

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082123\
 Data File : VX037144.D
 Acq On : 21 Aug 2023 20:31
 Operator : JC/MD
 Sample : 03994-02 10X
 Misc : 6.46g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB06-Z36-37

Quant Time: Aug 22 06:02:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

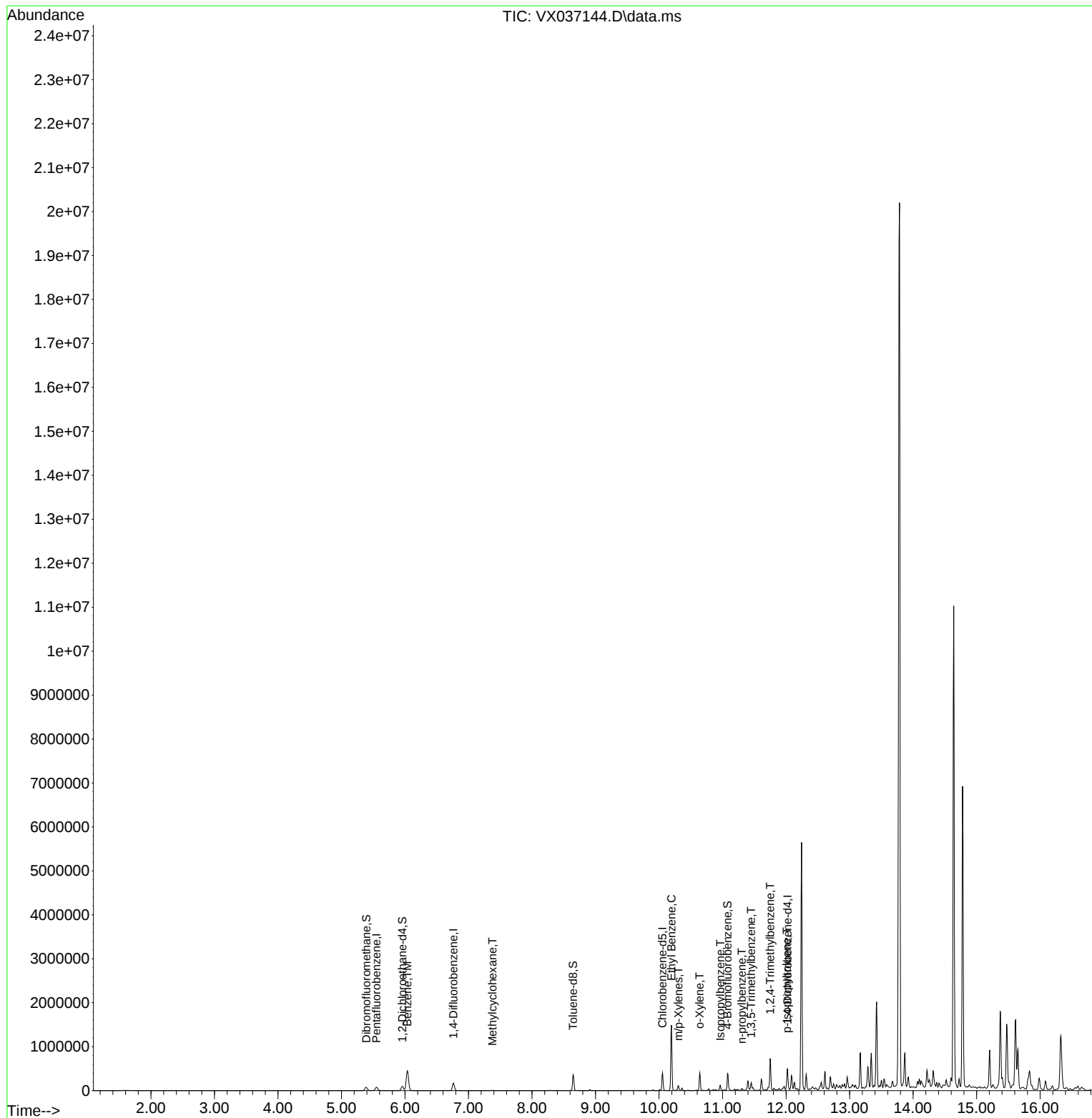
Internal Standards						
1) Pentafluorobenzene	5.549	168	74235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98323	91.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 183.740%#			
35) Dibromofluoromethane	5.391	113	69373	57.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.760%			
50) Toluene-d8	8.646	98	221071	50.848	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.700%			
62) 4-Bromofluorobenzene	11.079	95	100801	58.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.000%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.378	83	4003	2.237	ug/l	88
40) Benzene	6.037	78	569169	116.542	ug/l	99
67) Ethyl Benzene	10.195	91	846127	121.427	ug/l	99
68) m/p-Xylenes	10.305	106	26141	9.714	ug/l	98
69) o-Xylene	10.640	106	86279	32.498	ug/l	100
73) Isopropylbenzene	10.963	105	60230	8.426	ug/l	98
78) n-propylbenzene	11.305	91	27675	3.477	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	71413	11.977	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	309101	51.295	ug/l	96
86) p-Isopropyltoluene	12.012	119	27133	4.745	ug/l #	74

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

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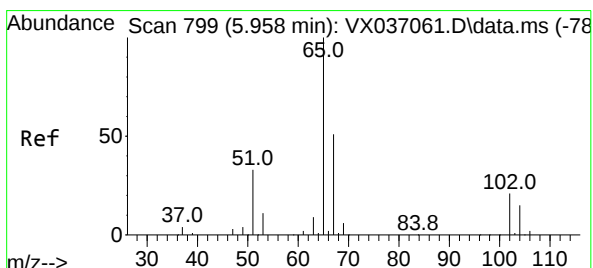
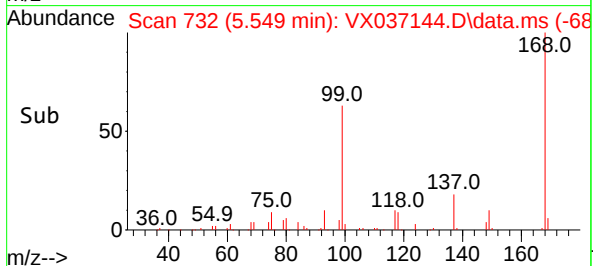
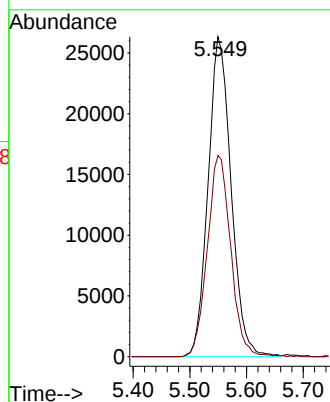
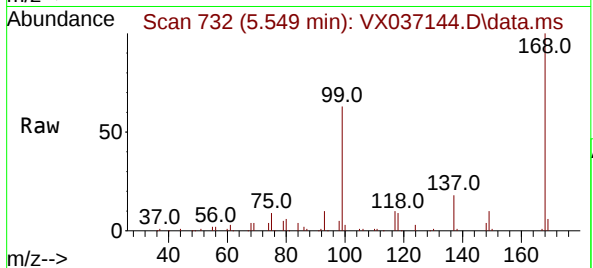




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 714
Delta R.T. -0.001 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

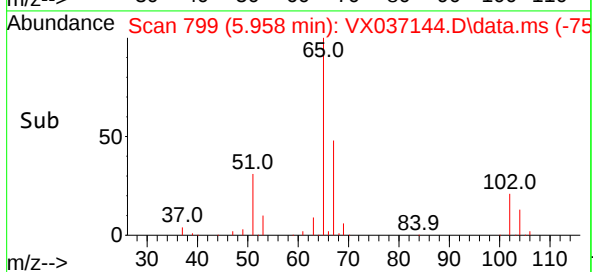
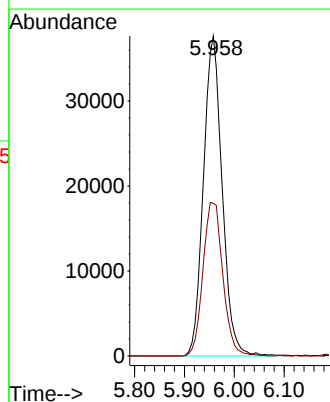
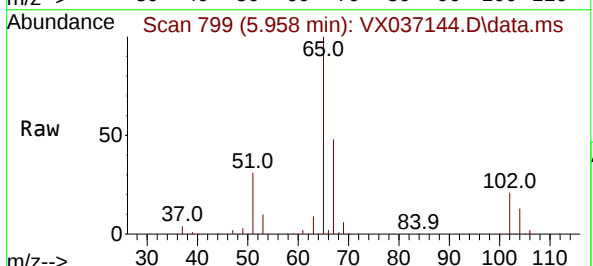
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z36-37

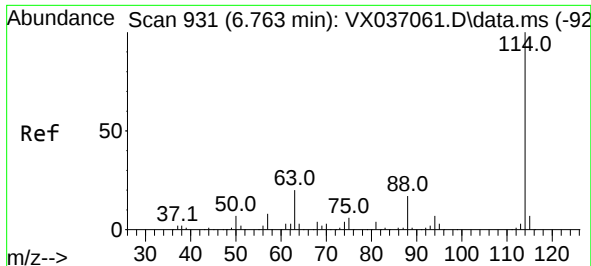
Tgt Ion:168 Resp: 74235
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 91.871 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion: 65 Resp: 98323
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

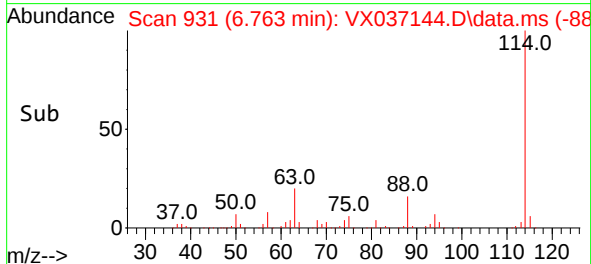
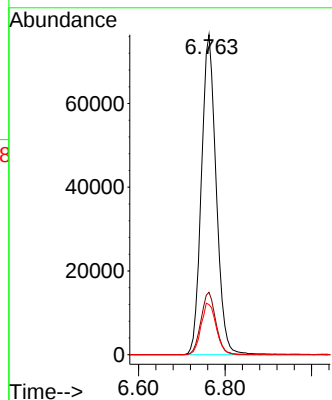
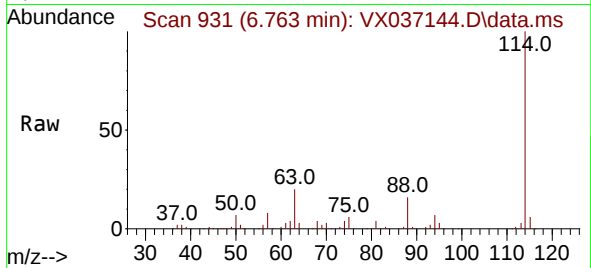




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

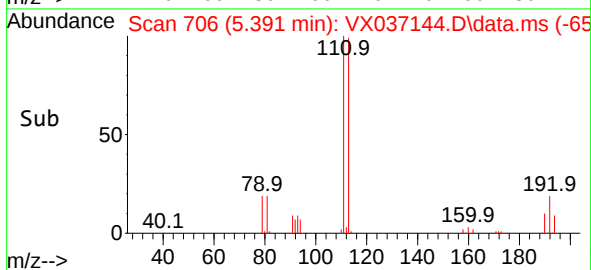
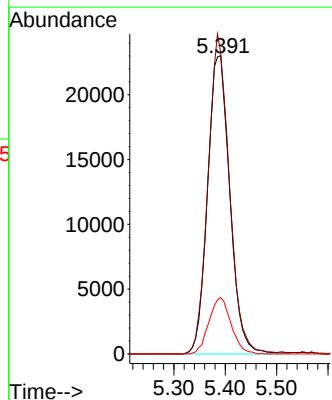
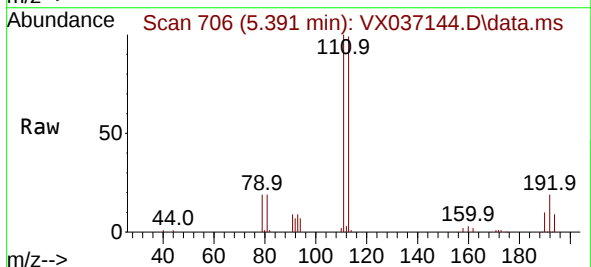
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MSVOA_X
ClientSampleId :
NEVINS-SB06-Z36-37

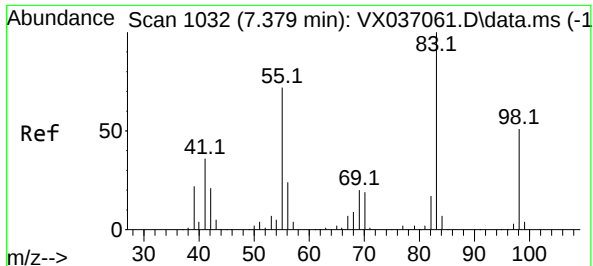
Tgt Ion:114 Resp: 180979
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 57.879 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion:113 Resp: 69373
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9





#39

Methylcyclohexane

Concen: 2.237 ug/l

RT: 7.378 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037144.D

Acq: 21 Aug 2023 20:31

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB06-Z36-37

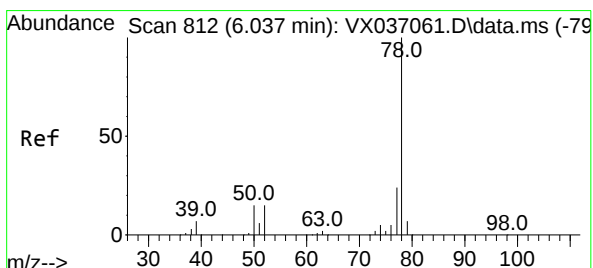
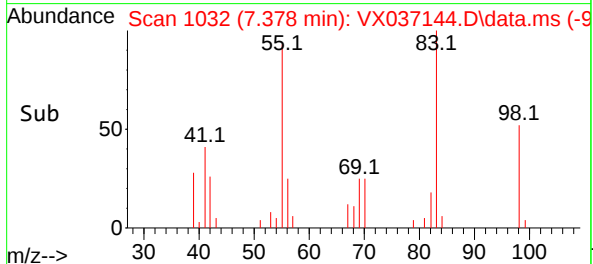
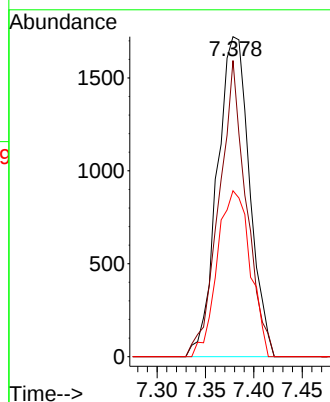
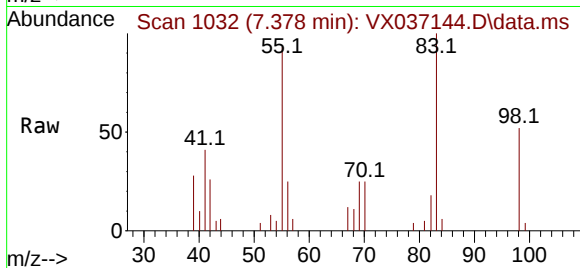
Tgt Ion: 83 Resp: 4003

Ion Ratio Lower Upper

83 100

55 92.6 64.6 97.0

98 51.9 36.7 55.1



#40

Benzene

Concen: 116.542 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037144.D

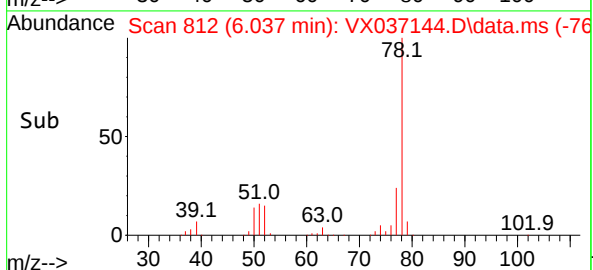
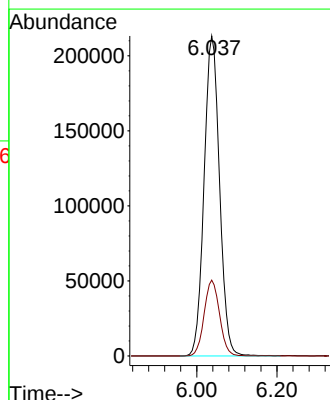
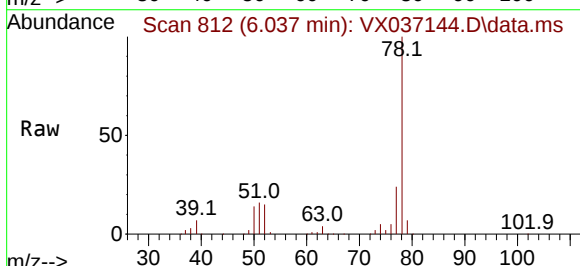
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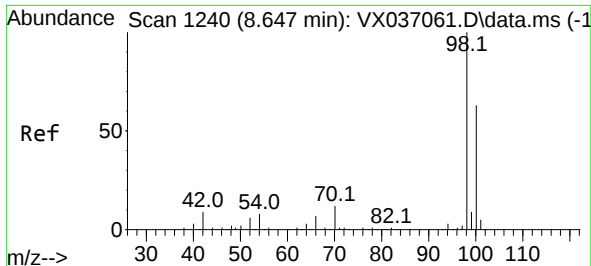
Tgt Ion: 78 Resp: 569169

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

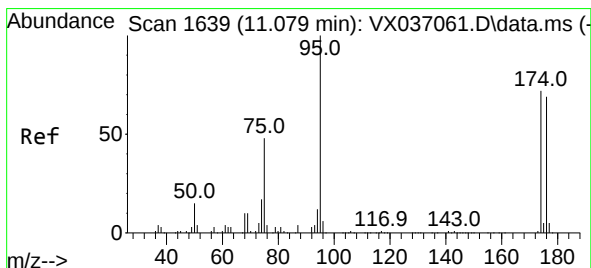
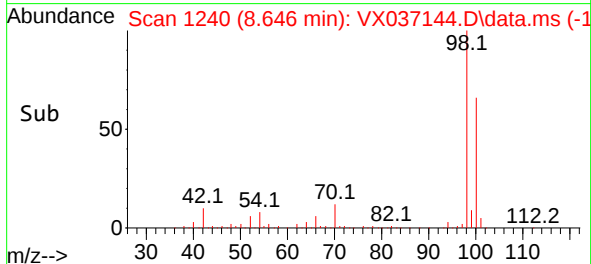
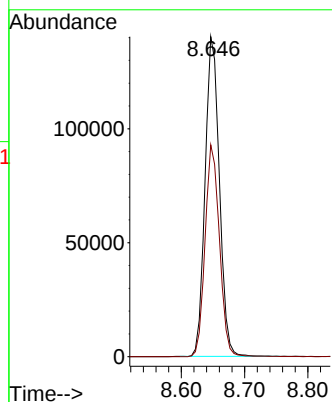
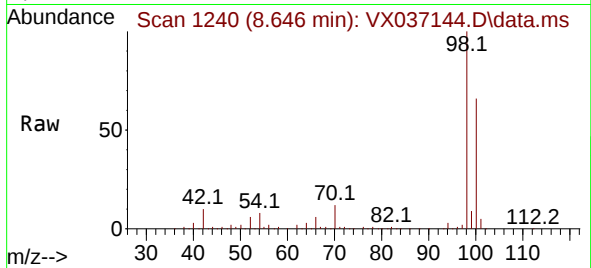




#50
Toluene-d8
Concen: 50.848 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

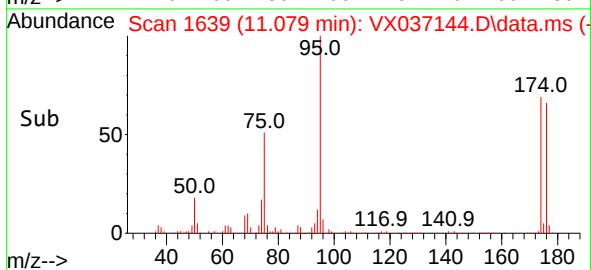
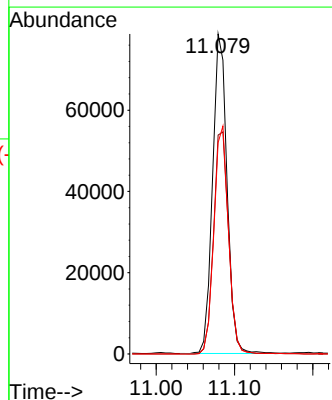
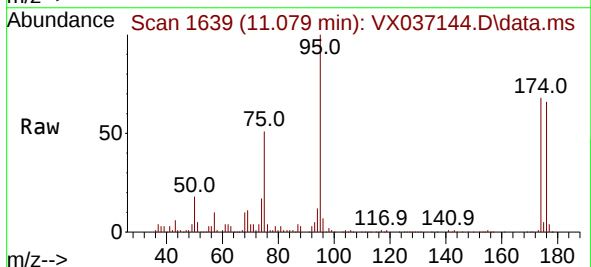
Instrument :
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NEVINS-SB06-Z36-37

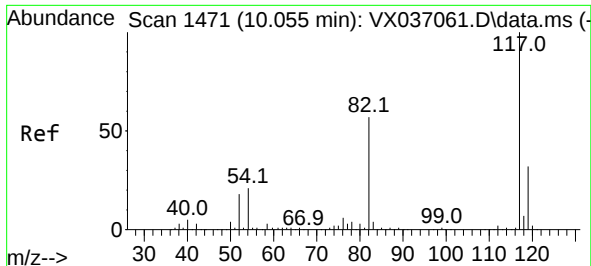
Tgt Ion: 98 Resp: 221071
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 58.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion: 95 Resp: 100801
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 71.7 0.0 131.0

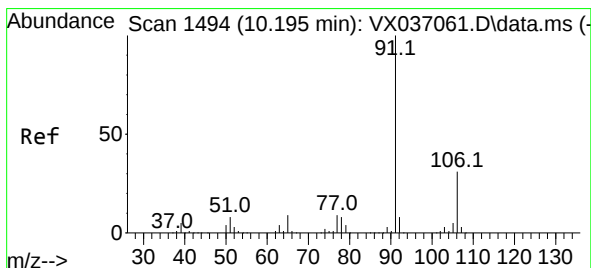
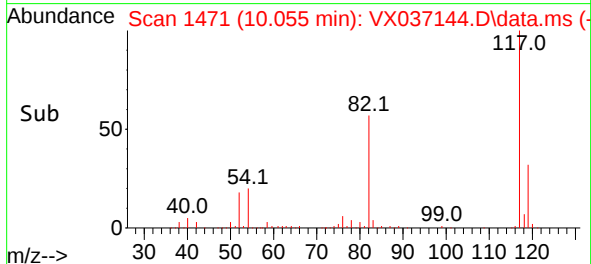
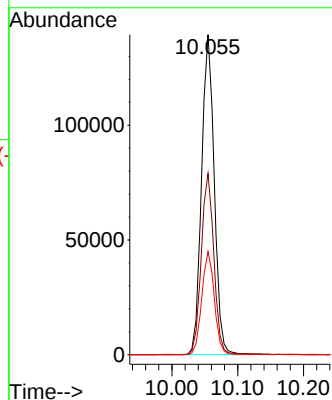
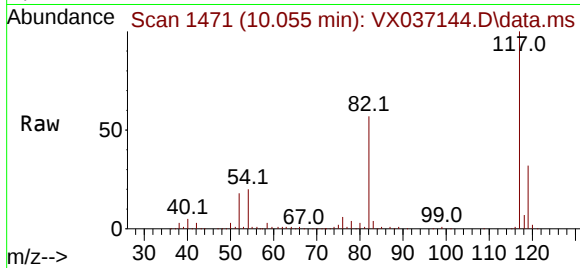




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

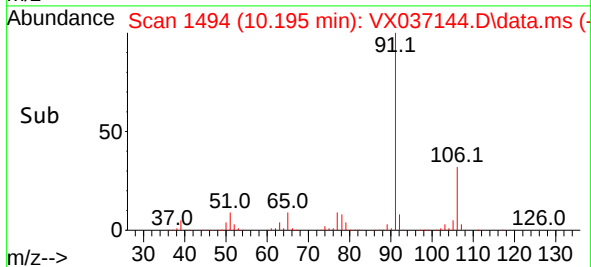
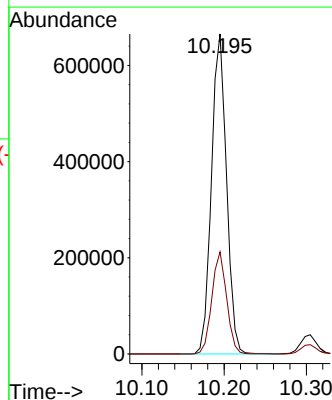
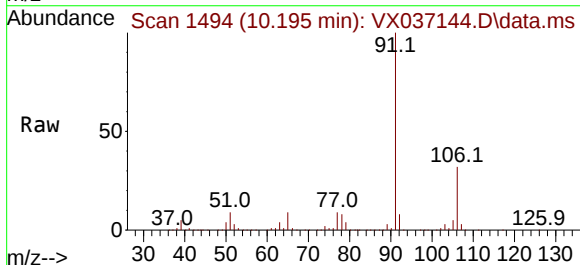
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z36-37

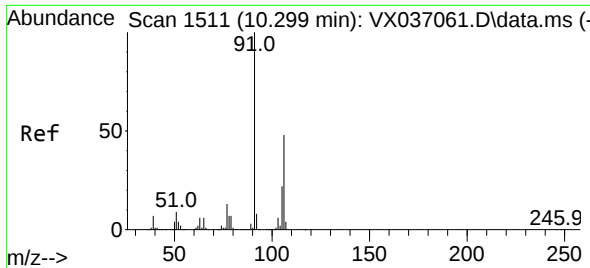
Tgt Ion:117 Resp: 187366
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 121.427 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion: 91 Resp: 846127
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

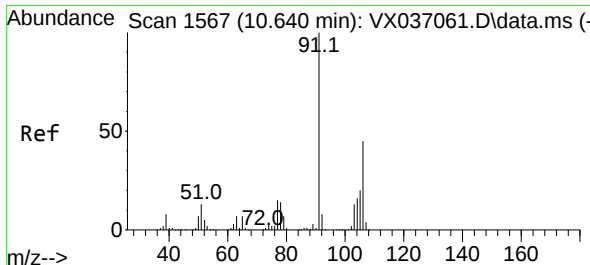
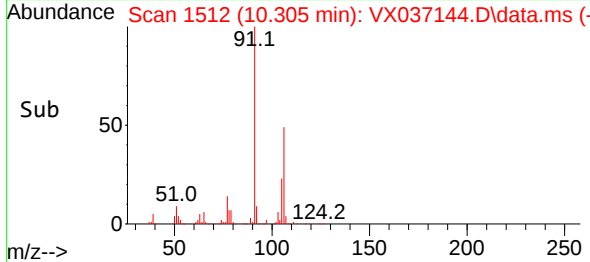
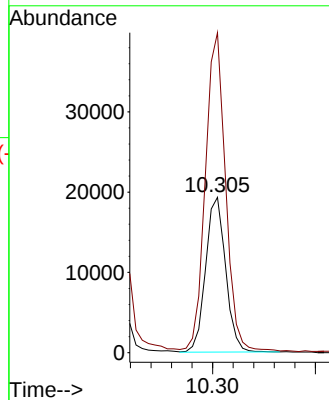
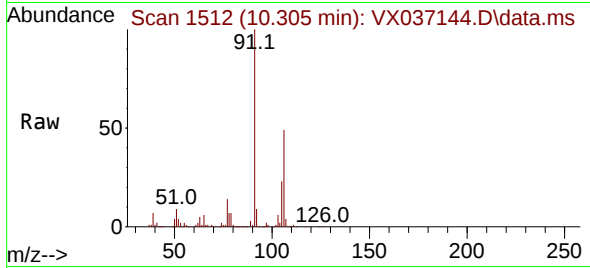




#68
m/p-Xylenes
Concen: 9.714 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

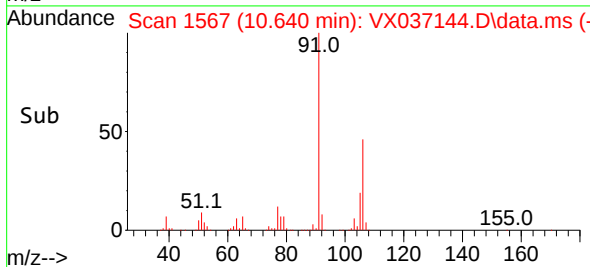
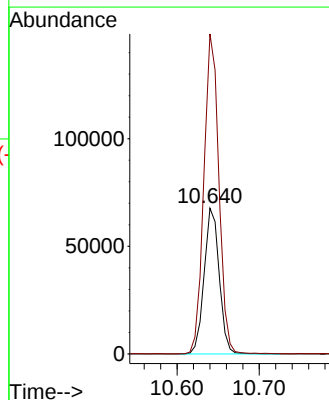
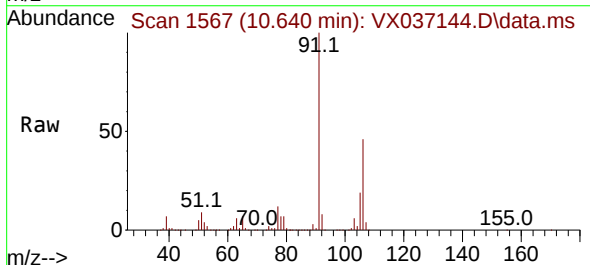
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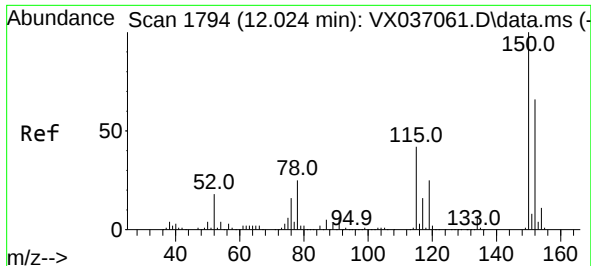
Tgt Ion:106 Resp: 26141
Ion Ratio Lower Upper
106 100
91 209.3 165.5 248.3



#69
o-Xylene
Concen: 32.498 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion:106 Resp: 86279
Ion Ratio Lower Upper
106 100
91 218.6 108.9 326.8

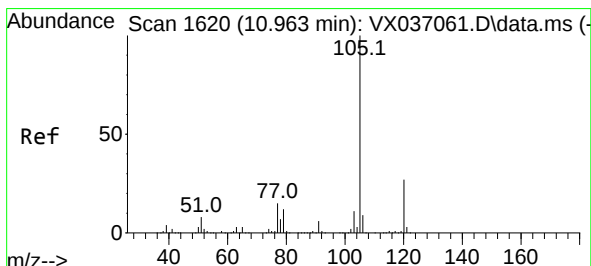
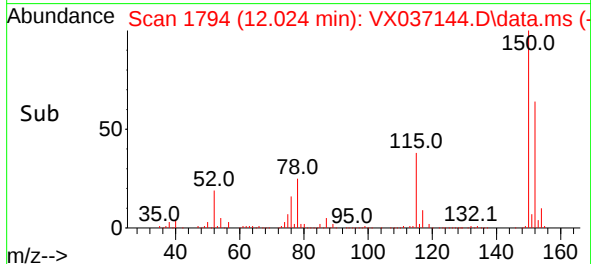
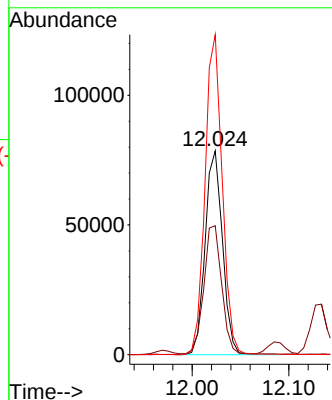
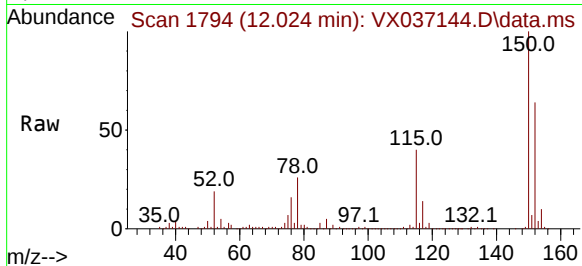




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

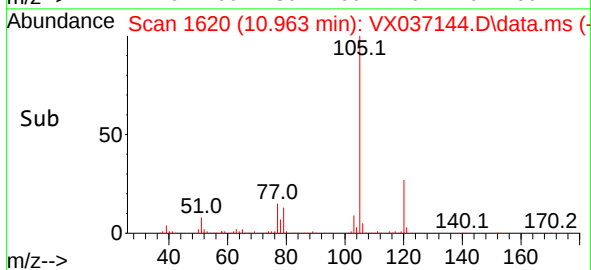
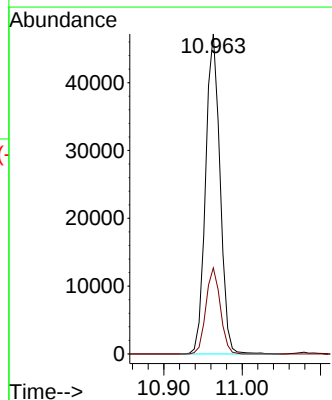
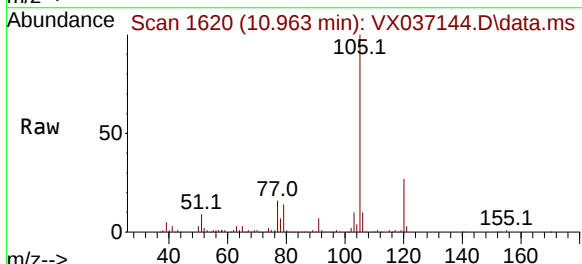
Instrument :
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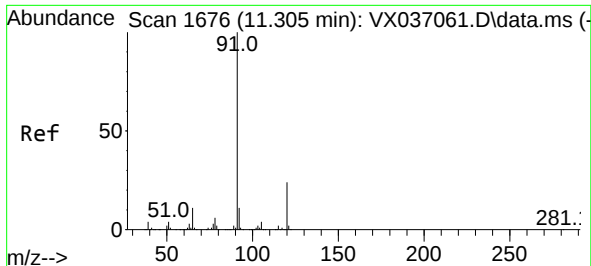
Tgt Ion:152 Resp: 98339
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 155.0 0.0 345.0



#73
Isopropylbenzene
Concen: 8.426 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion:105 Resp: 60230
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

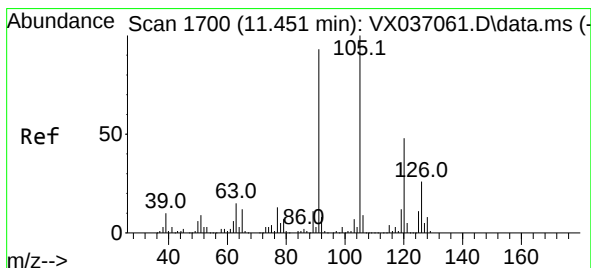
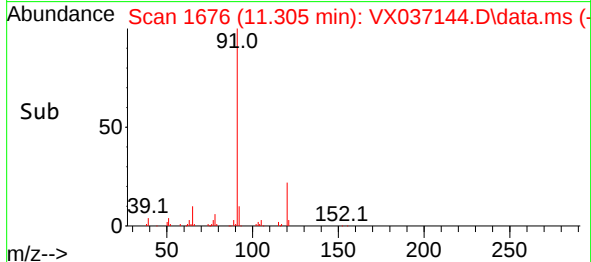
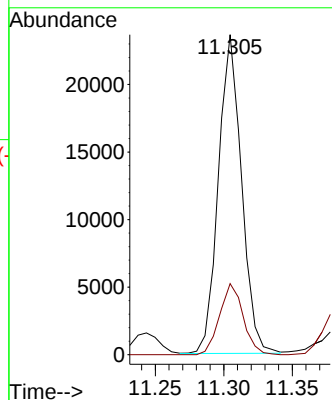
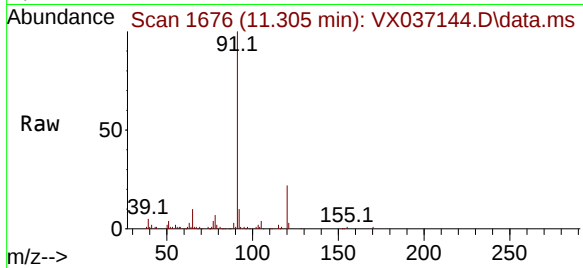




#78
n-propylbenzene
Concen: 3.477 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

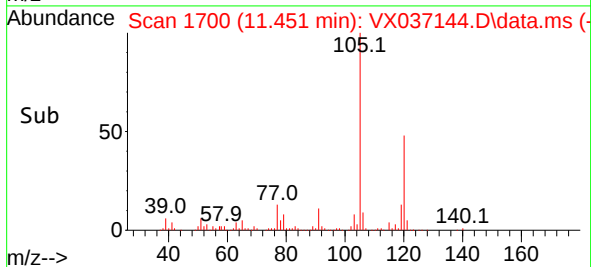
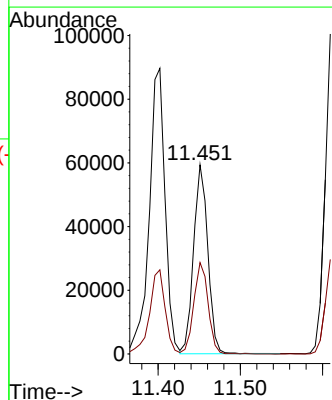
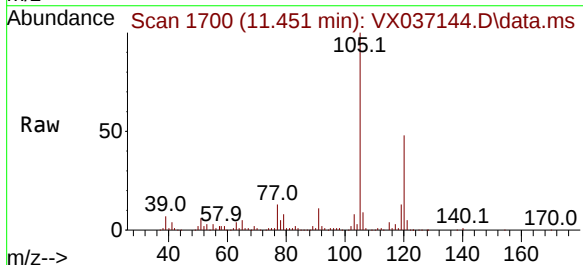
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB06-Z36-37

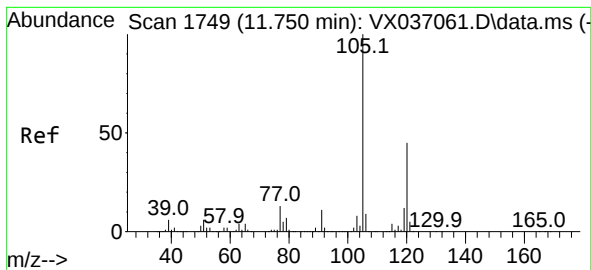
Tgt Ion: 91 Resp: 27675
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 11.977 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037144.D
Acq: 21 Aug 2023 20:31

Tgt Ion: 105 Resp: 71413
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 51.295 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037144.D

Acq: 21 Aug 2023 20:31

Instrument :

MSVOA_X

ClientSampleId :

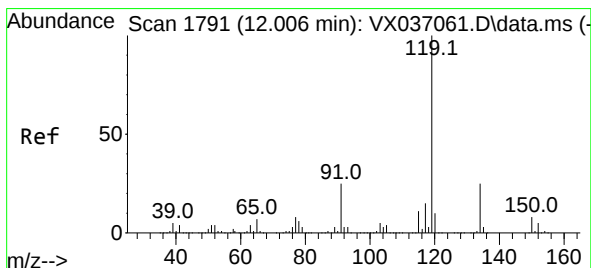
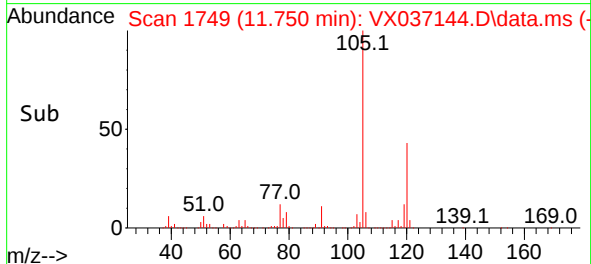
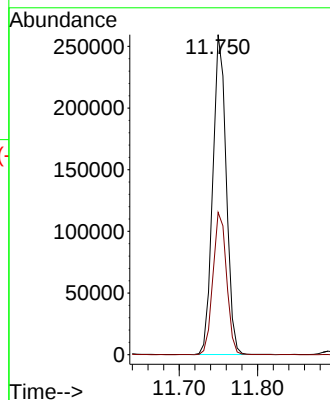
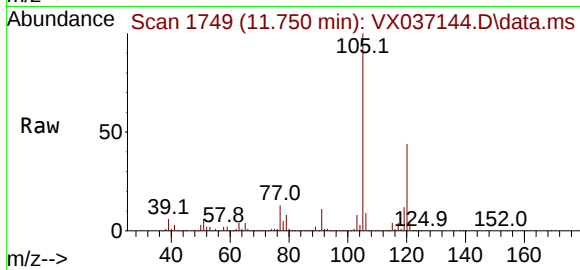
NEVINS-SB06-Z36-37

Tgt Ion:105 Resp: 309101

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6



#86

p-Isopropyltoluene

Concen: 4.745 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX037144.D

Acq: 21 Aug 2023 20:31

Tgt Ion:119 Resp: 27133

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 0.0 13.1 39.3#

