

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037047.D
 Acq On : 17 Aug 2023 08:23
 Operator : JC/MD
 Sample : 03975-01 20X
 Misc : 5.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB03-Z10-12

Quant Time: Aug 17 10:34:49 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)

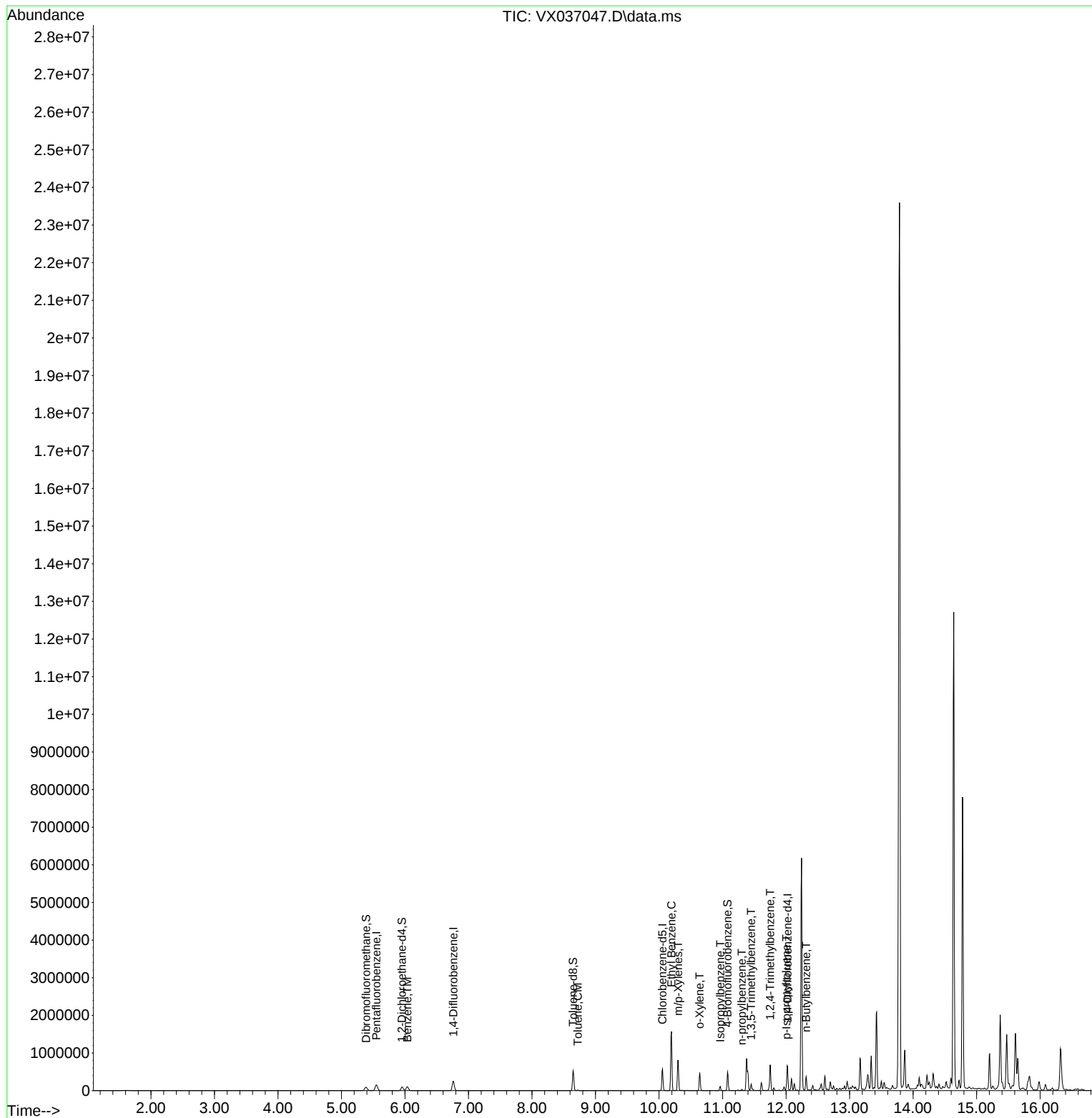
Internal Standards						
1) Pentafluorobenzene	5.550	168	140912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99156	47.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.385	113	81970	45.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	316740	49.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	134456	55.750	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.500%
Target Compounds						
					Qvalue	
40) Benzene	6.038	78	128963	16.498	ug/l	99
52) Toluene	8.720	92	5883	1.201	ug/l	99
67) Ethyl Benzene	10.195	91	914861	87.319	ug/l	98
68) m/p-Xylenes	10.299	106	185071	47.343	ug/l	100
69) o-Xylene	10.640	106	100890	25.856	ug/l	99
73) Isopropylbenzene	10.963	105	58635	5.421	ug/l	100
78) n-propylbenzene	11.305	91	20457	1.635	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	70606	7.803	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	282461	31.212	ug/l	96
86) p-Isopropyltoluene	12.006	119	21624	2.370	ug/l #	73
89) n-Butylbenzene	12.317	91	33847	4.145	ug/l #	1

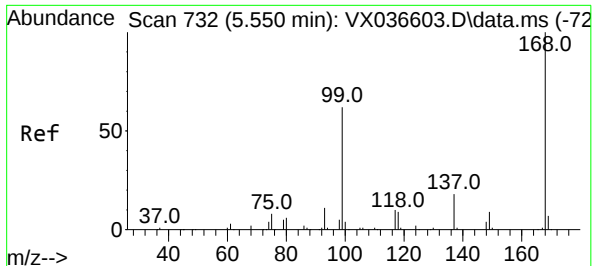
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB03-Z10-12

Quant Time: Aug 17 10:34:49 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

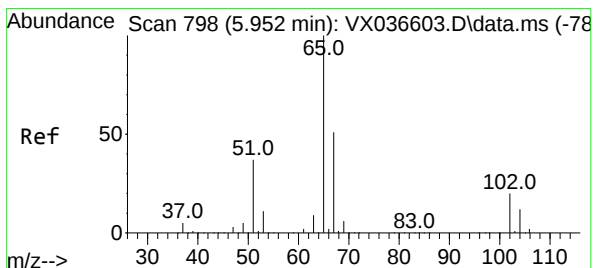
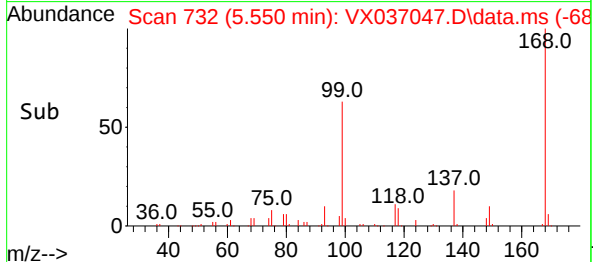
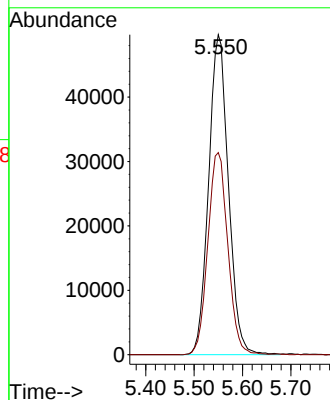
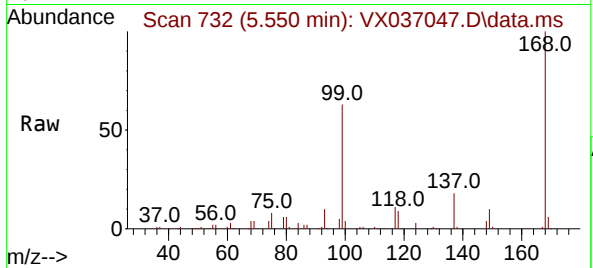




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

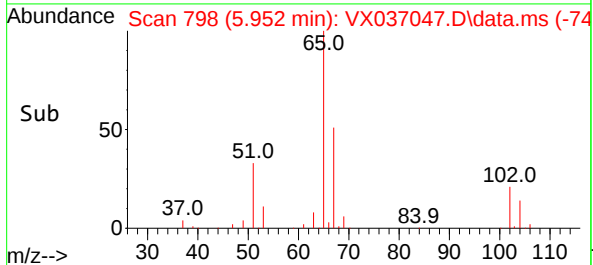
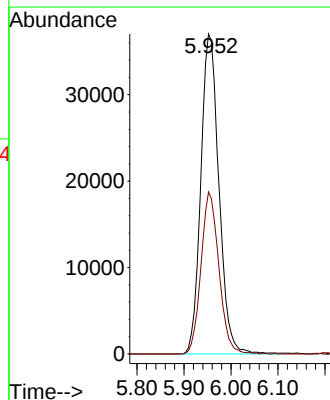
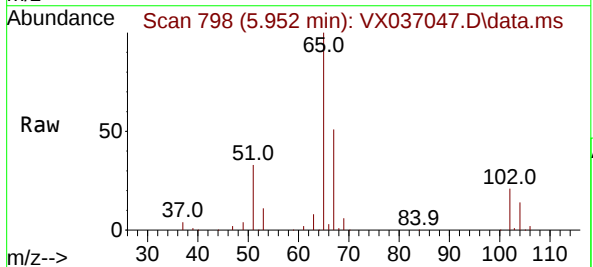
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z10-12

Tgt Ion:168 Resp: 140912
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.557 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion: 65 Resp: 99156
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2

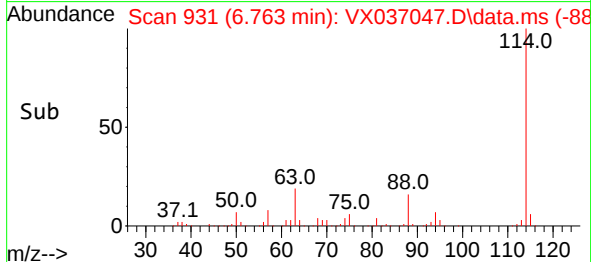
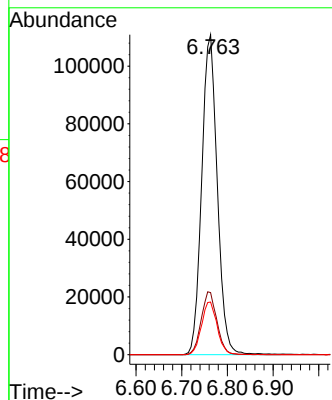
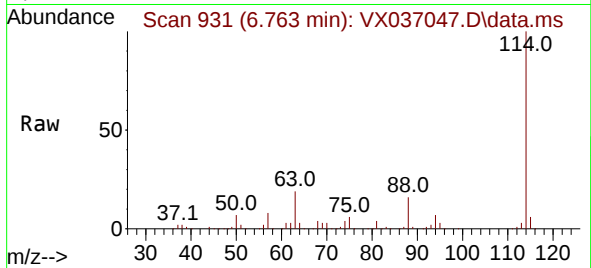




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

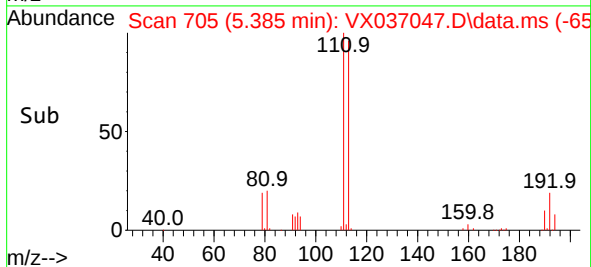
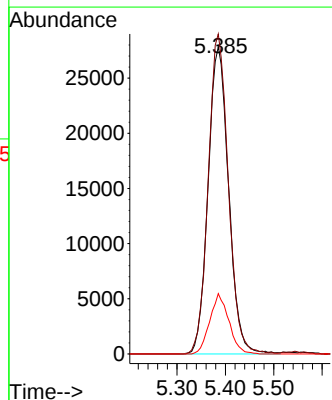
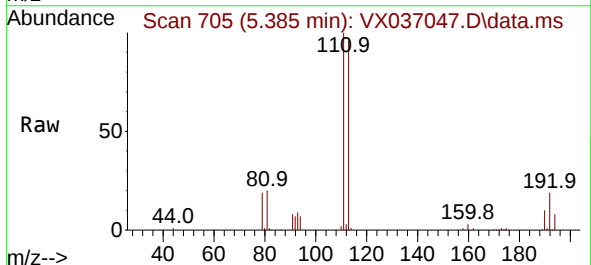
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z10-12

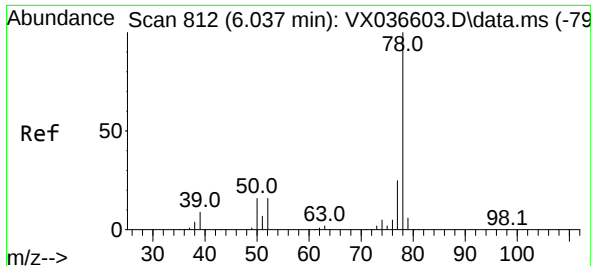
Tgt Ion:114 Resp: 262258
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.473 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion:113 Resp: 81970
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.3 13.3 19.9

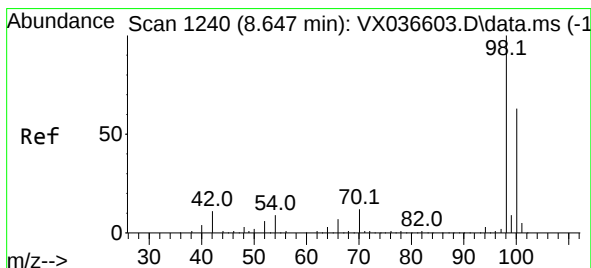
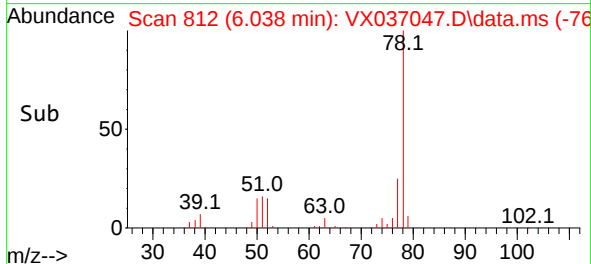
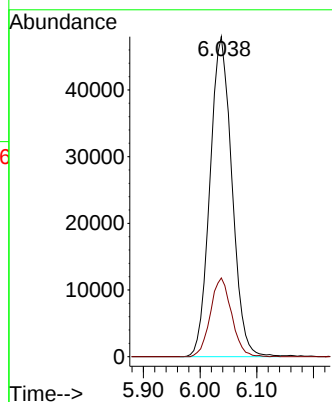
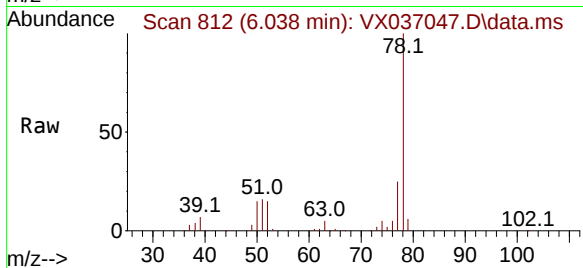




#40
Benzene
Concen: 16.498 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

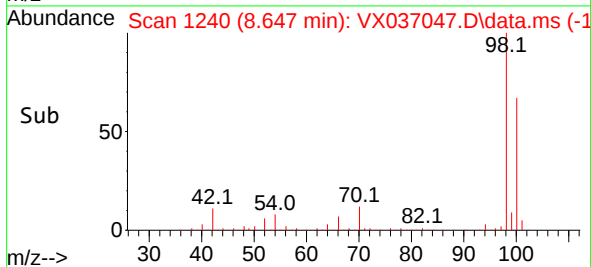
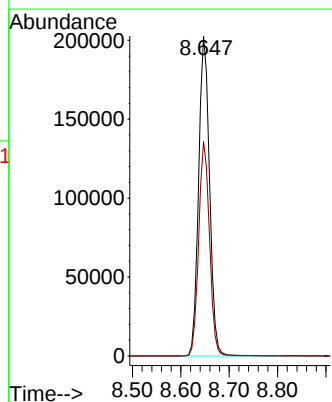
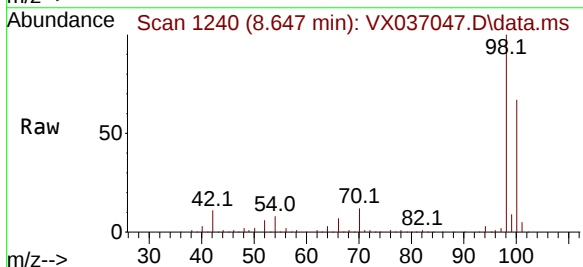
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z10-12

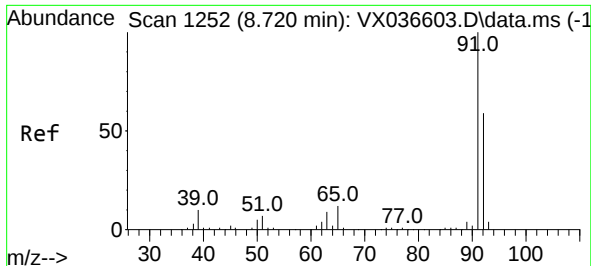
Tgt Ion: 78 Resp: 128963
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



#50
Toluene-d8
Concen: 49.549 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion: 98 Resp: 316740
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

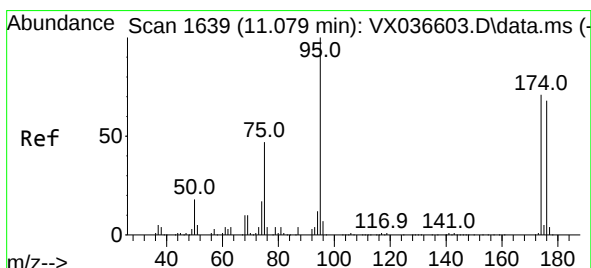
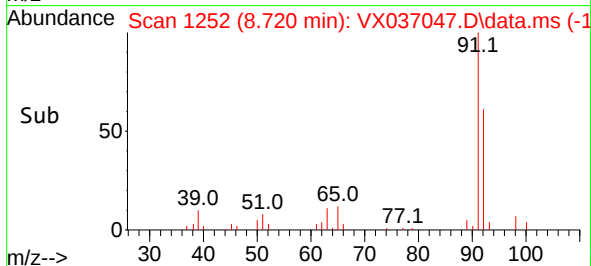
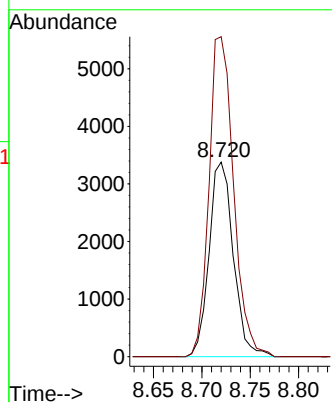
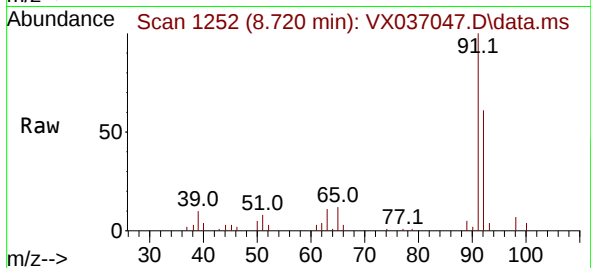




#52
Toluene
Concen: 1.201 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

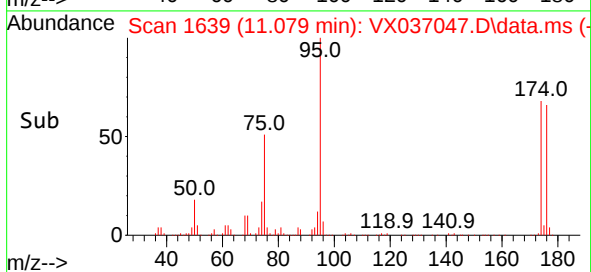
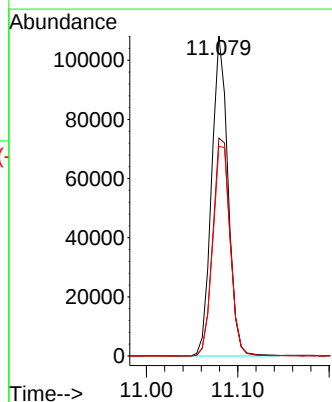
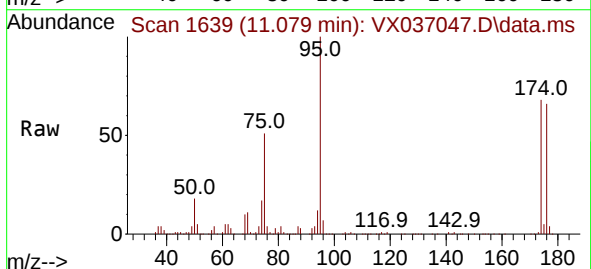
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z10-12

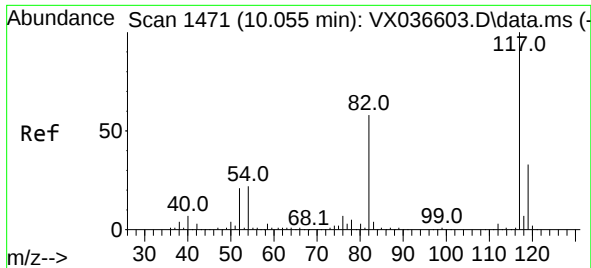
Tgt Ion: 92 Resp: 5883
Ion Ratio Lower Upper
92 100
91 166.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 55.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion: 95 Resp: 134456
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.1 0.0 131.0

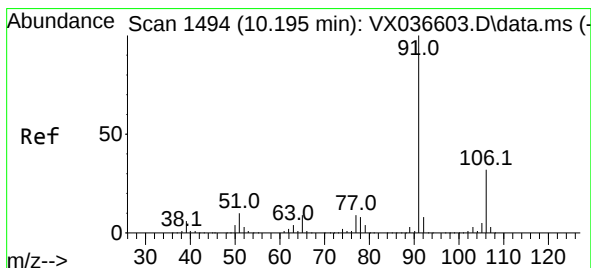
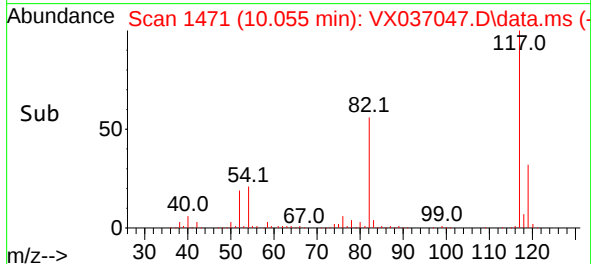
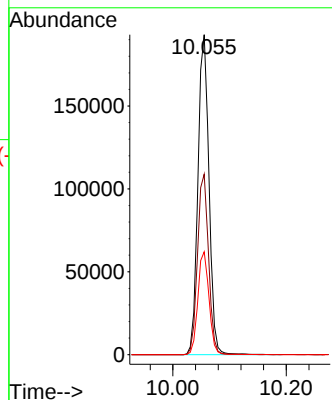
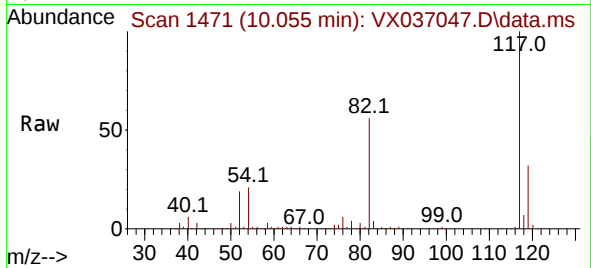




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

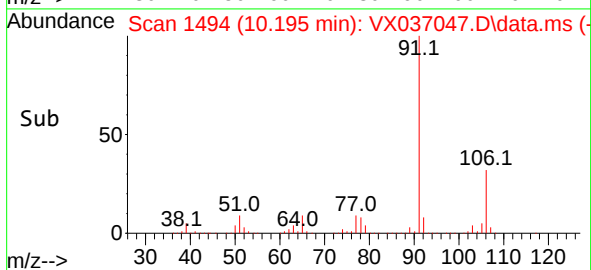
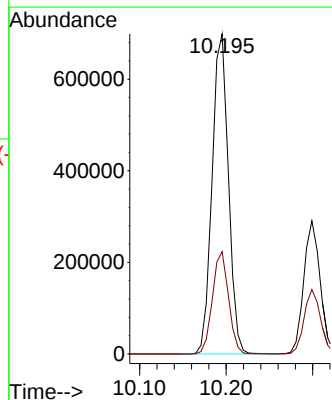
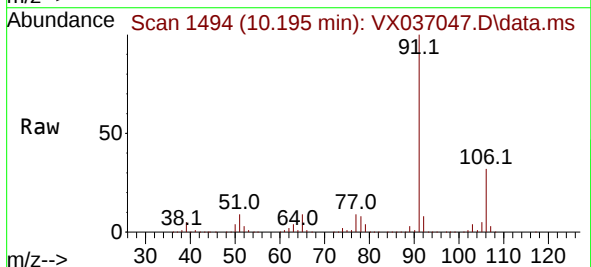
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z10-12

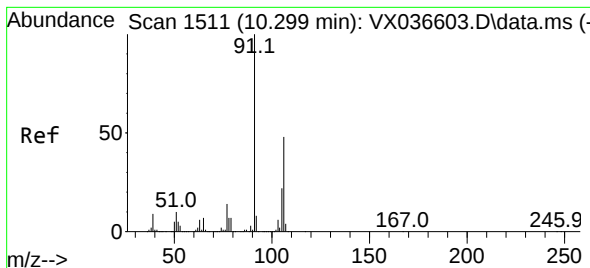
Tgt Ion:117 Resp: 260185
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 87.319 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion: 91 Resp: 914861
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3





#68

m/p-Xylenes

Concen: 47.343 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037047.D

Acq: 17 Aug 2023 08:23

Instrument :

MSVOA_X

ClientSampleId :

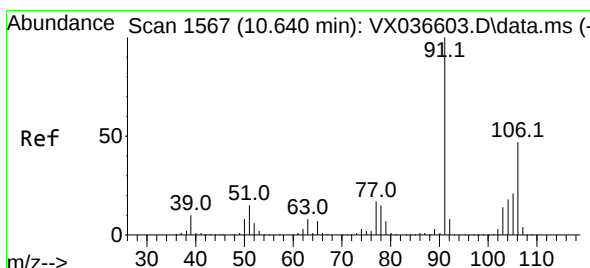
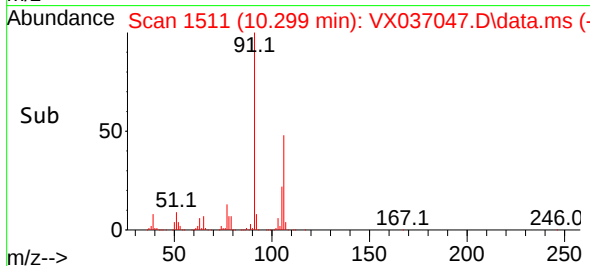
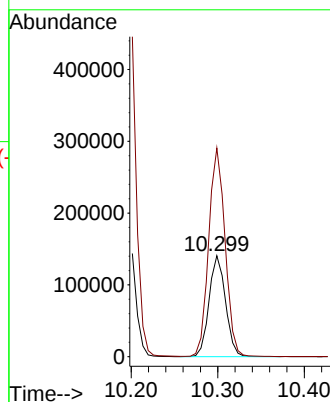
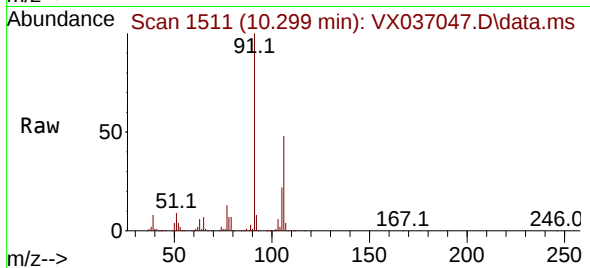
NEVINS-SB03-Z10-12

Tgt Ion:106 Resp: 185071

Ion Ratio Lower Upper

106 100

91 206.2 165.5 248.3



#69

o-Xylene

Concen: 25.856 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037047.D

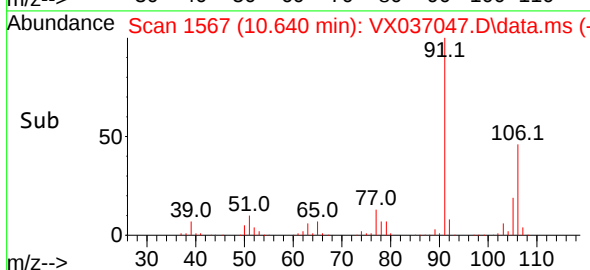
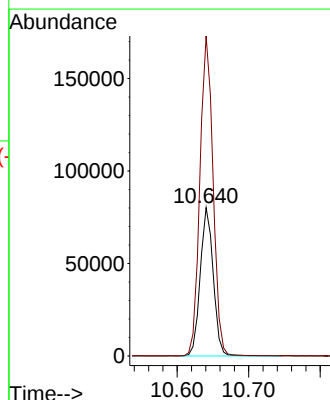
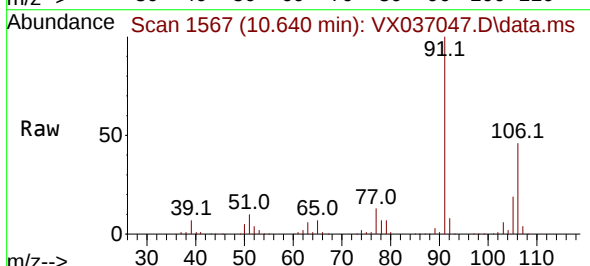
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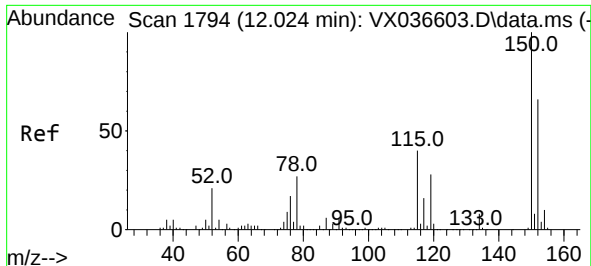
Tgt Ion:106 Resp: 100890

Ion Ratio Lower Upper

106 100

91 218.8 108.9 326.8

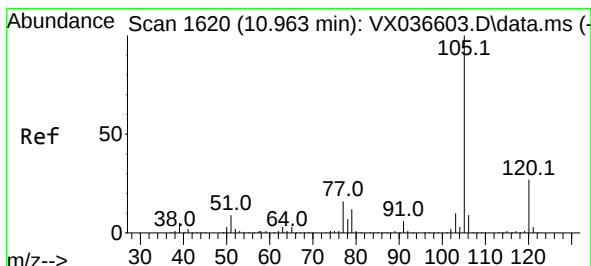
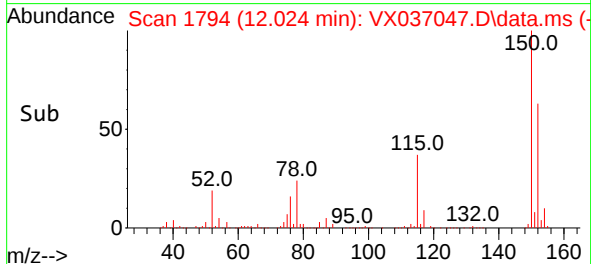
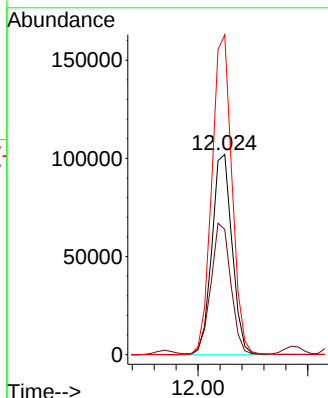
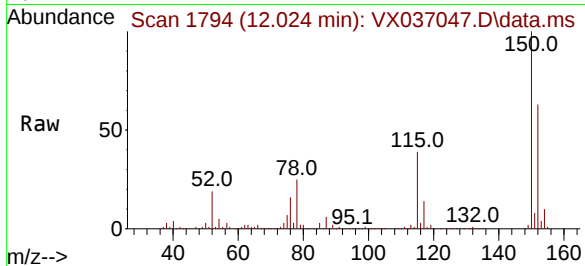




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

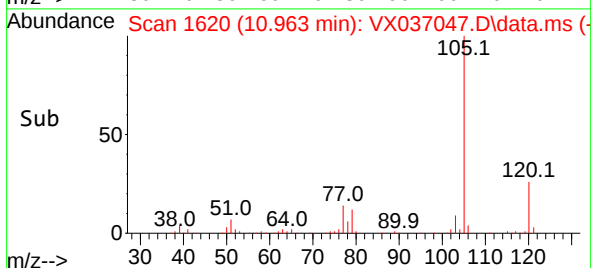
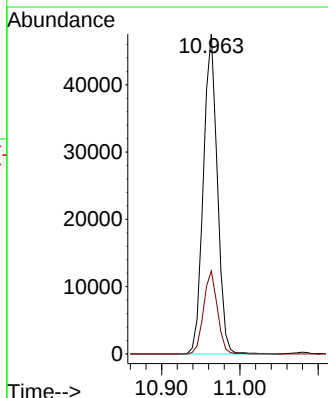
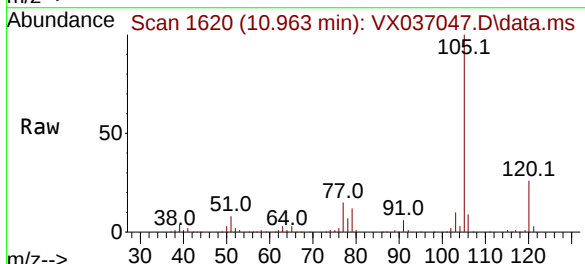
Instrument :
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NEVINS-SB03-Z10-12

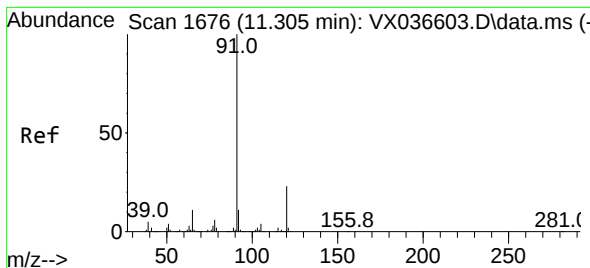
Tgt Ion:152 Resp: 130703
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 159.2 0.0 345.0



#73
Isopropylbenzene
Concen: 5.421 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037047.D
Acq: 17 Aug 2023 08:23

Tgt Ion:105 Resp: 58635
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#78

n-propylbenzene

Concen: 1.635 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037047.D

Acq: 17 Aug 2023 08:23

Instrument :

MSVOA_X

ClientSampleId :

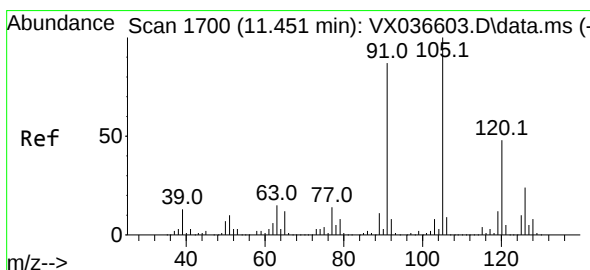
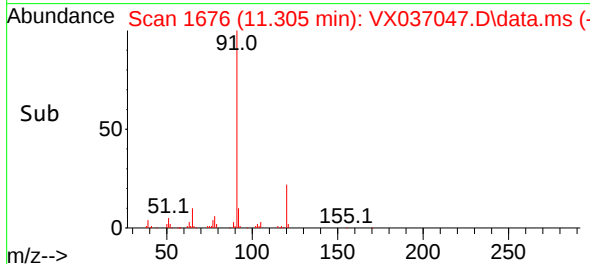
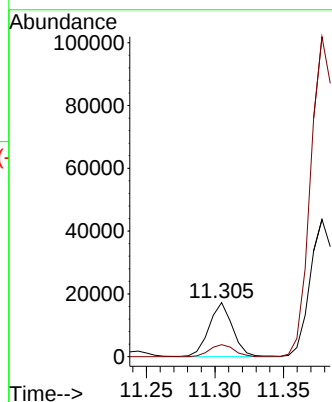
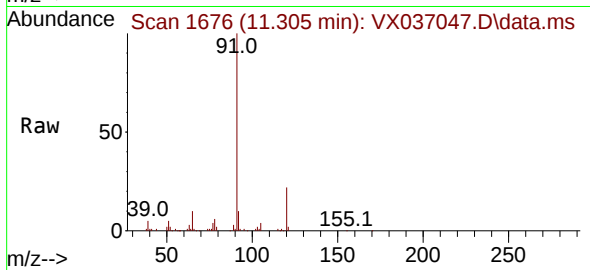
NEVINS-SB03-Z10-12

Tgt Ion: 91 Resp: 20457

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 7.803 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037047.D

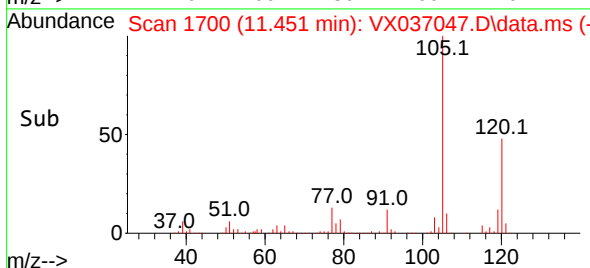
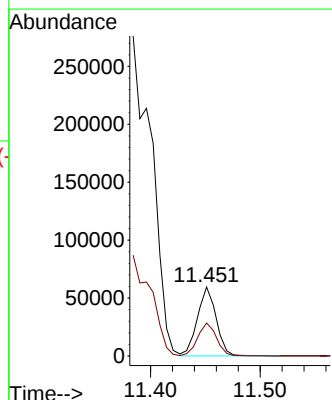
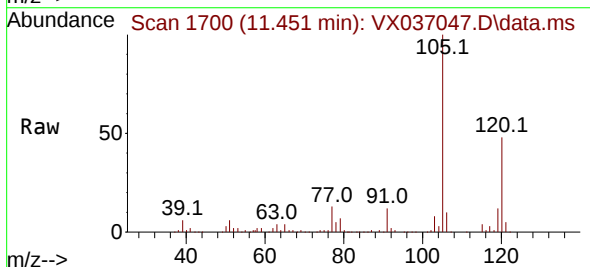
Acq: 17 Aug 2023 08:23

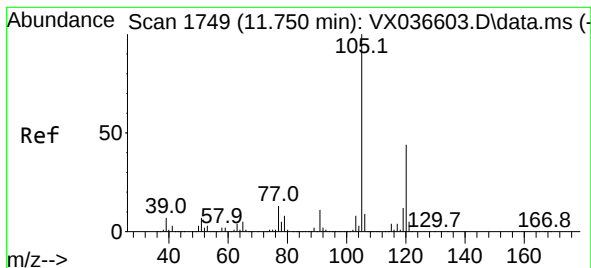
Tgt Ion:105 Resp: 70606

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 31.212 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037047.D

Acq: 17 Aug 2023 08:23

Instrument :

MSVOA_X

ClientSampleId :

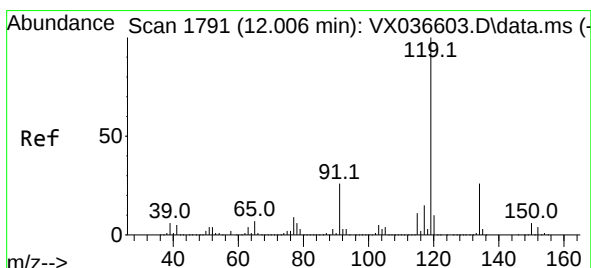
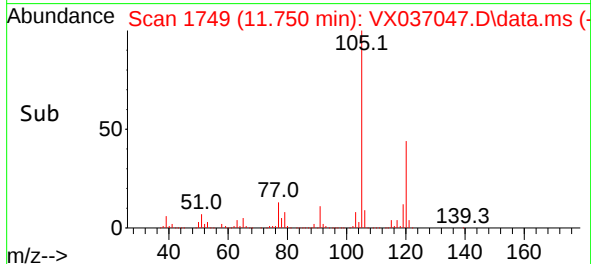
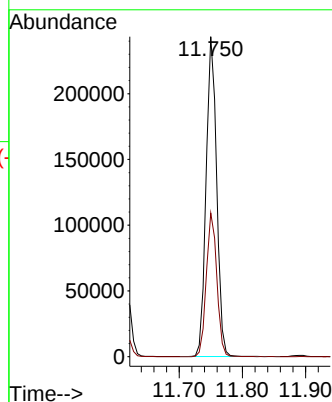
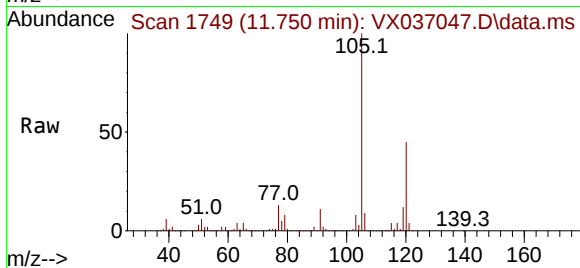
NEVINS-SB03-Z10-12

Tgt Ion:105 Resp: 282461

Ion Ratio Lower Upper

105 100

120 44.9 21.2 63.6



#86

p-Isopropyltoluene

Concen: 2.370 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX037047.D

Acq: 17 Aug 2023 08:23

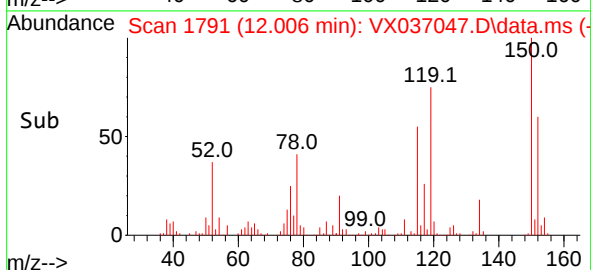
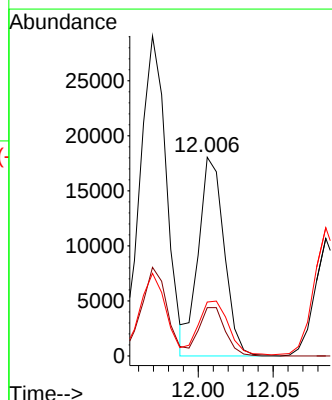
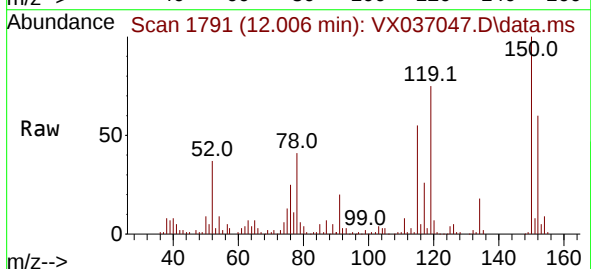
Tgt Ion:119 Resp: 21624

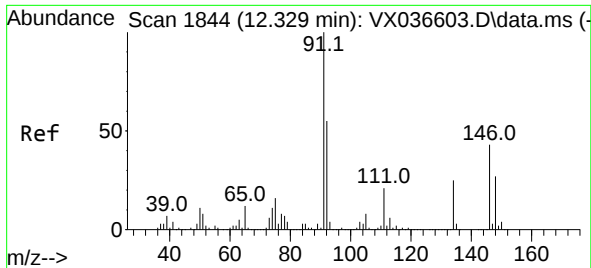
Ion Ratio Lower Upper

119 100

134 24.1 12.8 38.3

91 0.0 13.1 39.3#





#89

n-Butylbenzene

Concen: 4.145 ug/l

RT: 12.317 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX037047.D

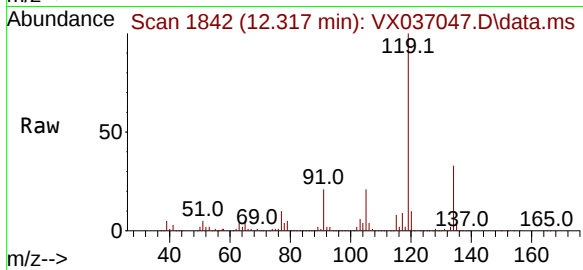
Acq: 17 Aug 2023 08:23

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB03-Z10-12



Tgt Ion: 91 Resp: 33847

Ion Ratio Lower Upper

91 100

92 14.6 27.4 82.0#

134 147.4 12.6 37.8#

