

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037045.D
 Acq On : 17 Aug 2023 07:35
 Operator : JC/MD
 Sample : 03975-04 10X
 Misc : 6.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB03-Z82-83

Quant Time: Aug 17 08:01:34 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)

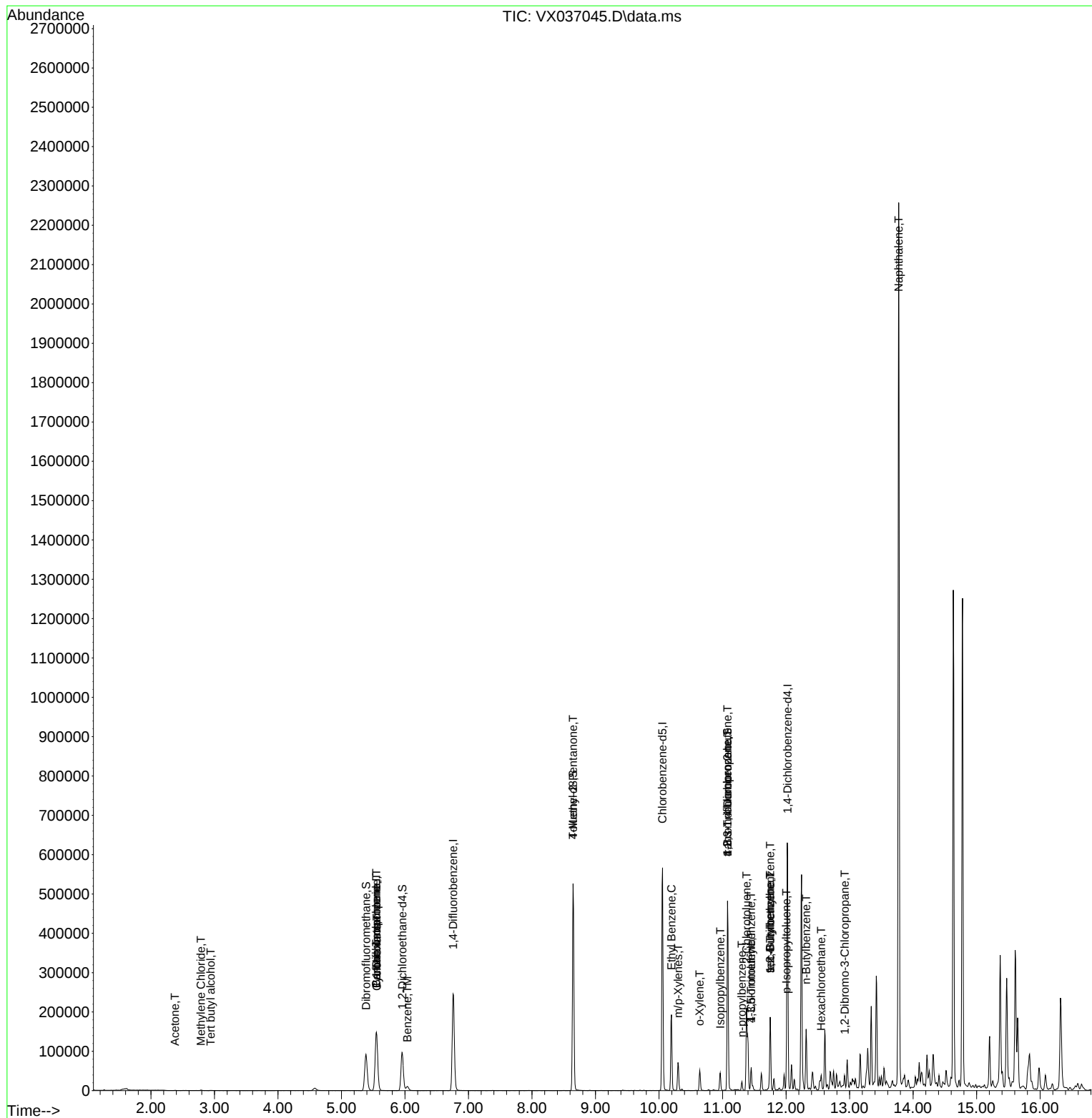
Internal Standards						
1) Pentafluorobenzene	5.550	168	137564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98172	48.231	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.460%		
35) Dibromofluoromethane	5.385	113	80881	45.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.647	98	310945	49.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	133418	56.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.860%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	366	0.760	ug/l #	78
16) Acetone	2.379	43	670	0.793	ug/l	97
20) Methylene Chloride	2.788	84	711	0.379	ug/l #	62
31) Cyclohexane	5.556	56	3103	1.101	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	11363	4.314	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14696	5.248	ug/l #	14
40) Benzene	6.037	78	13007	1.697	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1286	0.453	ug/l #	1
67) Ethyl Benzene	10.195	91	113790	10.898	ug/l	99
68) m/p-Xylenes	10.299	106	16649	4.274	ug/l	98
69) o-Xylene	10.640	106	10968	2.821	ug/l	90
73) Isopropylbenzene	10.963	105	24117	2.302	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	68739	23.083	ug/l #	39
78) n-propylbenzene	11.305	91	14022	1.157	ug/l	99
79) 2-Chlorotoluene	11.378	91	20105	2.738	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	24588	2.805	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	68739	52.318	ug/l #	5
82) 4-Chlorotoluene	11.451	91	3219	0.385	ug/l #	46
83) tert-Butylbenzene	11.750	119	9271	1.077	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.750	105	78996	9.011	ug/l	96
85) sec-Butylbenzene	11.750	105	78996	7.356	ug/l #	57
86) p-Isopropyltoluene	12.006	119	11311	1.280	ug/l	91
89) n-Butylbenzene	12.317	91	15676	1.982	ug/l #	1
90) Hexachloroethane	12.555	117	4868	2.717	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.926	75	180	0.219	ug/l #	9
95) Naphthalene	13.774	128	1374511	150.117	ug/l	99

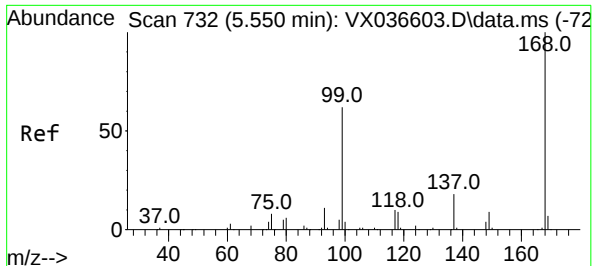
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
Data File : VX037045.D
Acq On : 17 Aug 2023 07:35
Operator : JC/MD
Sample : 03975-04 10X
Misc : 6.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

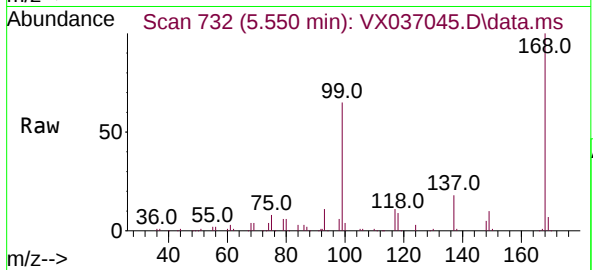
Quant Time: Aug 17 08:01:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



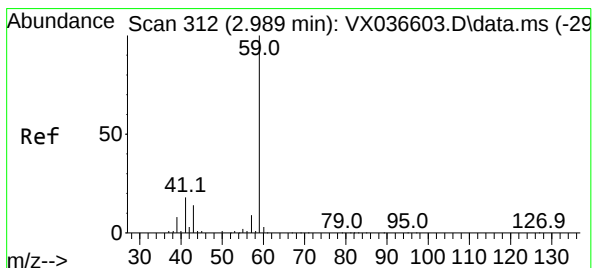
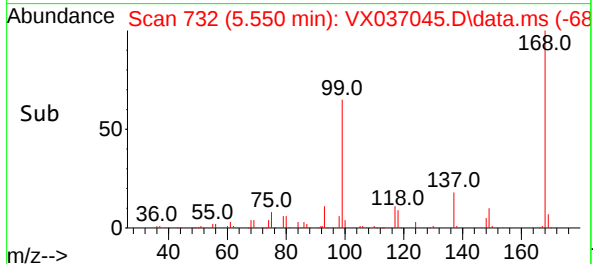
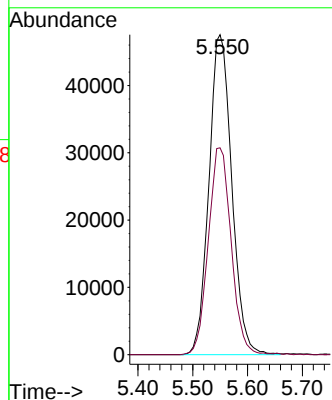


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

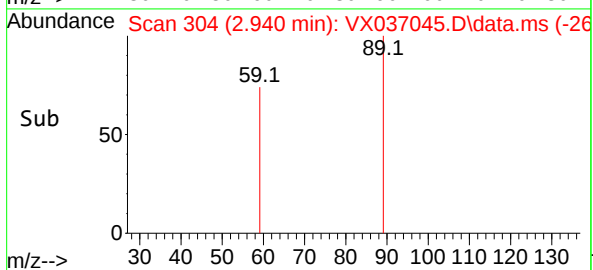
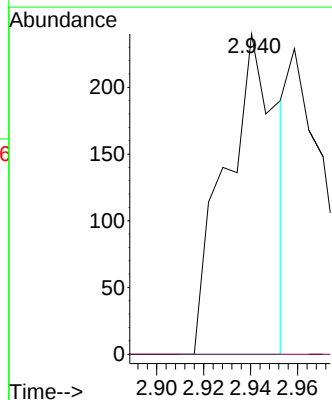
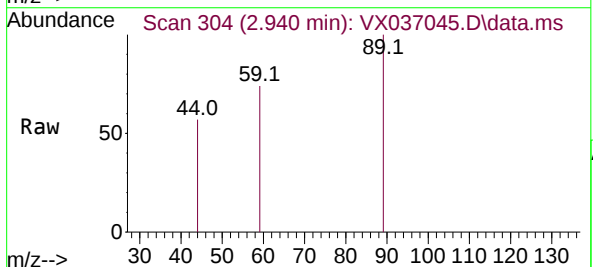


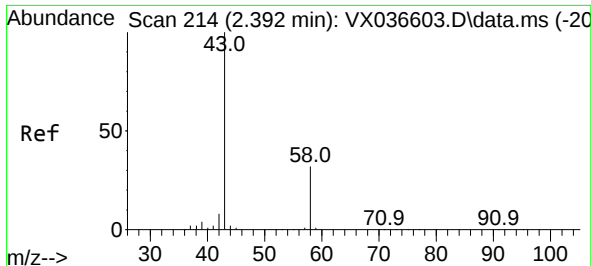
Tgt Ion:168 Resp: 137564
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.760 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 59 Resp: 366
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

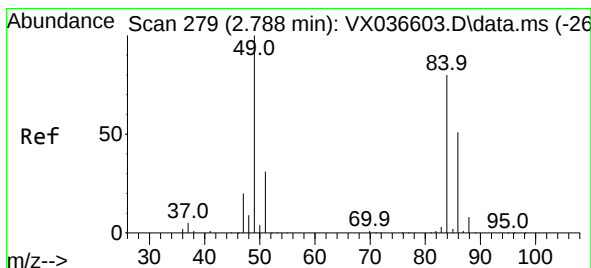
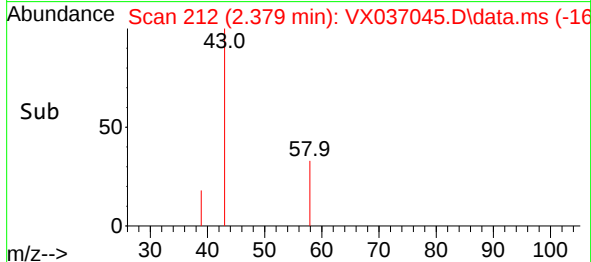
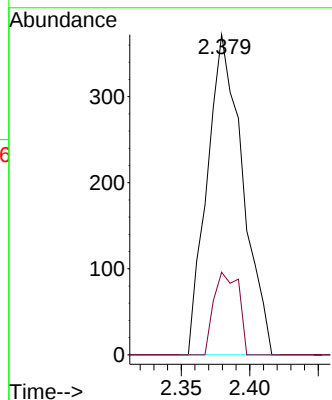
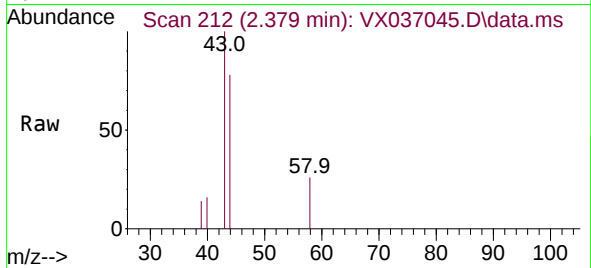




#16
Acetone
Concen: 0.793 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

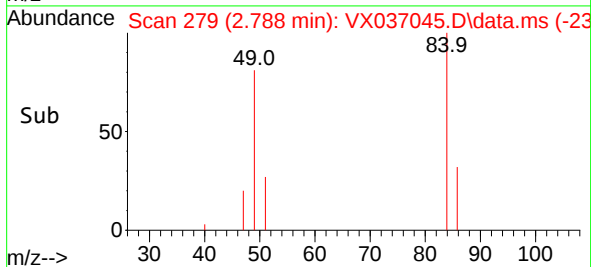
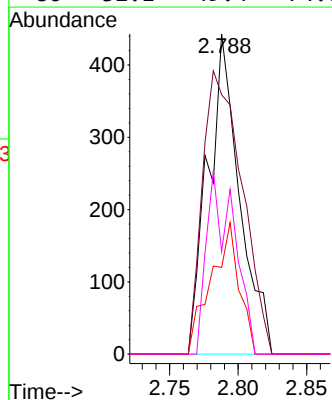
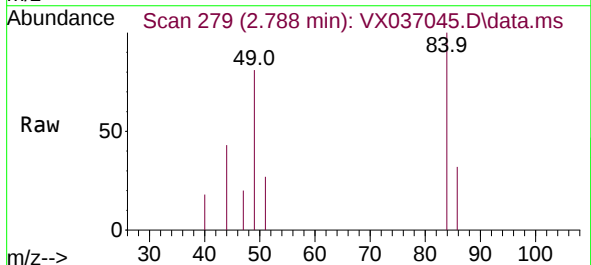
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

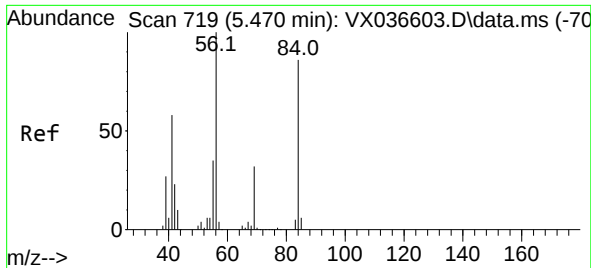
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 81.0 103.6 155.4#
51 27.1 33.8 50.6#
86 32.1 49.4 74.0#

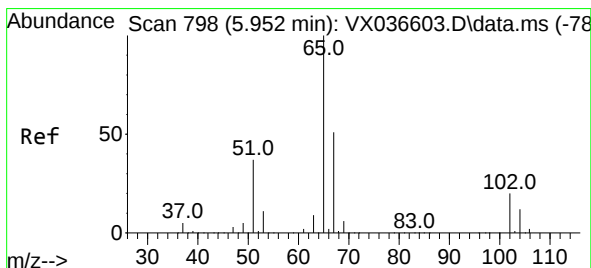
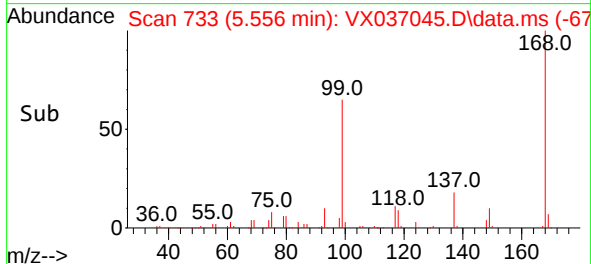
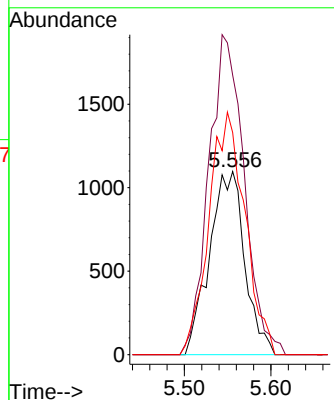
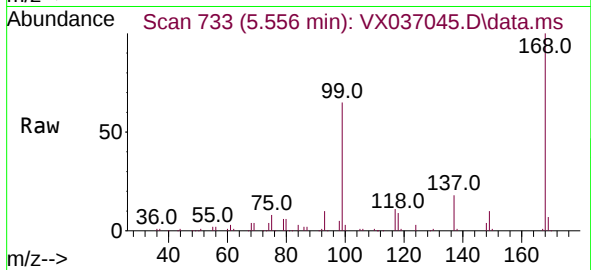




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

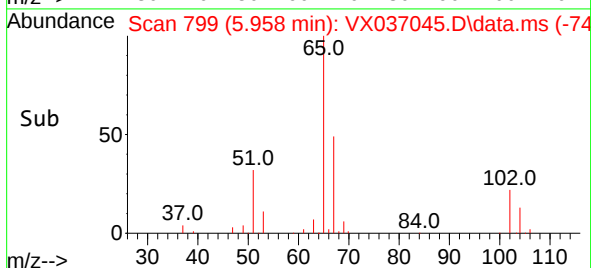
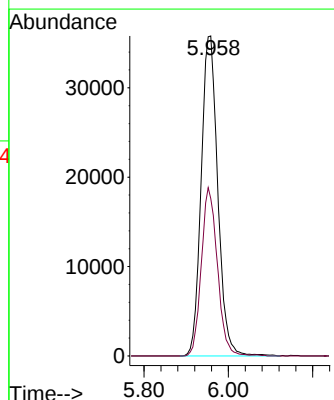
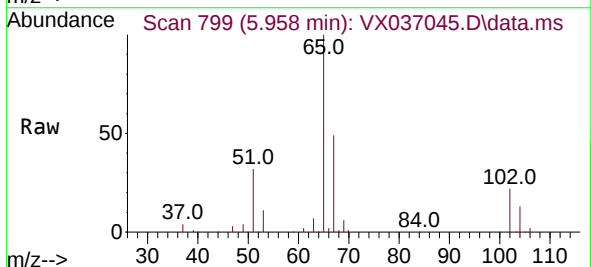
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

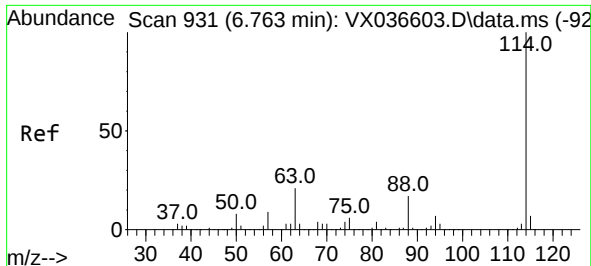
Tgt Ion: 56 Resp: 3103
Ion Ratio Lower Upper
56 100
69 152.6 23.4 35.2#
84 121.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.231 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 65 Resp: 98172
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

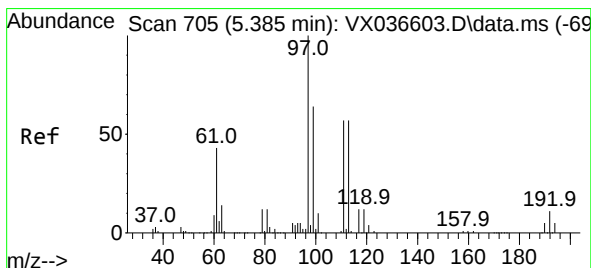
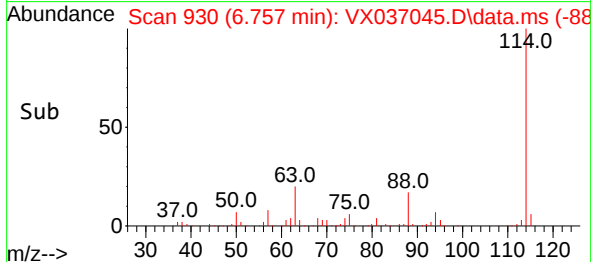
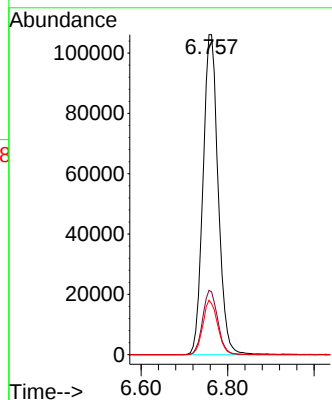
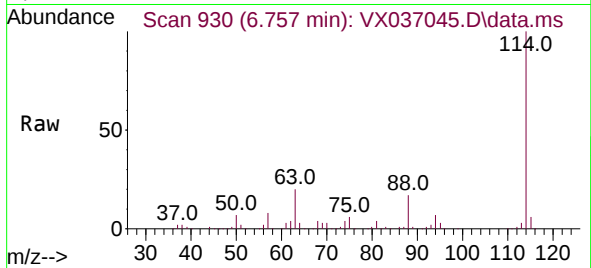




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

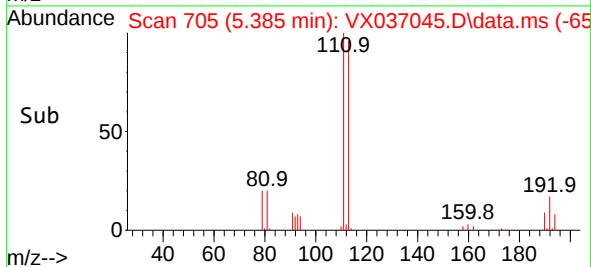
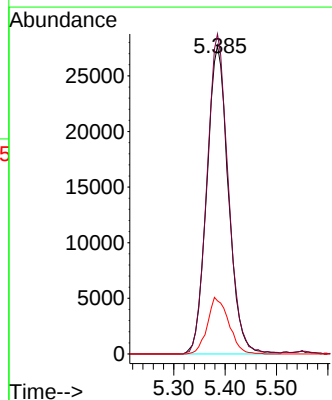
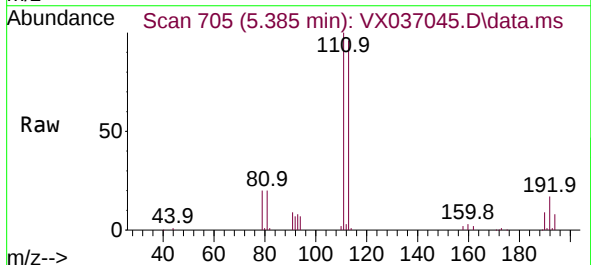
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

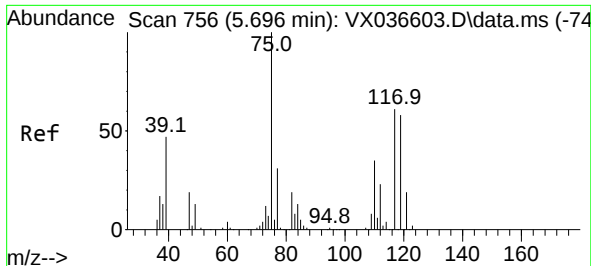
Tgt Ion:114 Resp: 257110
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.767 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion:113 Resp: 80881
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.1 13.3 19.9

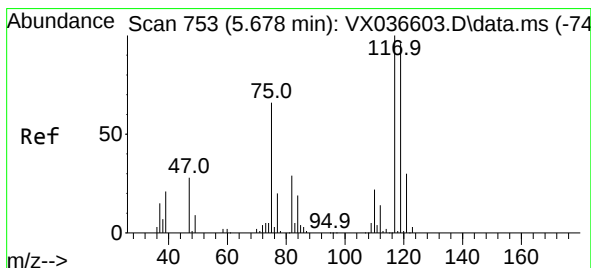
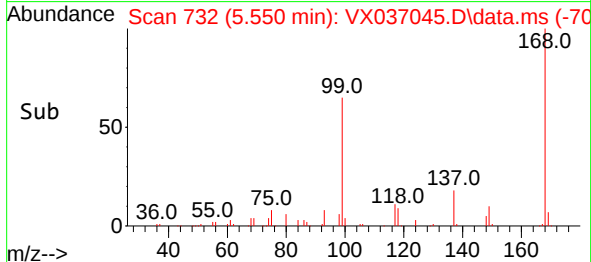
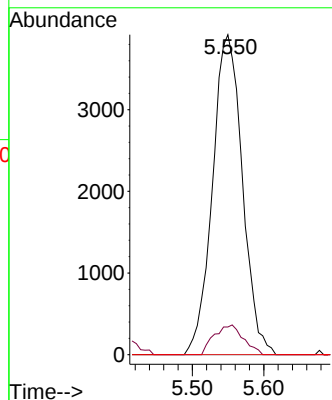
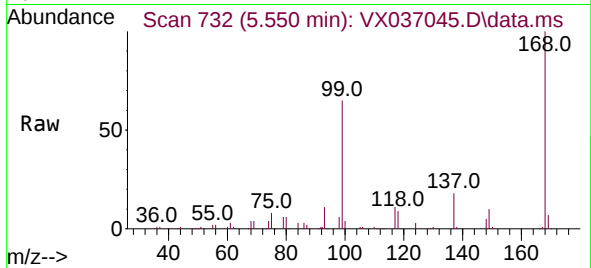




#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

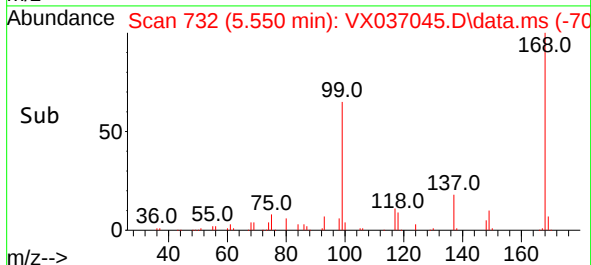
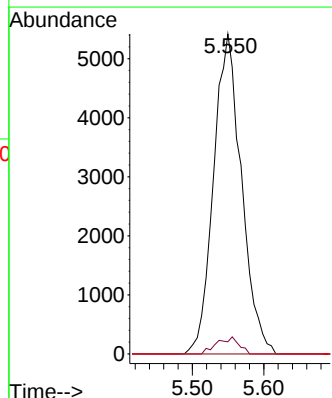
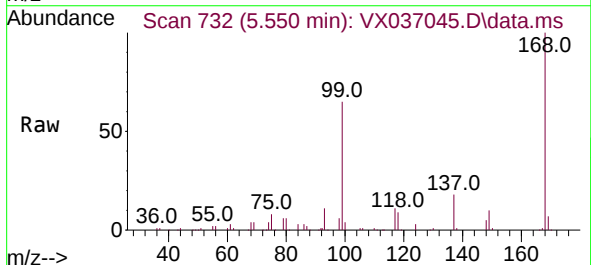
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

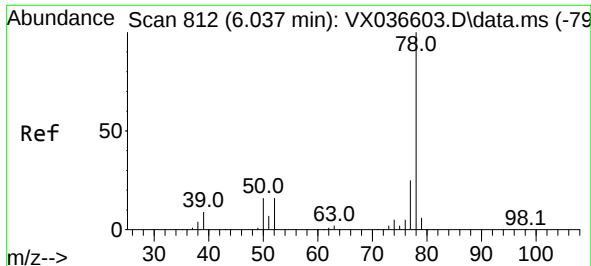
Tgt Ion: 75 Resp: 11363
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.248 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 117 Resp: 14696
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

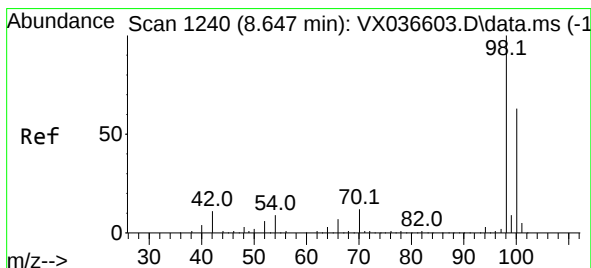
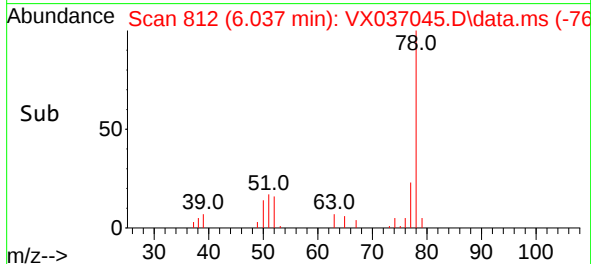
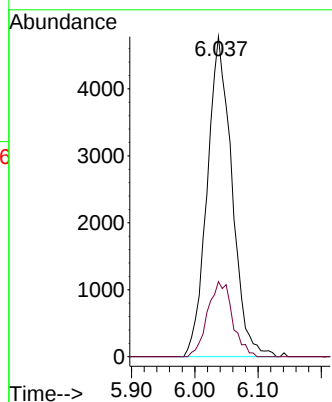
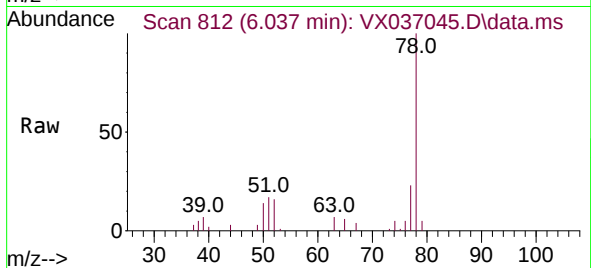




#40
Benzene
Concen: 1.697 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

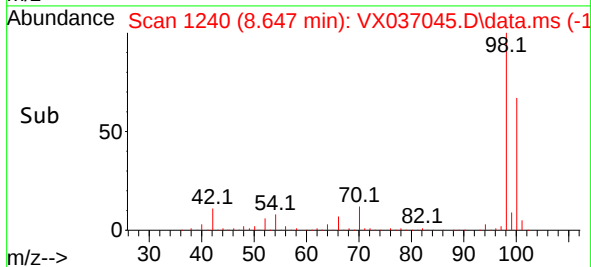
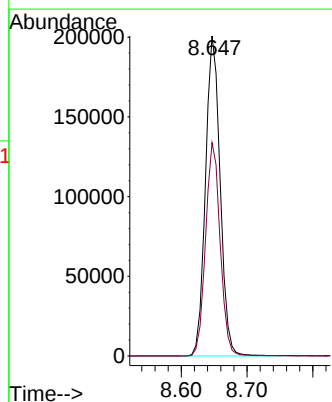
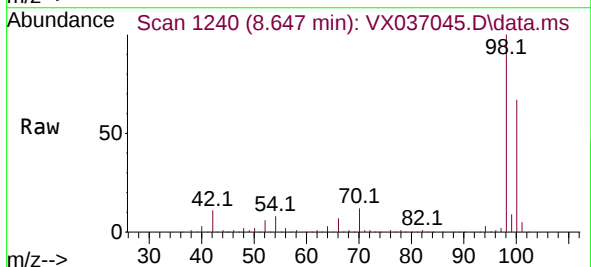
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

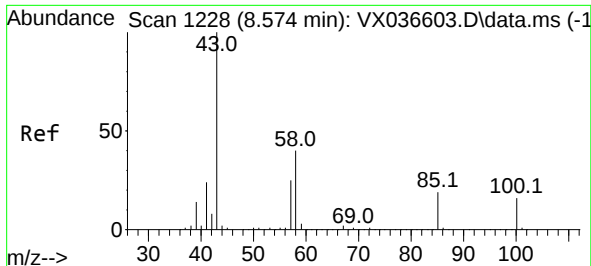
Tgt Ion: 78 Resp: 13007
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



#50
Toluene-d8
Concen: 49.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 98 Resp: 310945
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

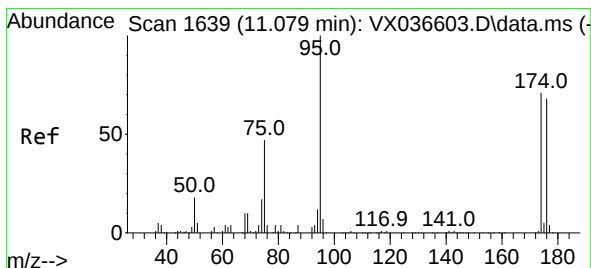
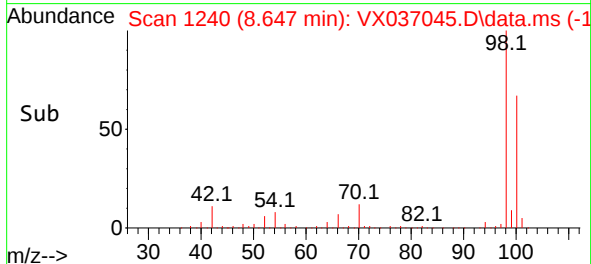
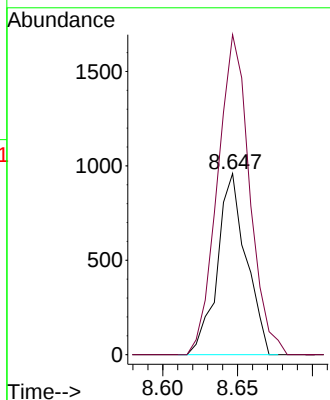
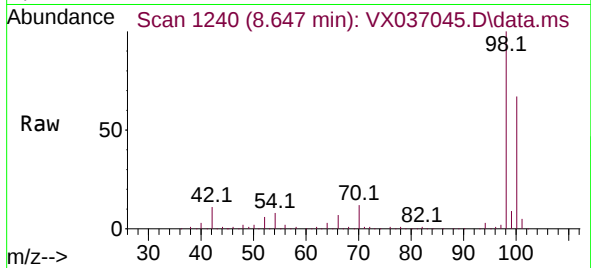




#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

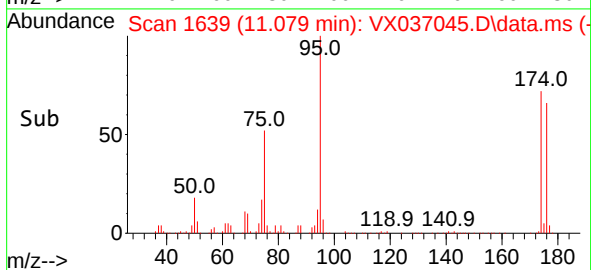
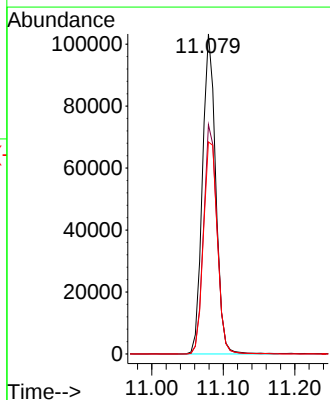
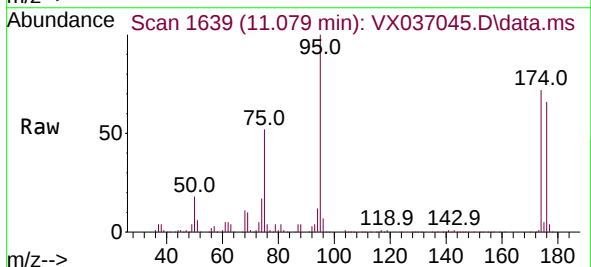
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

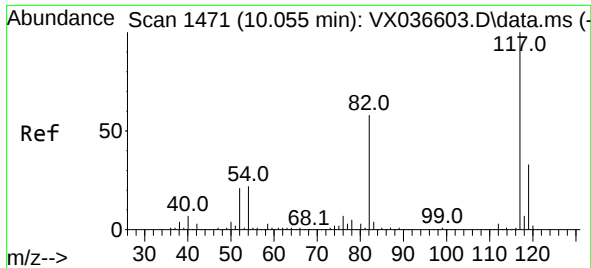
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 196.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 56.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 95 Resp: 133418
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.9 0.0 131.0

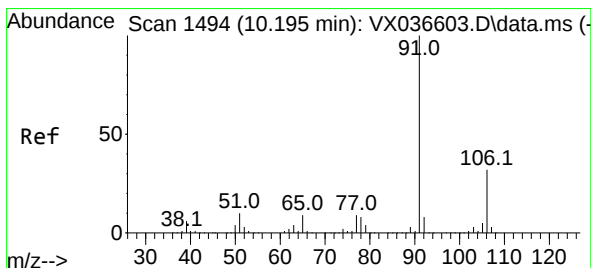
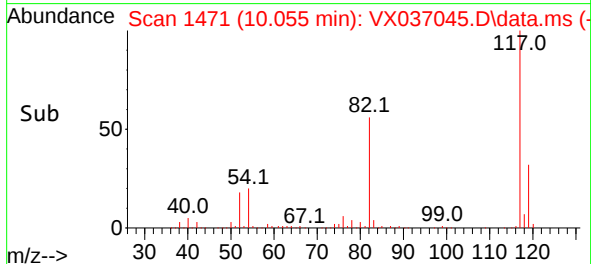
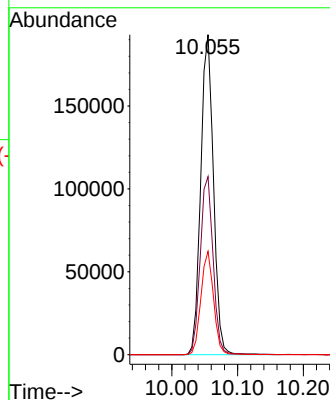
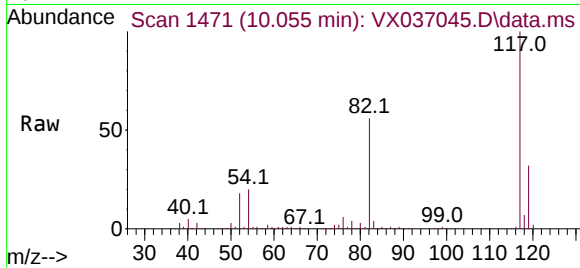




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

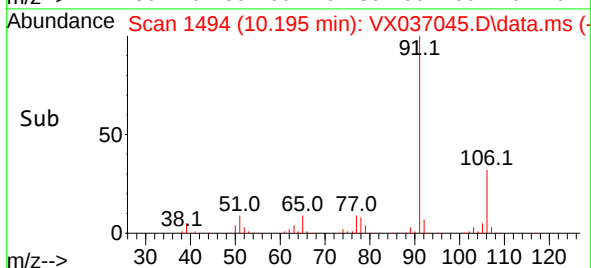
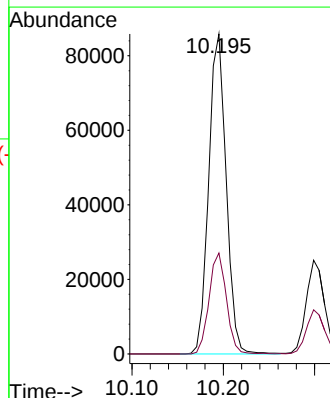
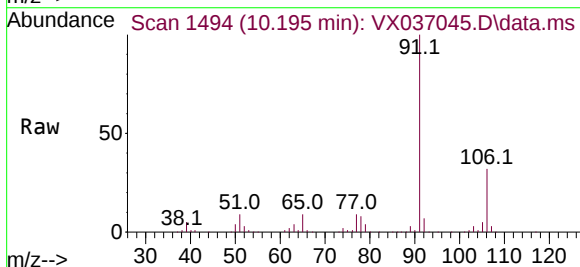
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

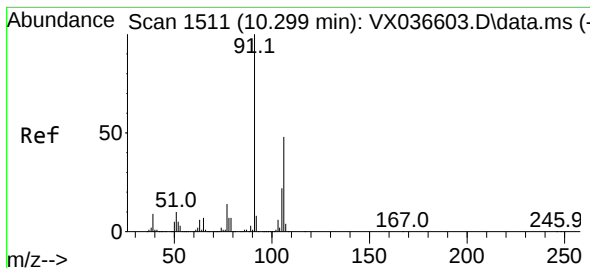
Tgt Ion:117 Resp: 259284
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 10.898 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 91 Resp: 113790
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





#68

m/p-Xylenes

Concen: 4.274 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

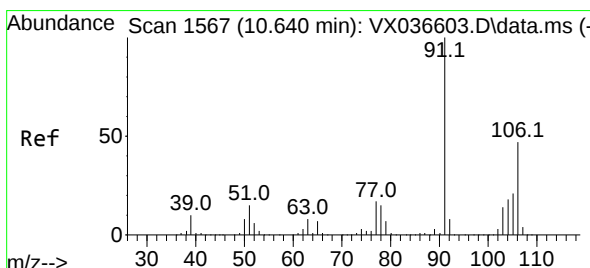
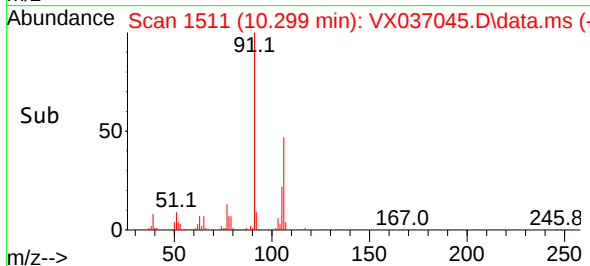
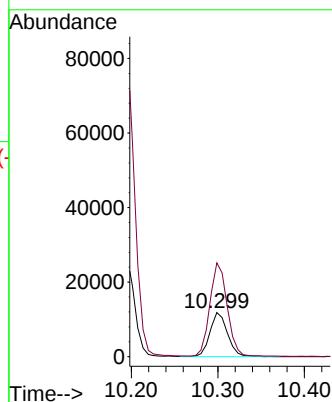
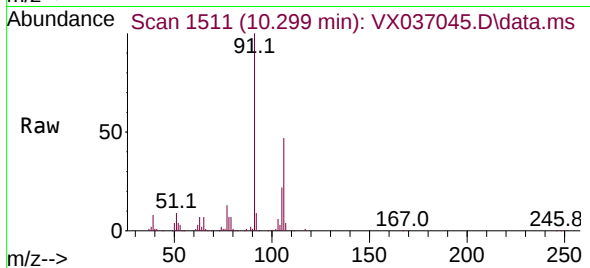
NEVINS-SB03-Z82-83

Tgt Ion:106 Resp: 16649

Ion Ratio Lower Upper

106 100

91 210.5 165.5 248.3



#69

o-Xylene

Concen: 2.821 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037045.D

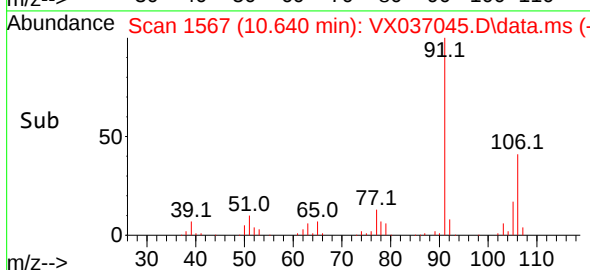
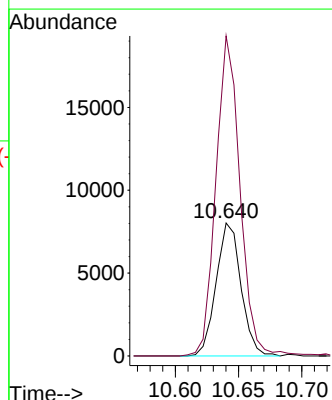
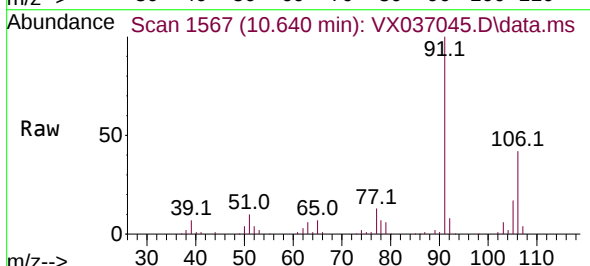
Acq: 17 Aug 2023 07:35

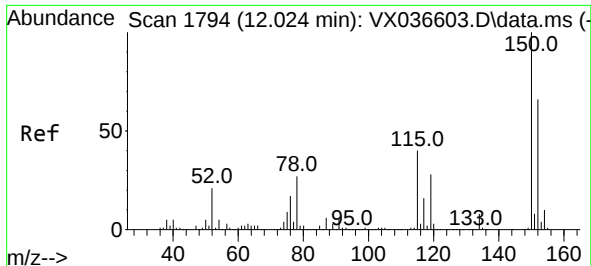
Tgt Ion:106 Resp: 10968

Ion Ratio Lower Upper

106 100

91 233.9 108.9 326.8

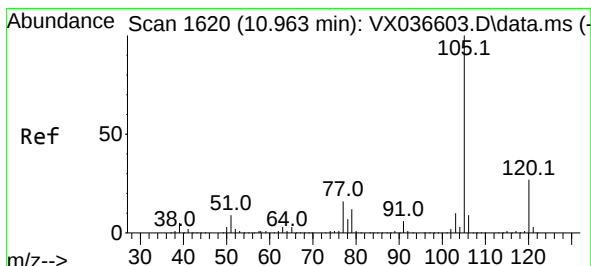
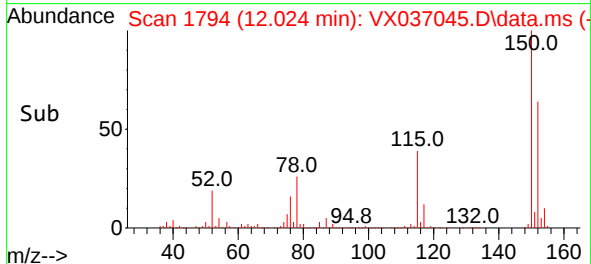
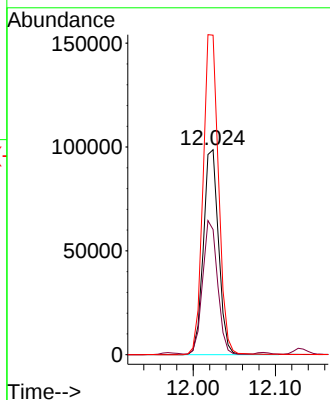
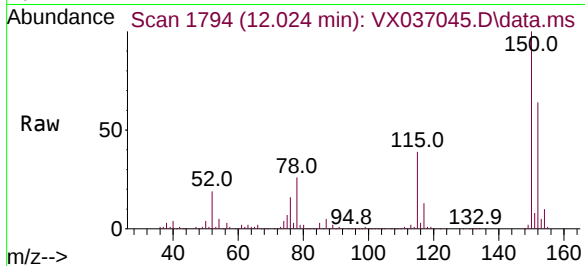




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

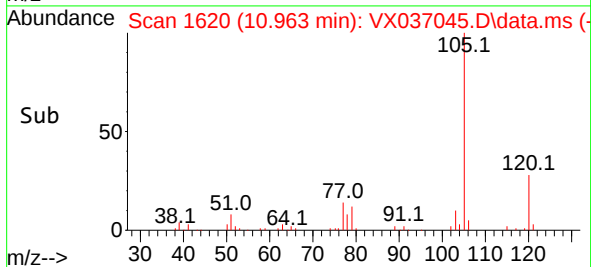
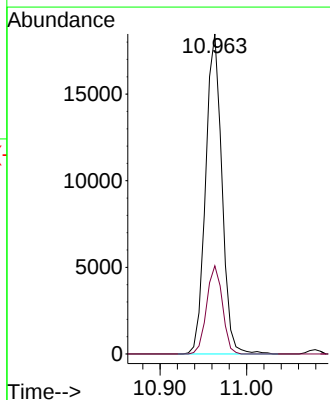
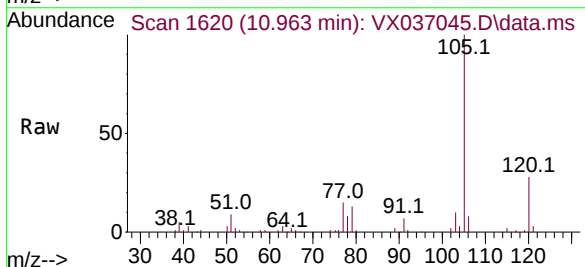
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

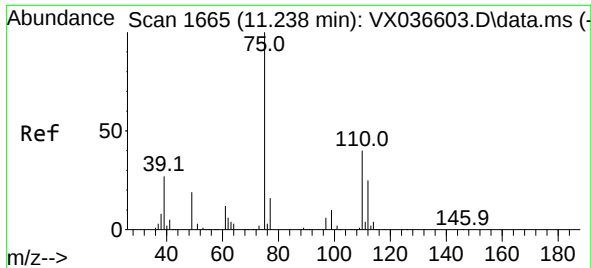
Tgt Ion:152 Resp: 126607
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 158.8 0.0 345.0



#73
Isopropylbenzene
Concen: 2.302 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion:105 Resp: 24117
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

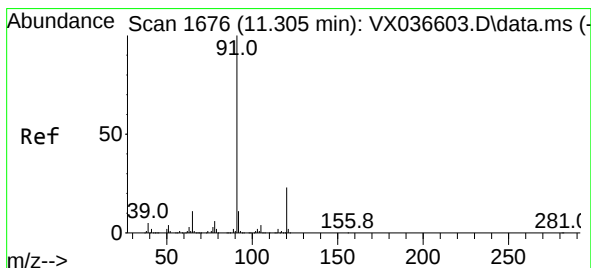
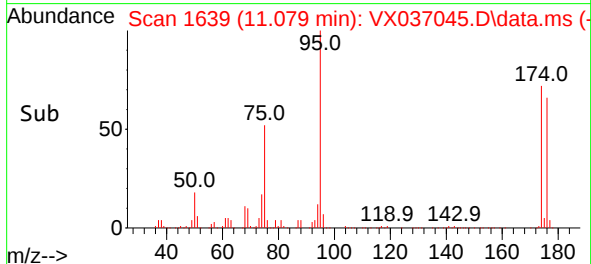
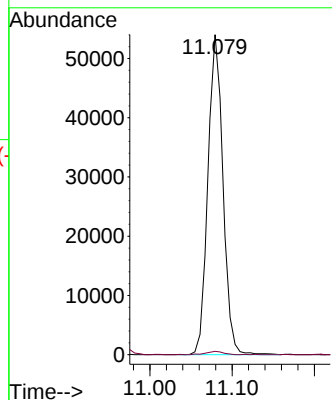
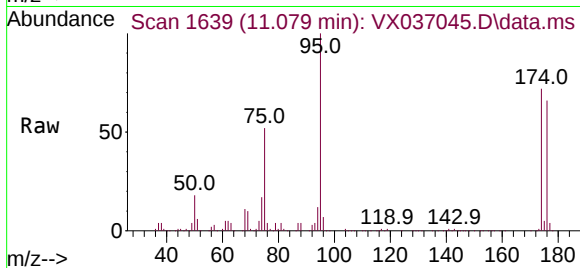




#76
1,2,3-Trichloropropane
Concen: 23.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

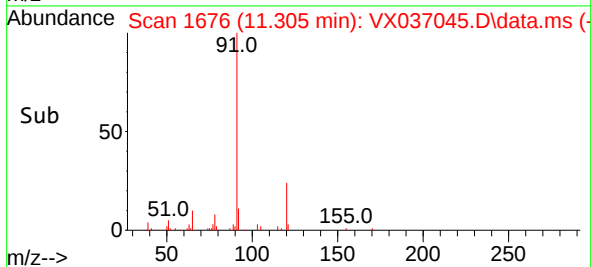
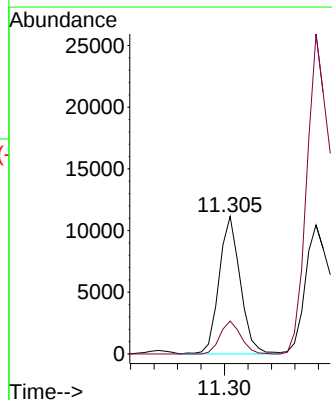
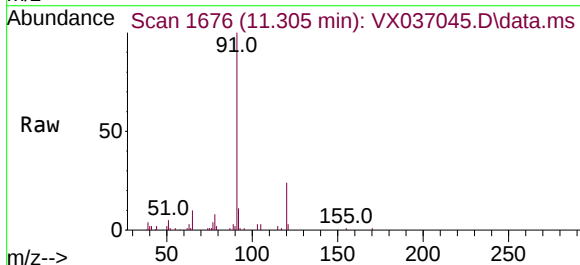
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

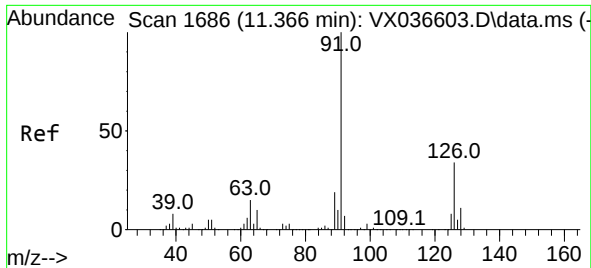
Tgt Ion: 75 Resp: 68739
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#78
n-propylbenzene
Concen: 1.157 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 91 Resp: 14022
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

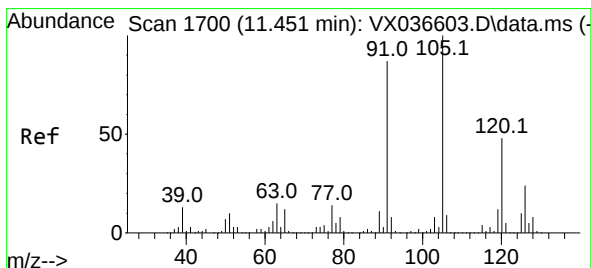
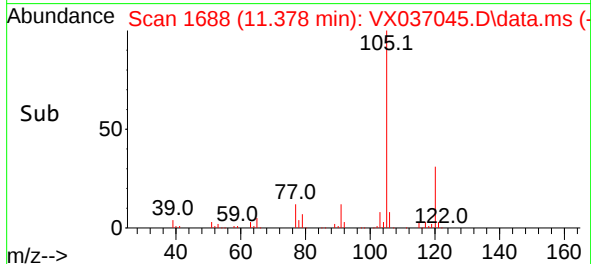
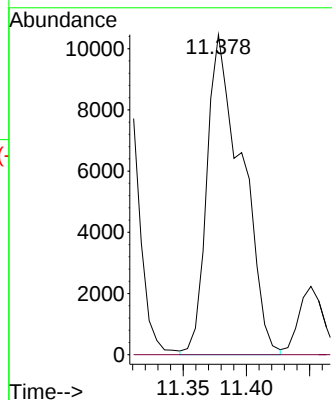
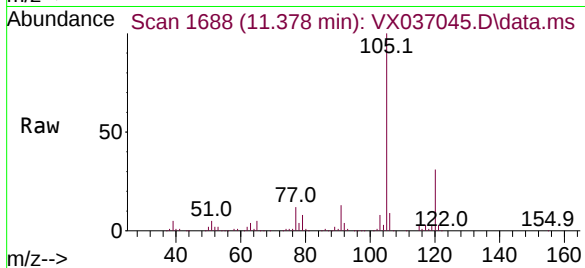




#79
2-Chlorotoluene
Concen: 2.738 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

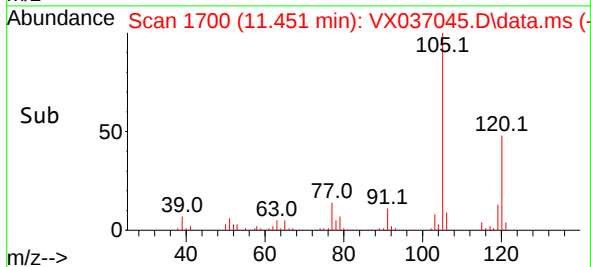
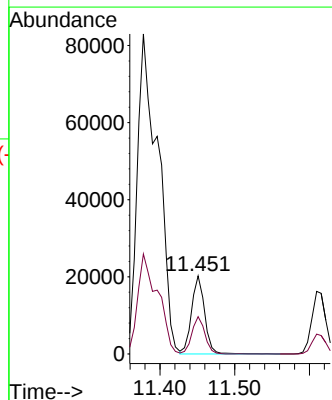
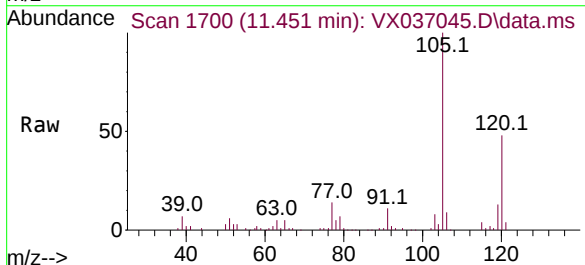
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

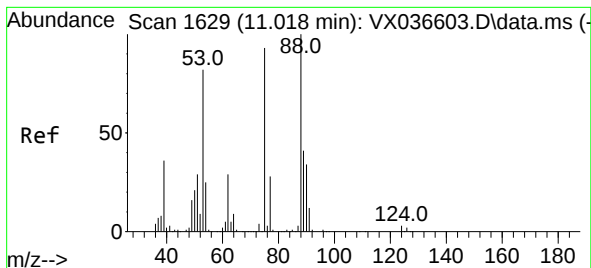
Tgt Ion: 91 Resp: 20105
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 2.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 105 Resp: 24588
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

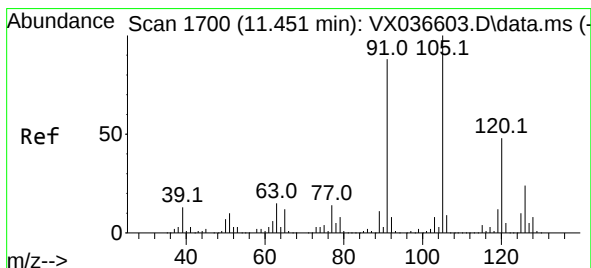
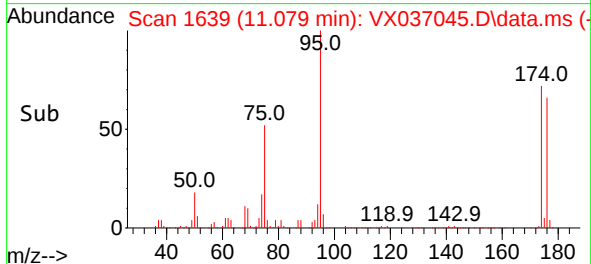
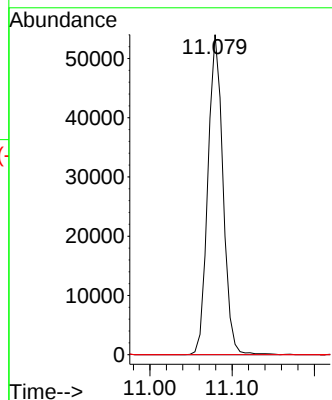
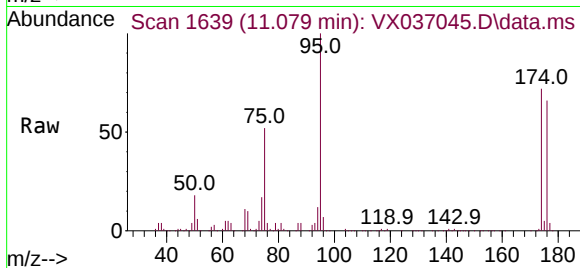




#81
trans-1,4-Dichloro-2-butene
Concen: 52.318 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

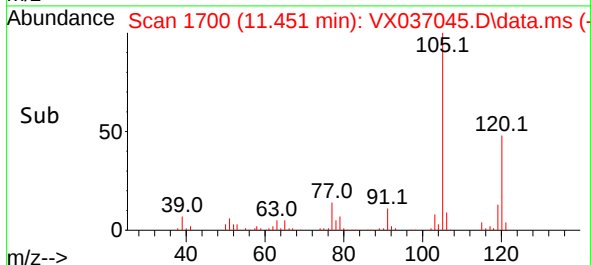
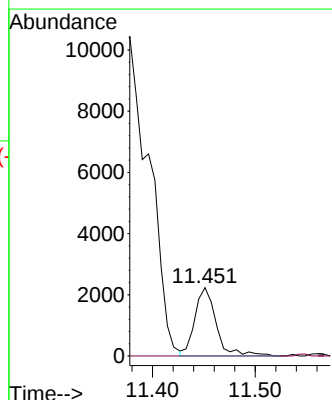
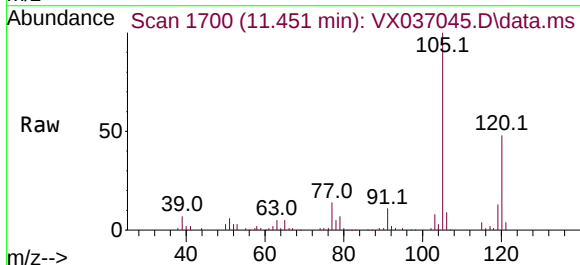
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

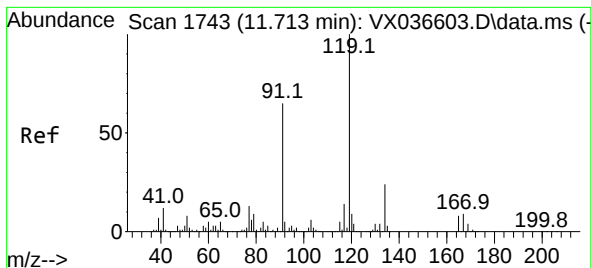
Tgt Ion: 75 Resp: 68739
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.385 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 91 Resp: 3219
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 1.077 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.036 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB03-Z82-83

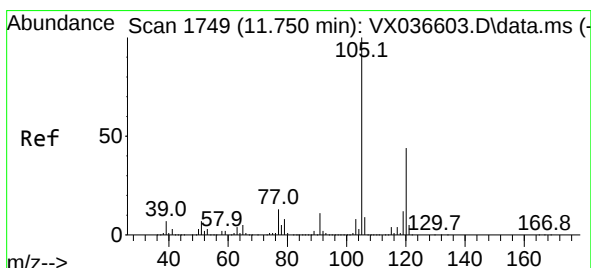
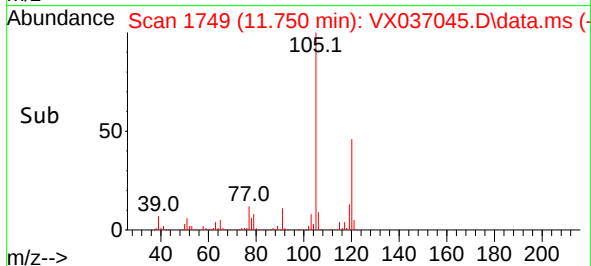
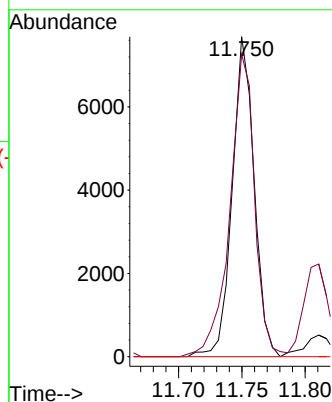
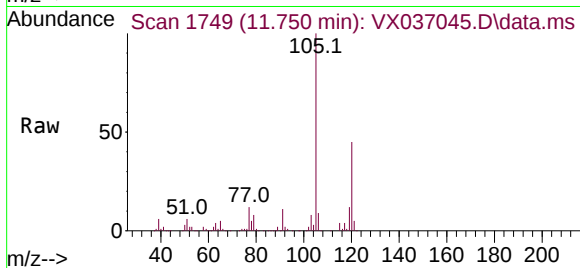
Tgt Ion:119 Resp: 9271

Ion Ratio Lower Upper

119 100

91 107.0 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 9.011 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037045.D

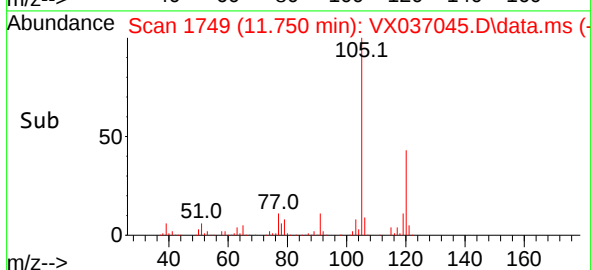
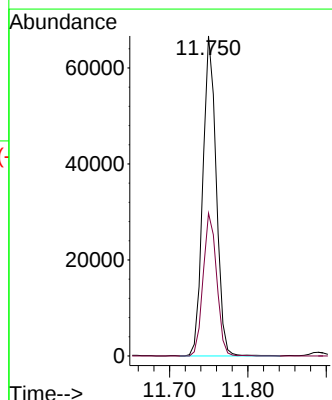
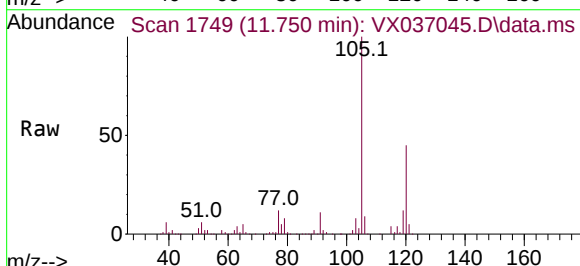
Acq: 17 Aug 2023 07:35

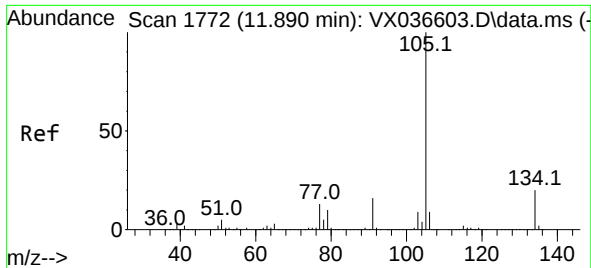
Tgt Ion:105 Resp: 78996

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6

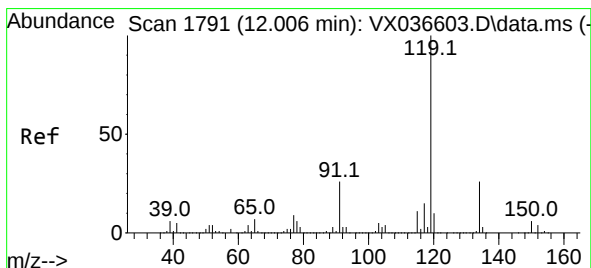
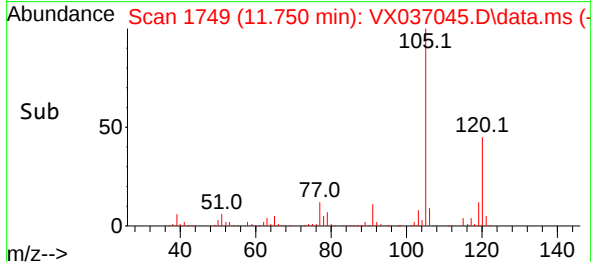
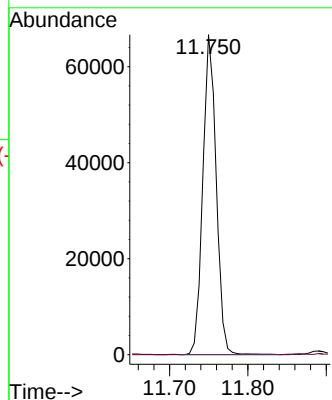
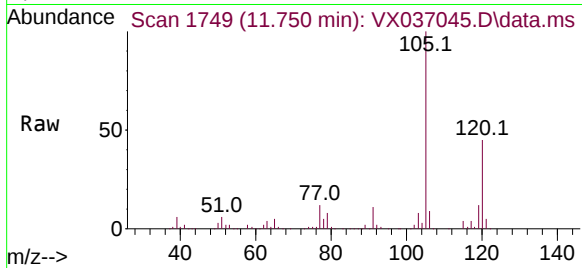




#85
sec-Butylbenzene
Concen: 7.356 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

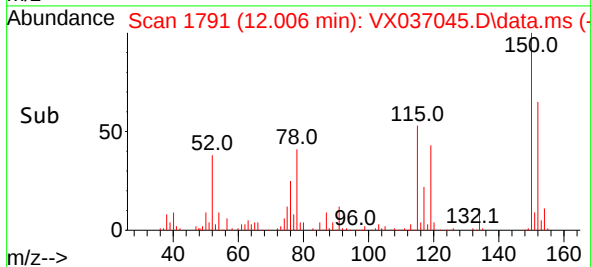
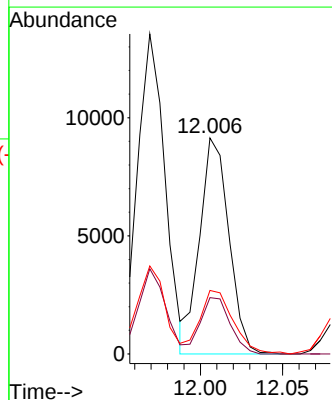
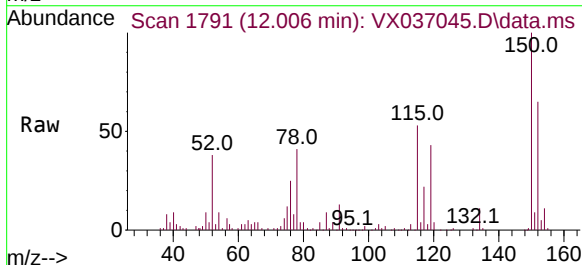
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

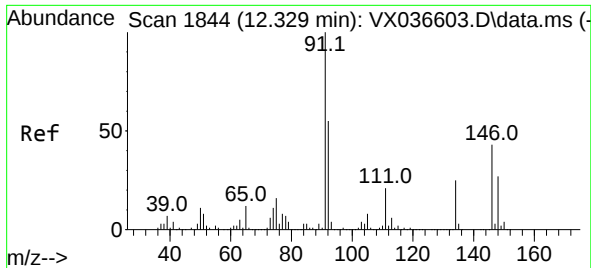
Tgt Ion:105 Resp: 78996
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 1.280 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion:119 Resp: 11311
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 33.9 13.1 39.3

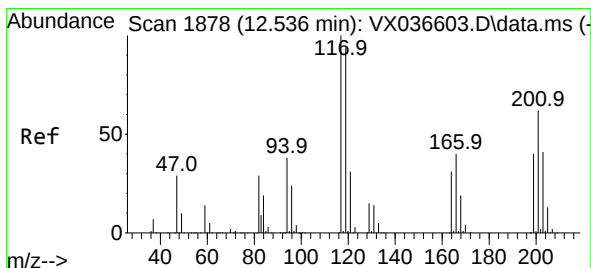
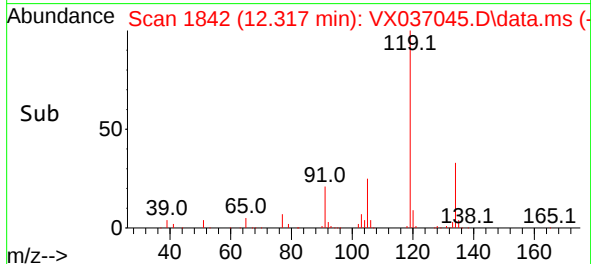
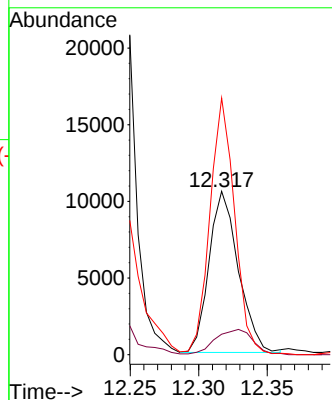
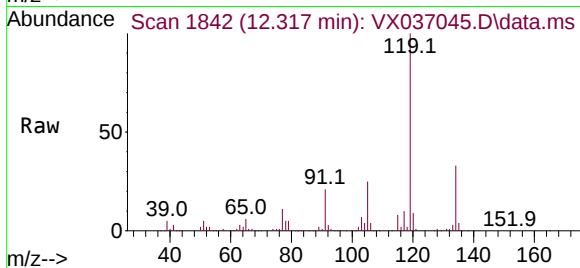




#89
n-Butylbenzene
Concen: 1.982 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.012 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

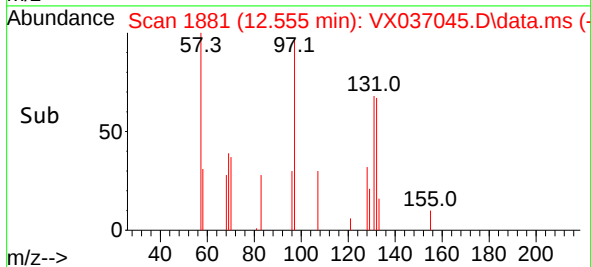
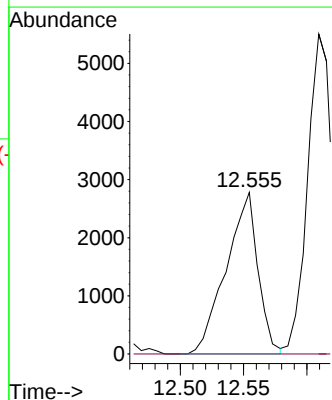
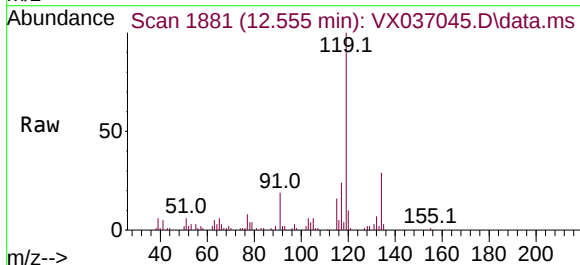
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB03-Z82-83

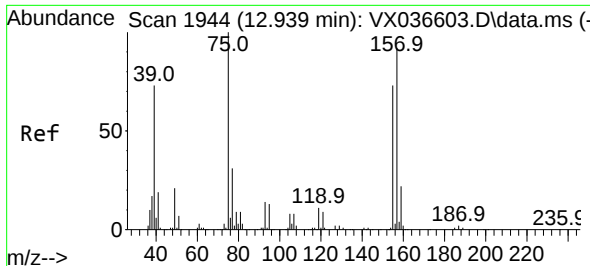
Tgt Ion: 91 Resp: 15676
Ion Ratio Lower Upper
91 100
92 20.0 27.4 82.0#
134 134.9 12.6 37.8#



#90
Hexachloroethane
Concen: 2.717 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.018 min
Lab File: VX037045.D
Acq: 17 Aug 2023 07:35

Tgt Ion: 117 Resp: 4868
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.219 ug/l

RT: 12.926 min Scan# 1944

Delta R.T. -0.012 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB03-Z82-83

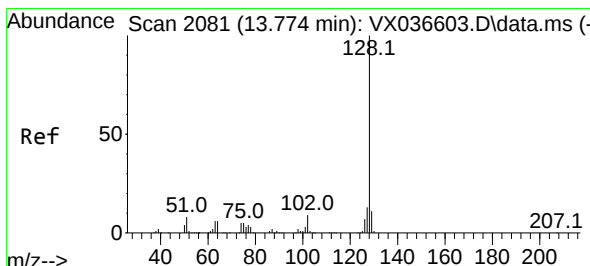
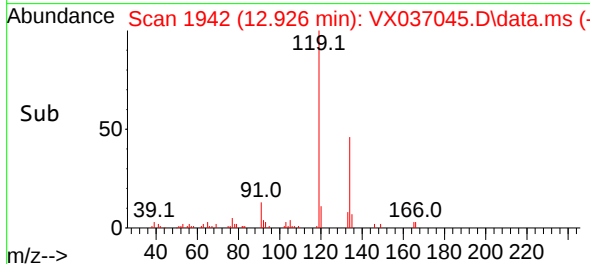
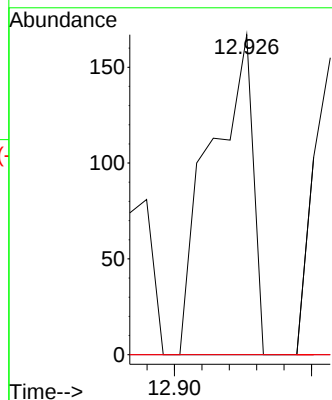
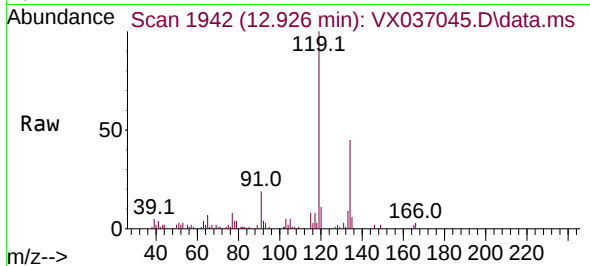
Tgt Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#



#95

Naphthalene

Concen: 150.117 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037045.D

Acq: 17 Aug 2023 07:35

Tgt Ion: 128 Resp: 1374511

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.8 13.2

