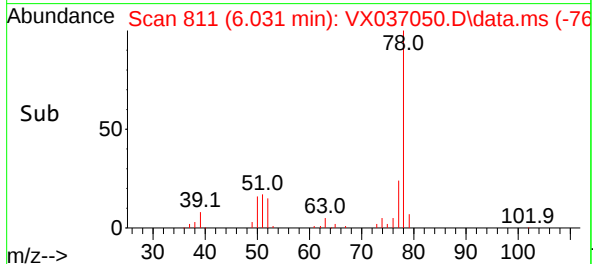
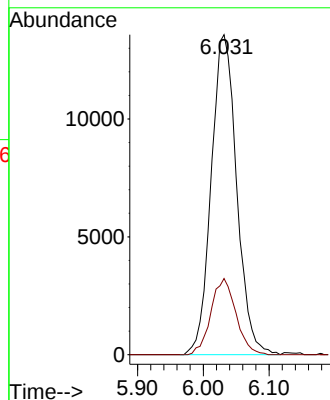
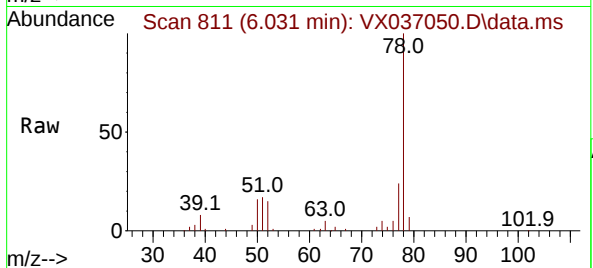
NEVINS-SB02-Z64-65

Tgt Ion: 78 Resp: 36621

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



#50

Toluene-d8

Concen: 49.260 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037050.D

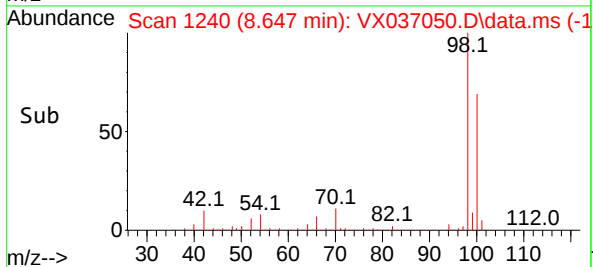
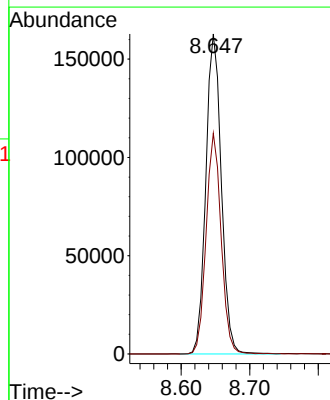
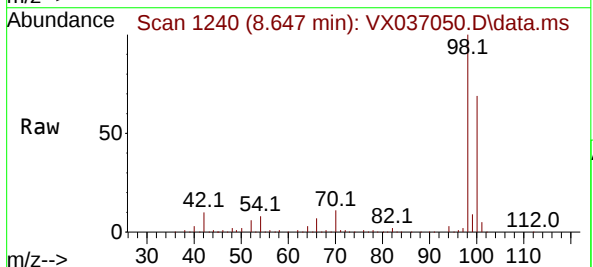
Acq: 17 Aug 2023 09:35

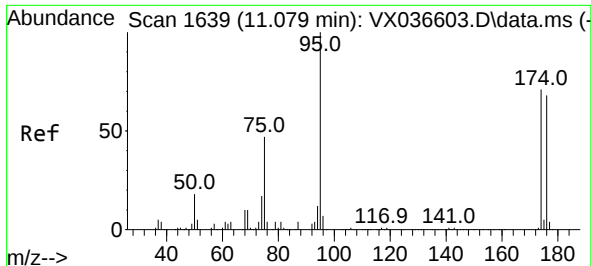
Tgt Ion: 98 Resp: 256134

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7

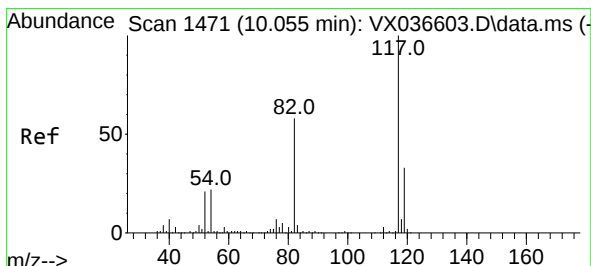
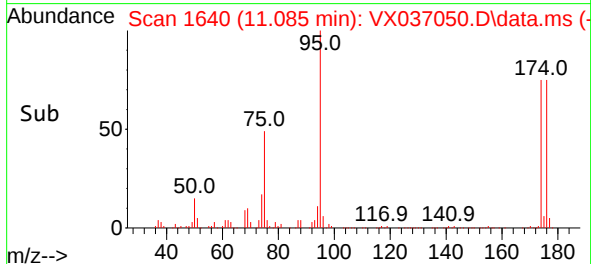
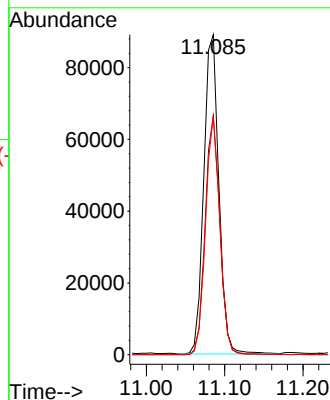
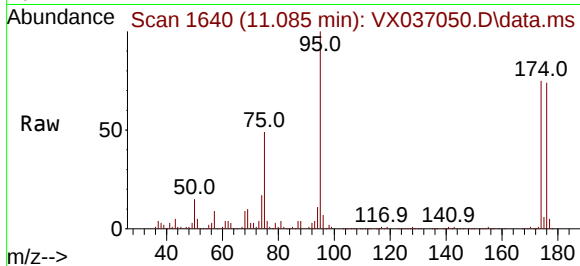




#62
4-Bromofluorobenzene
Concen: 60.739 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

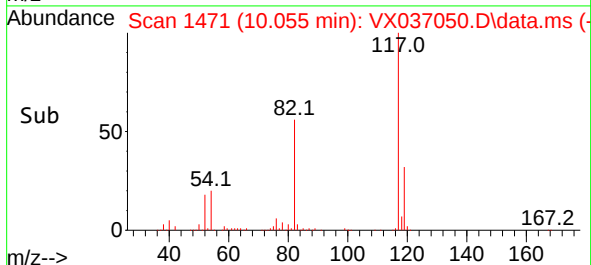
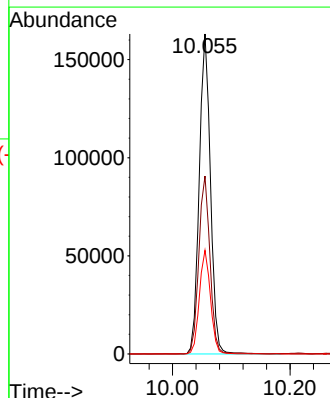
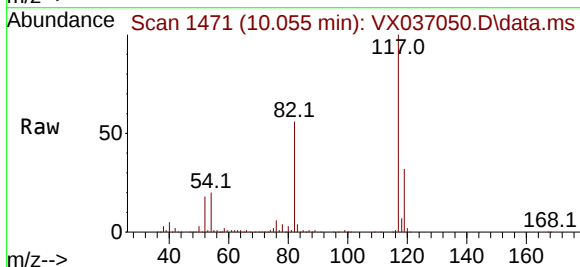
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

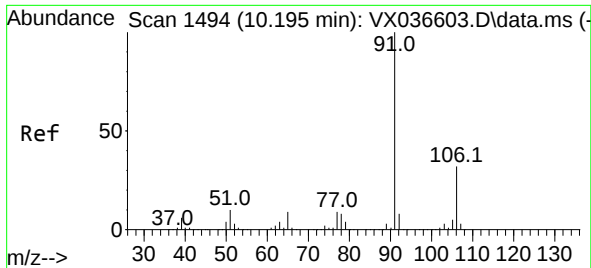
Tgt Ion: 95 Resp: 119155
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

Tgt Ion: 117 Resp: 215138
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.4 25.5 38.3

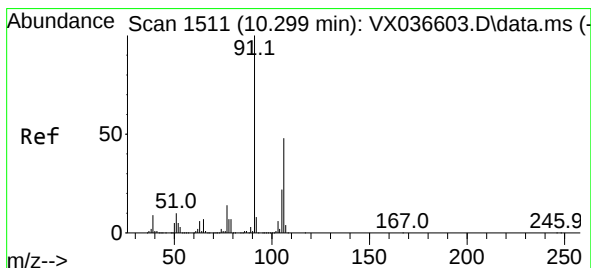
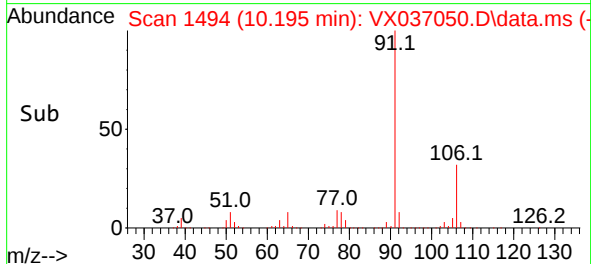
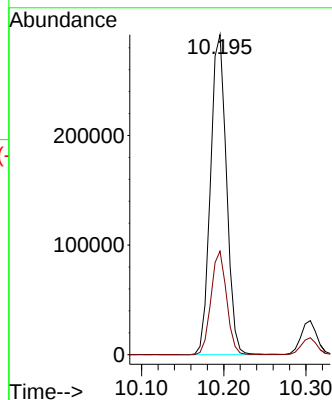
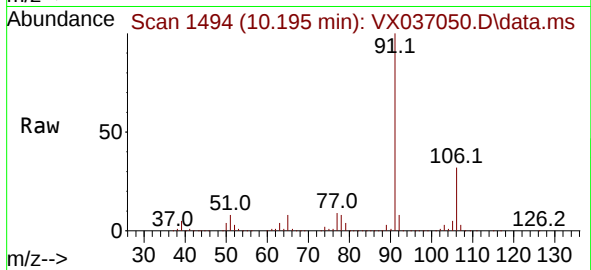




#67
Ethyl Benzene
Concen: 45.448 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

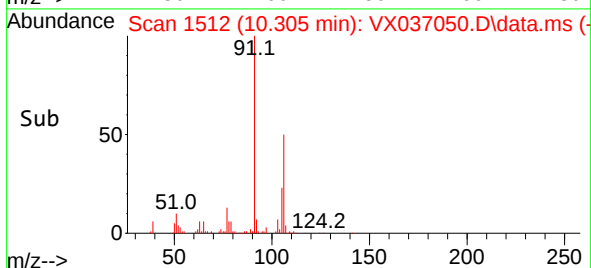
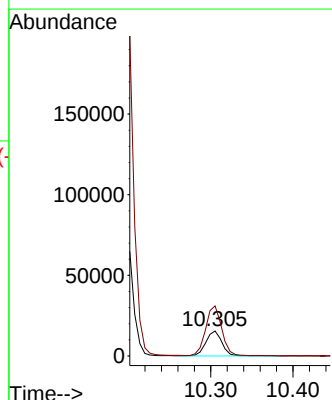
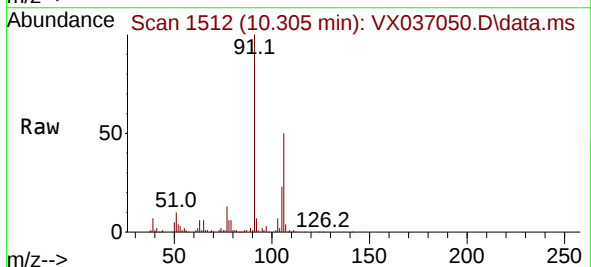
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

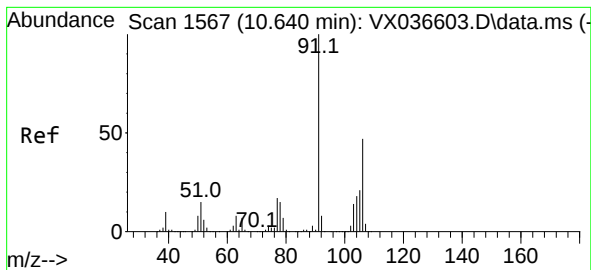
Tgt Ion: 91 Resp: 393728
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 6.486 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

Tgt Ion: 106 Resp: 20964
Ion Ratio Lower Upper
106 100
91 201.7 165.5 248.3





#69

o-Xylene

Concen: 10.775 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037050.D

Acq: 17 Aug 2023 09:35

Instrument :

MSVOA_X

ClientSampleId :

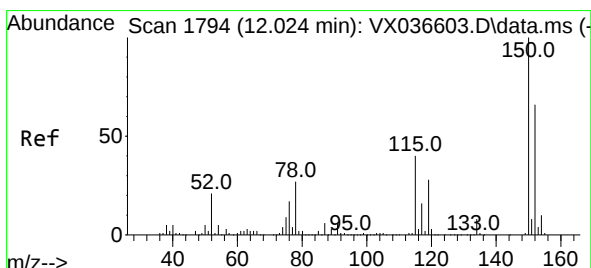
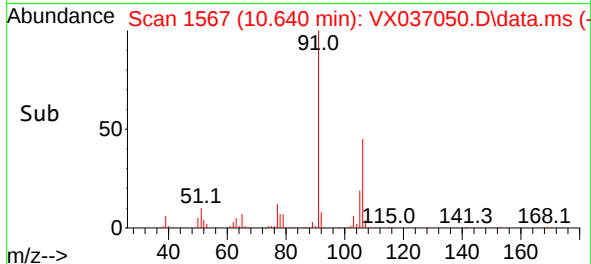
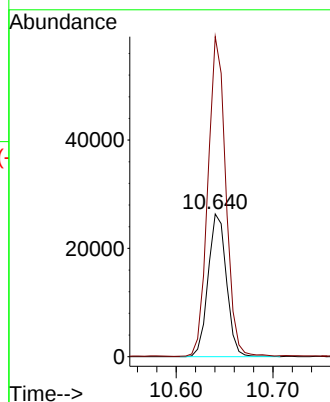
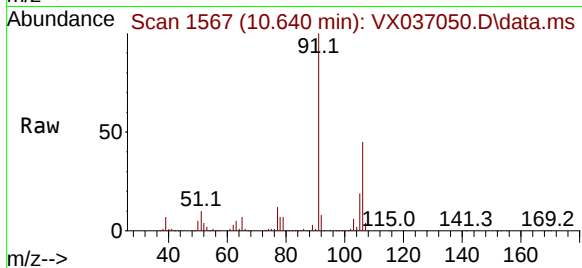
NEVINS-SB02-Z64-65

Tgt Ion:106 Resp: 34764

Ion Ratio Lower Upper

106 100

91 218.1 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037050.D

Acq: 17 Aug 2023 09:35

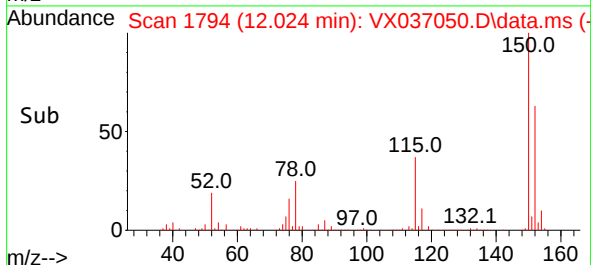
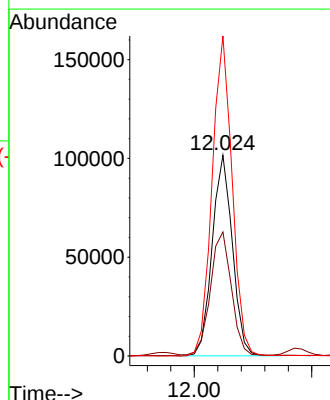
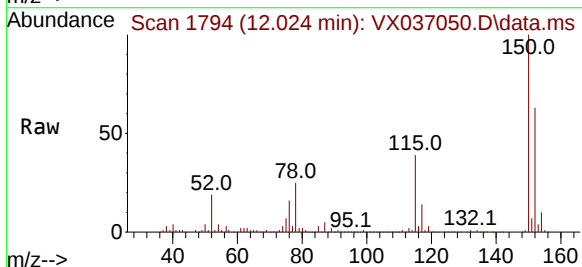
Tgt Ion:152 Resp: 121296

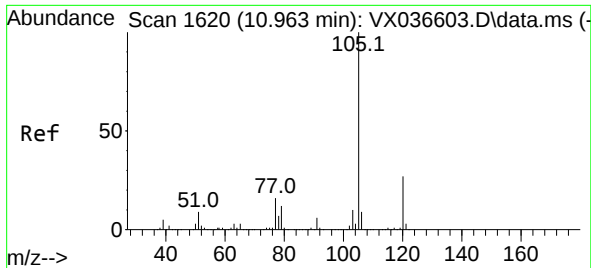
Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 158.5 0.0 345.0

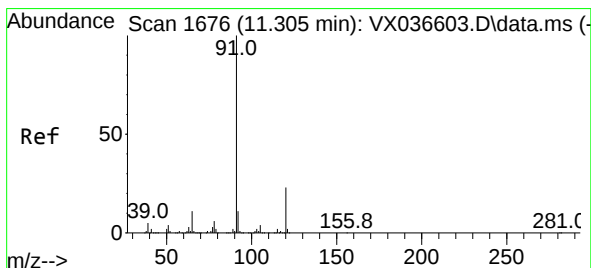
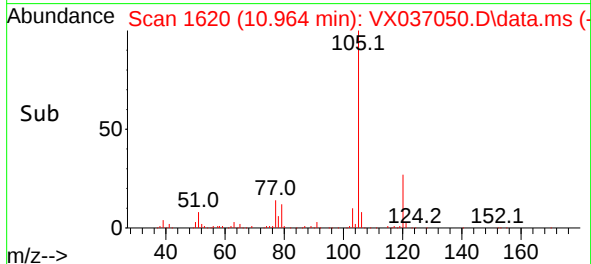
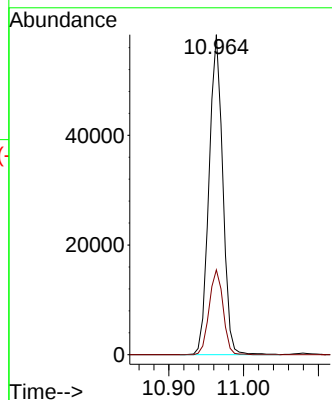
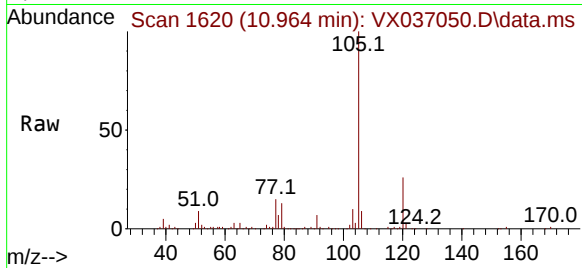




#73
Isopropylbenzene
Concen: 7.419 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

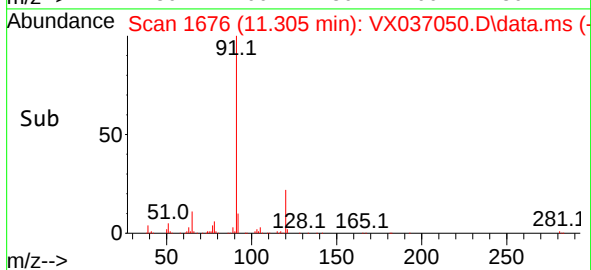
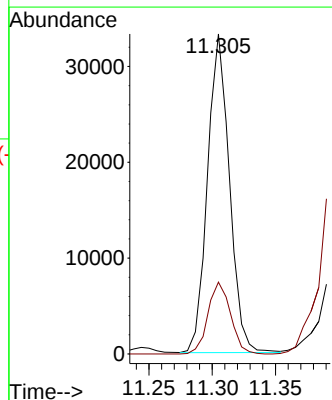
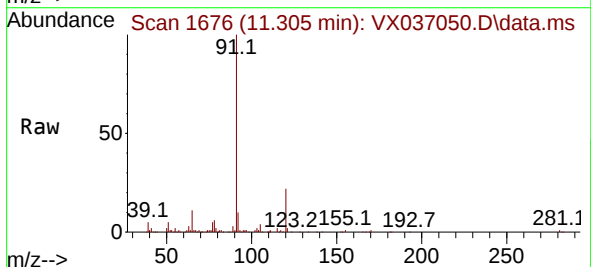
Instrument :
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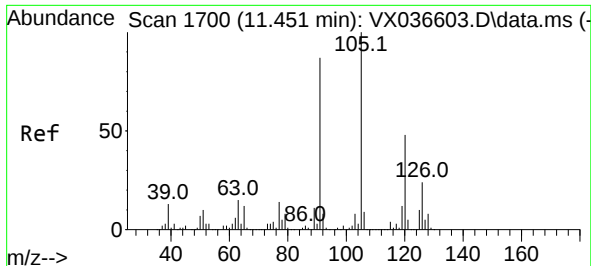
Tgt Ion:105 Resp: 74477
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6



#78
n-propylbenzene
Concen: 3.457 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037050.D
Acq: 17 Aug 2023 09:35

Tgt Ion: 91 Resp: 40134
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4

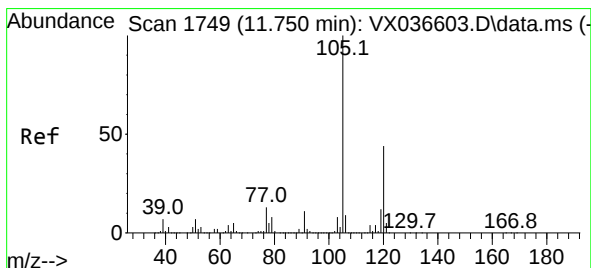
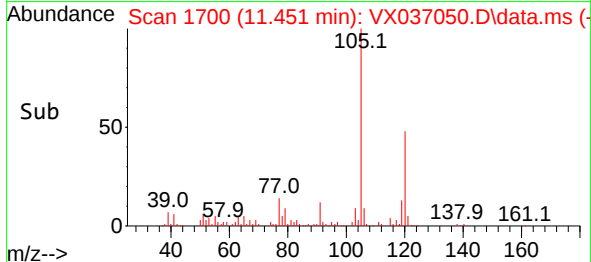
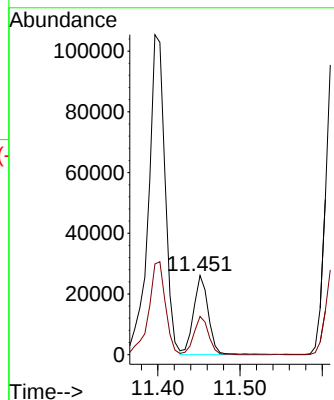
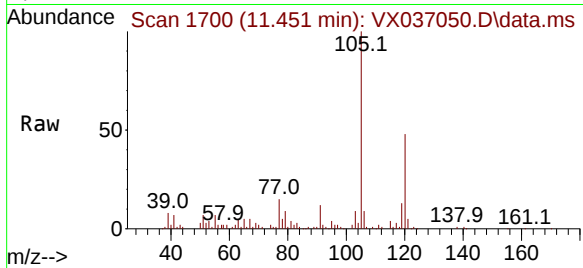




#80
 1,3,5-Trimethylbenzene
 Concen: 3.851 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX037050.D
 Acq: 17 Aug 2023 09:35

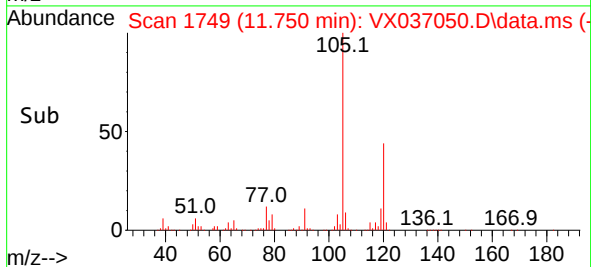
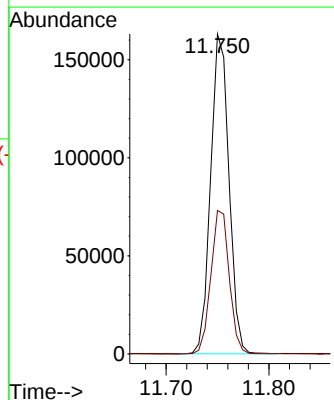
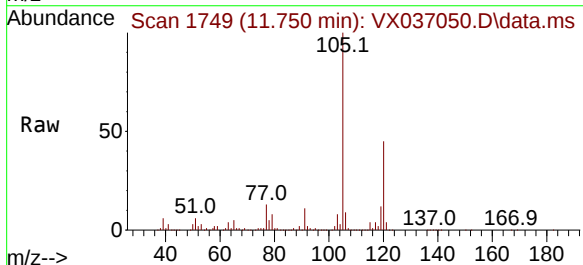
Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z64-65

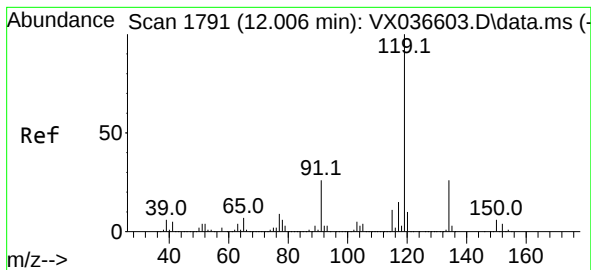
Tgt Ion:105 Resp: 32343
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 23.971 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX037050.D
 Acq: 17 Aug 2023 09:35

Tgt Ion:105 Resp: 201316
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.2 63.6





#86

p-Isopropyltoluene

Concen: 3.467 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX037050.D

Acq: 17 Aug 2023 09:35

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z64-65

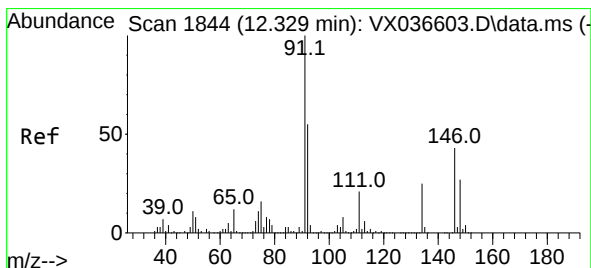
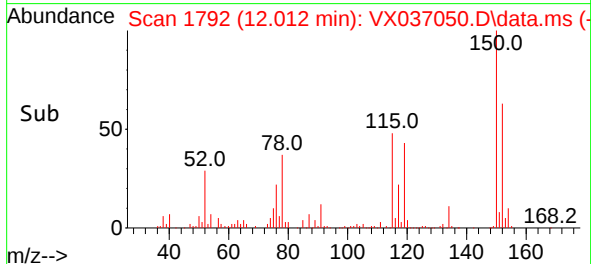
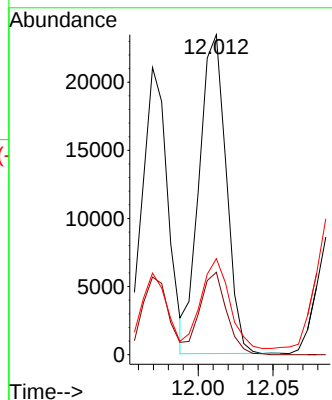
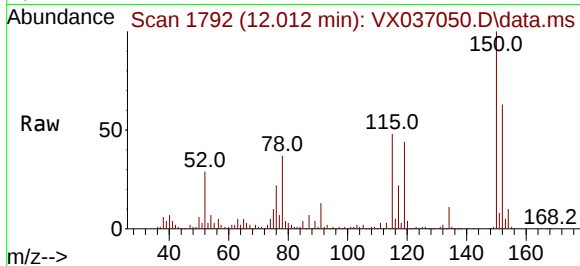
Tgt Ion:119 Resp: 29348

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 30.0 13.1 39.3



#89

n-Butylbenzene

Concen: 7.432 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX037050.D

Acq: 17 Aug 2023 09:35

Tgt Ion: 91 Resp: 56321

Ion Ratio Lower Upper

91 100

92 22.3 27.4 82.0#

134 126.6 12.6 37.8#

