

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037038.D
 Acq On : 17 Aug 2023 04:48
 Operator : JC/MD
 Sample : 03958-01 10X
 Misc : 5.97g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z106-107

Quant Time: Aug 17 05:45:37 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)

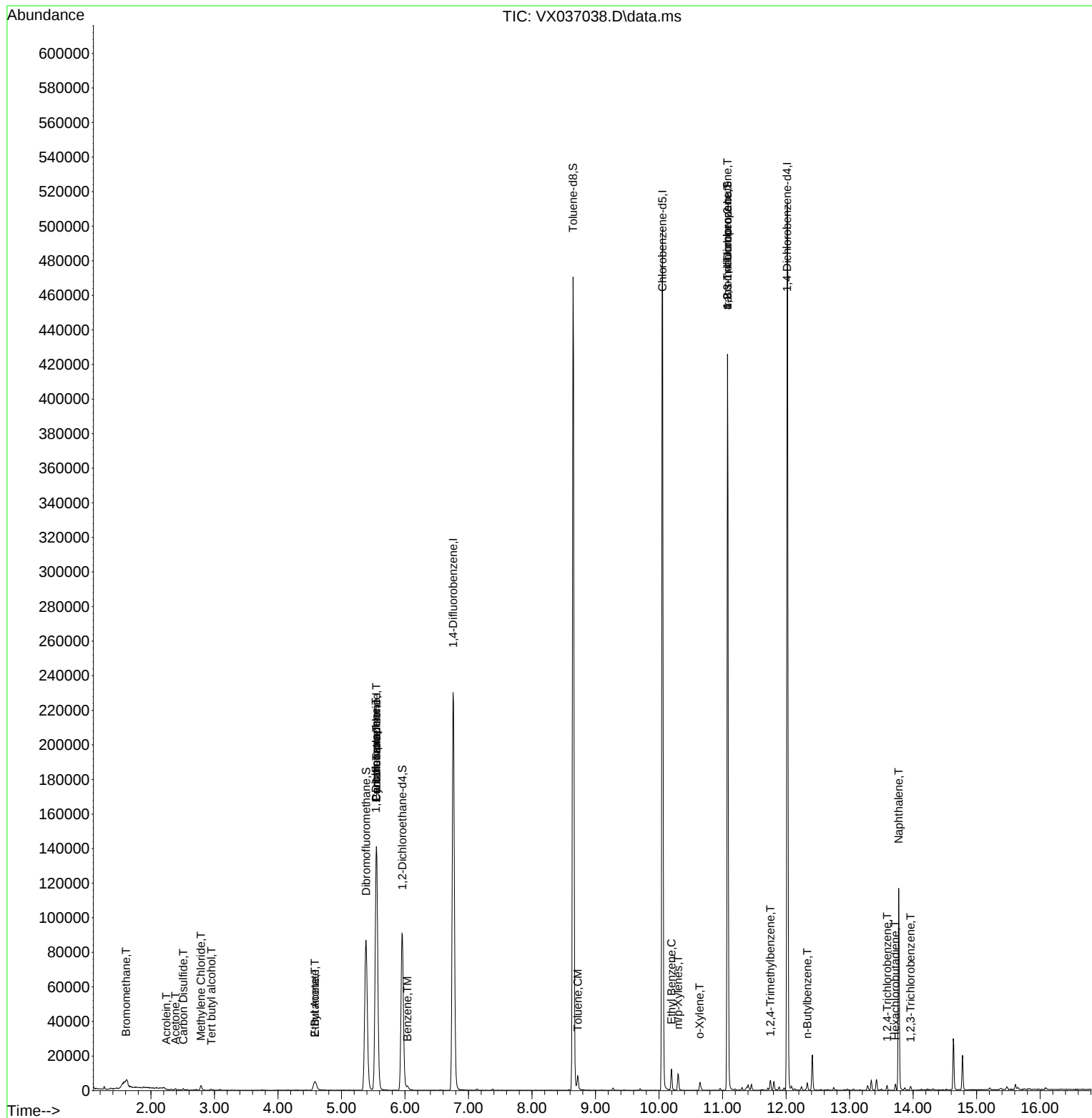
Internal Standards						
1) Pentafluorobenzene	5.550	168	129484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91790	47.909	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.820%		
35) Dibromofluoromethane	5.385	113	77385	46.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.800%		
50) Toluene-d8	8.647	98	287247	49.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	113307	51.331	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.660%		
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	214	0.226	ug/l	84
11) Tert butyl alcohol	2.953	59	556	1.226	ug/l #	78
13) Acrolein	2.239	56	127	0.491	ug/l #	1
16) Acetone	2.386	43	930	1.170	ug/l	99
17) Carbon Disulfide	2.508	76	964	0.241	ug/l	95
20) Methylene Chloride	2.788	84	1475	0.834	ug/l #	78
25) 2-Butanone	4.580	43	595	0.461	ug/l #	51
31) Cyclohexane	5.550	56	2861	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11040	4.489	ug/l #	51
37) Ethyl Acetate	4.580	43	595	0.214	ug/l #	63
38) Carbon Tetrachloride	5.550	117	13915	5.323	ug/l #	14
40) Benzene	6.037	78	2482	0.347	ug/l	93
52) Toluene	8.720	92	3039	0.678	ug/l	89
67) Ethyl Benzene	10.195	91	7439	0.809	ug/l	96
68) m/p-Xylenes	10.299	106	2441	0.712	ug/l	95
69) o-Xylene	10.640	106	1024	0.299	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	59025	23.538	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59025	53.351	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2966	0.402	ug/l	95
89) n-Butylbenzene	12.335	91	1611	0.242	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	807	0.365	ug/l	91
94) Hexachlorobutadiene	13.719	225	605	0.661	ug/l	91
95) Naphthalene	13.774	128	71161	9.229	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	747	0.343	ug/l	97

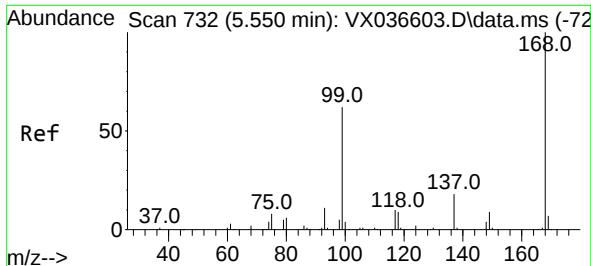
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB02-Z106-107

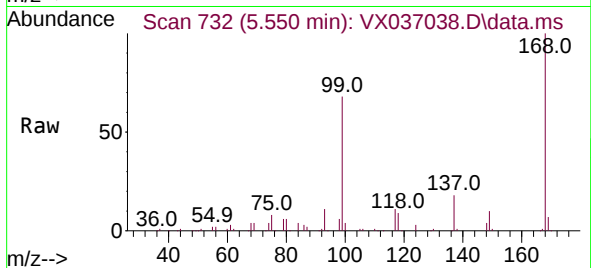
Quant Time: Aug 17 05:45:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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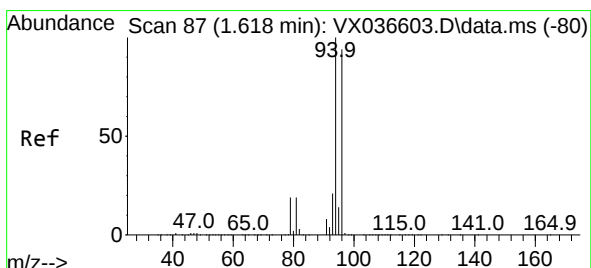
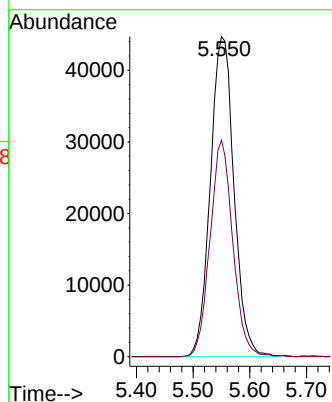
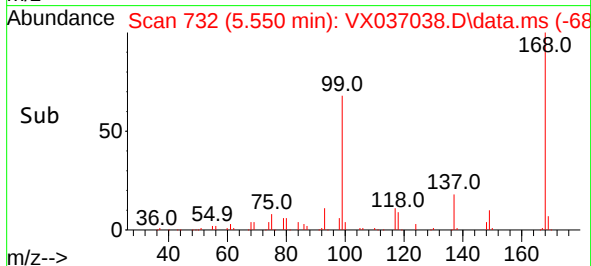


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037038.D
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Instrument :
MSVOA_X
ClientSampleId :
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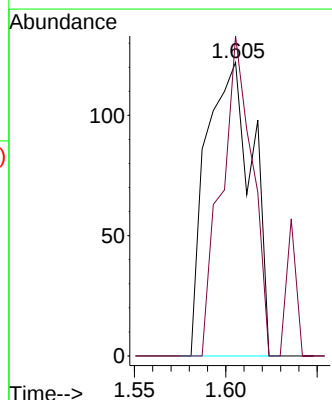
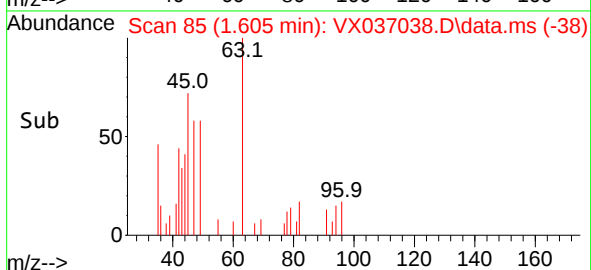
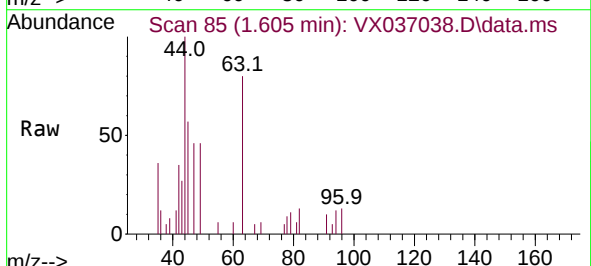


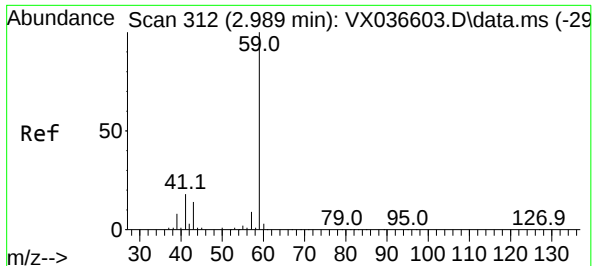
Tgt Ion:168 Resp: 129484
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 109.0 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.226 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.037 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

Instrument :

MSVOA_X

ClientSampleId :

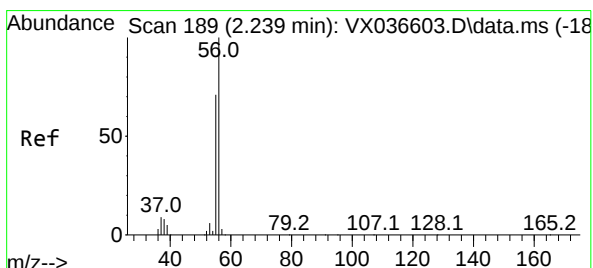
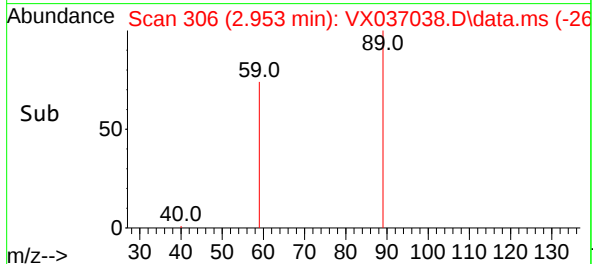
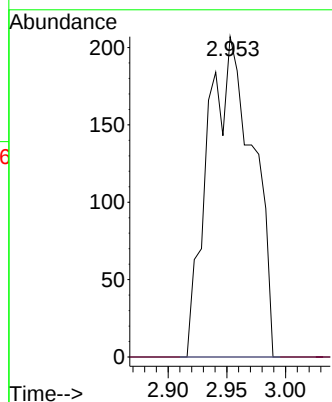
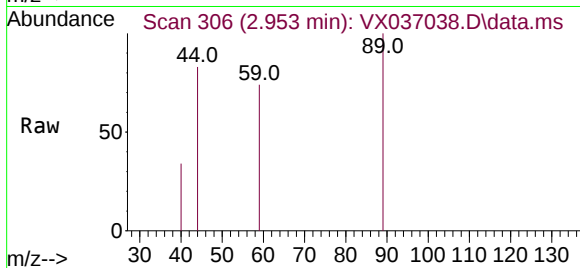
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Tgt Ion: 59 Resp: 556

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.491 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX037038.D

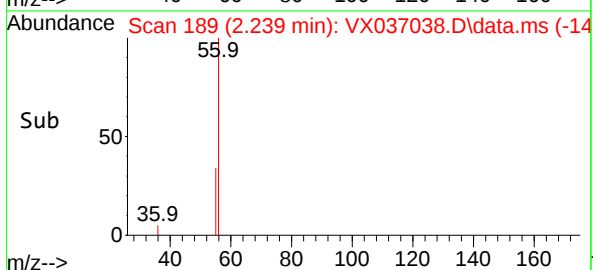
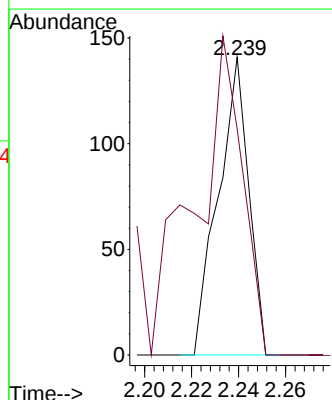
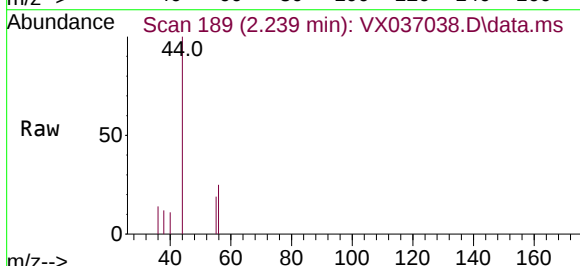
Acq: 17 Aug 2023 04:48

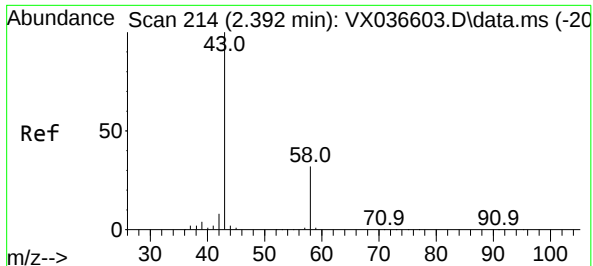
Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 166.1 57.1 85.7#

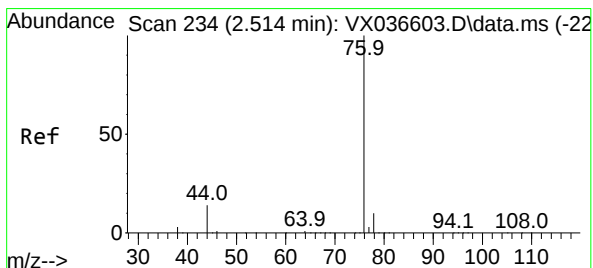
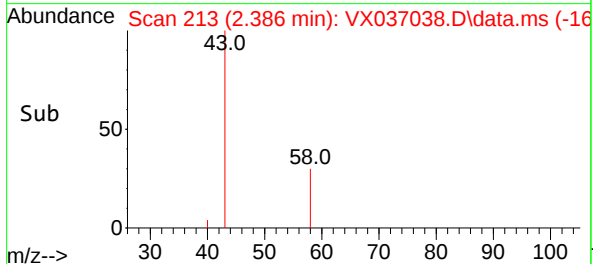
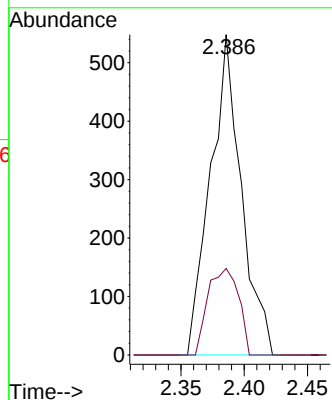
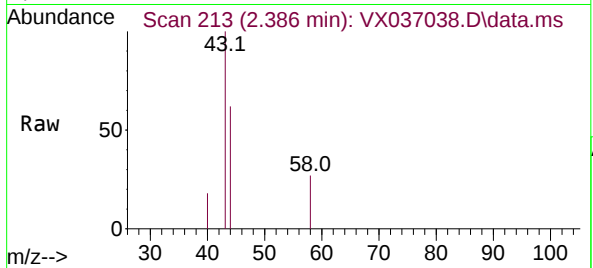




#16
Acetone
Concen: 1.170 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

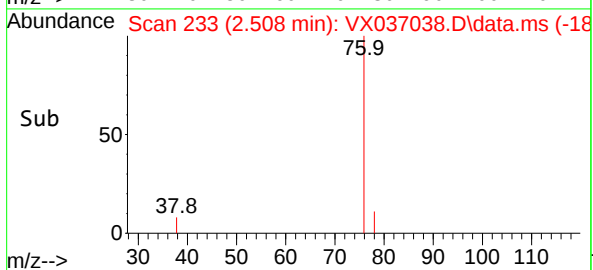
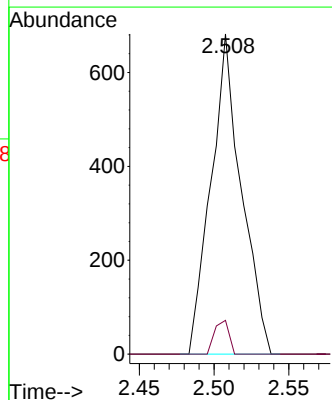
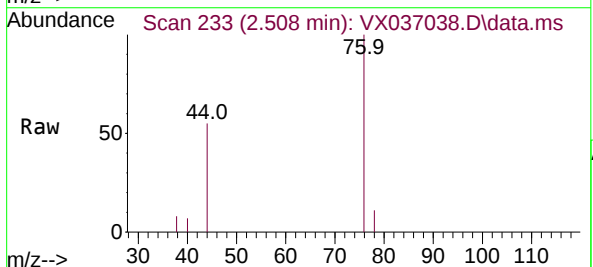
Instrument :
MSVOA_X
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NEVINS-SB02-Z106-107

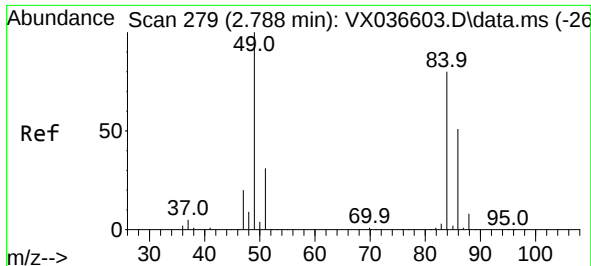
Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 76 Resp: 964
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.6

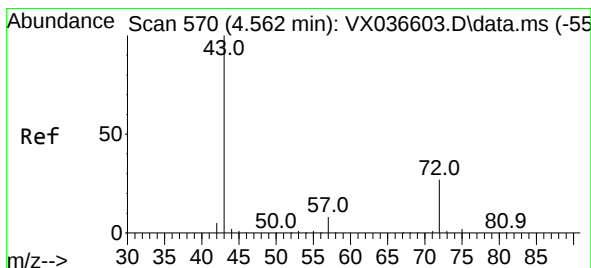
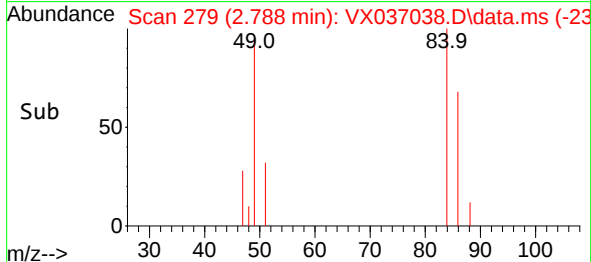
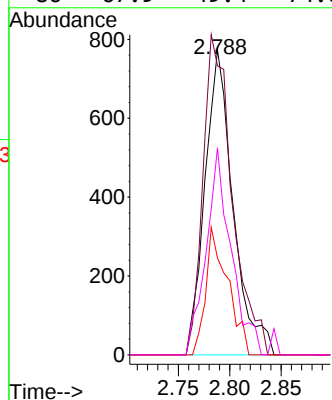
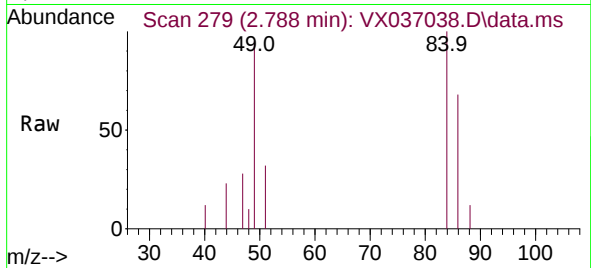




#20
Methylene Chloride
Concen: 0.834 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

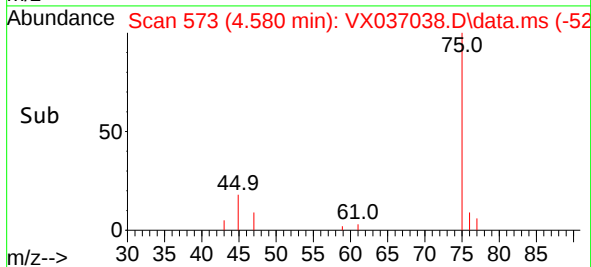
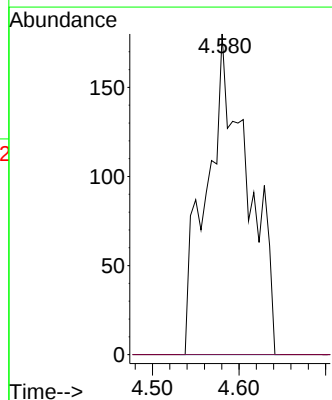
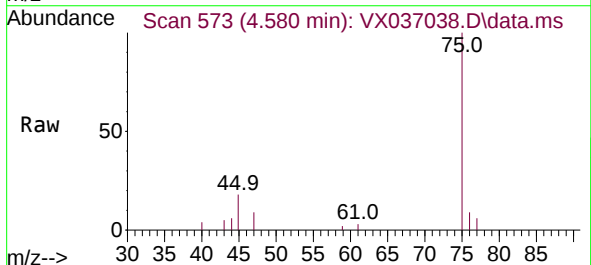
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

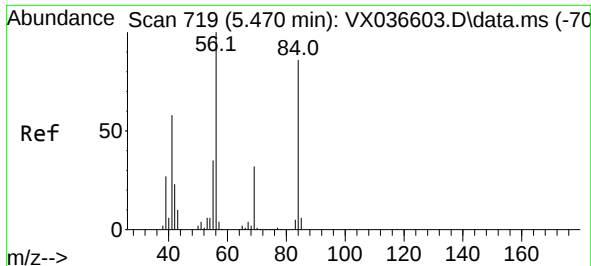
Tgt Ion:	84	Resp:	1475
Ion	Ratio	Lower	Upper
84	100		
49	94.8	103.6	155.4#
51	31.8	33.8	50.6#
86	67.9	49.4	74.0



#25
2-Butanone
Concen: 0.461 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion:	43	Resp:	595
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

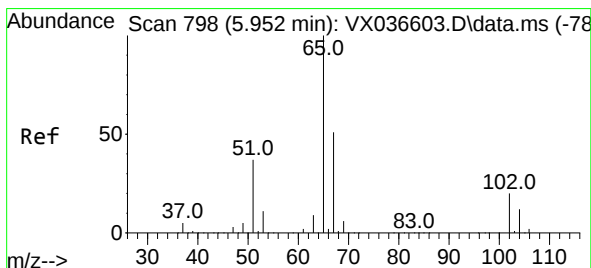
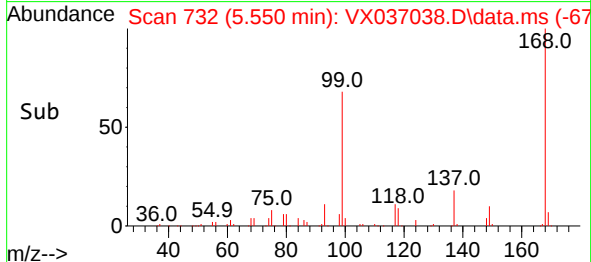
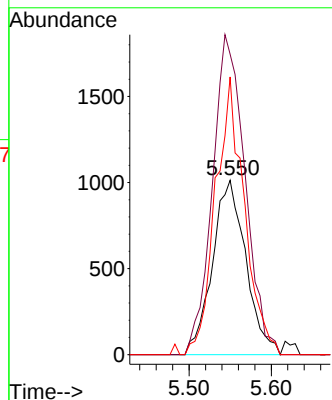
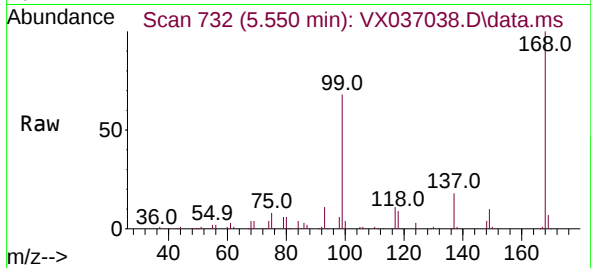




#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

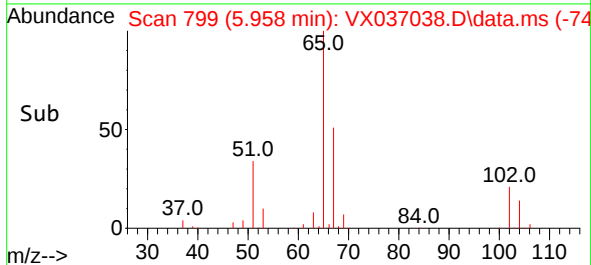
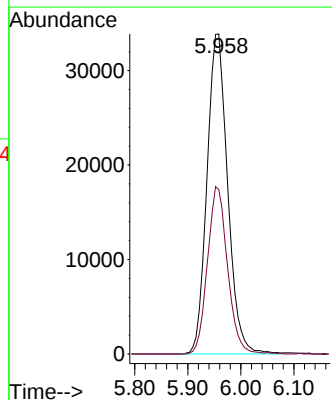
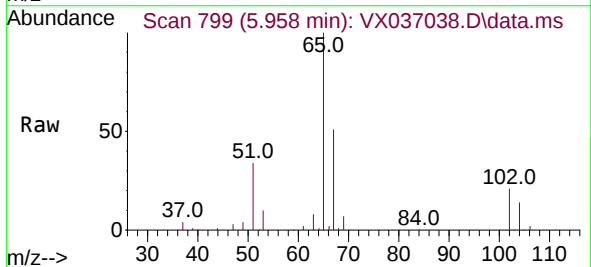
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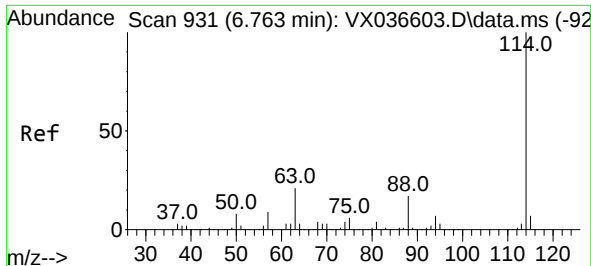
Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 172.4 23.4 35.2#
84 159.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.909 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 65 Resp: 91790
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

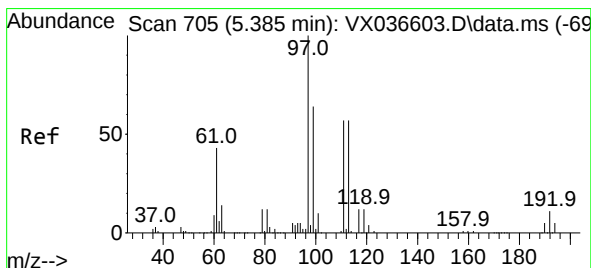
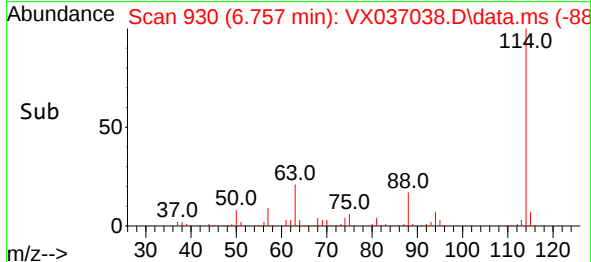
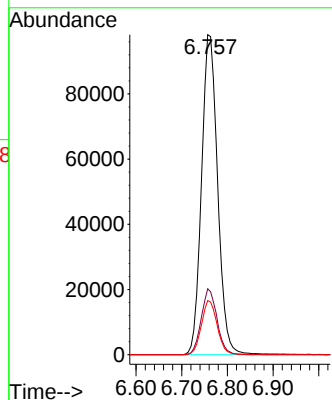
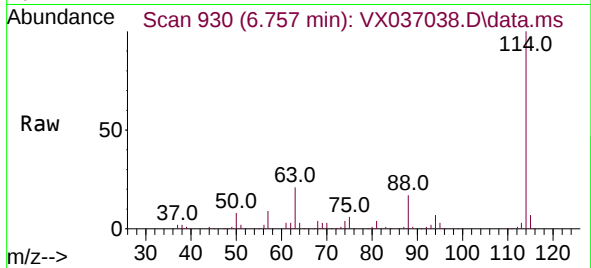




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

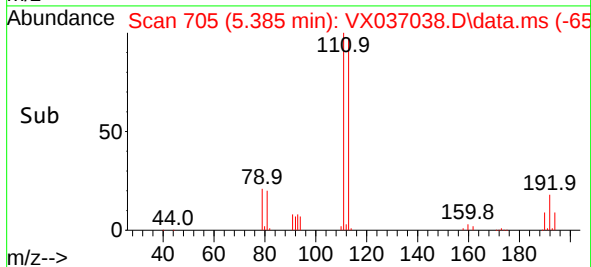
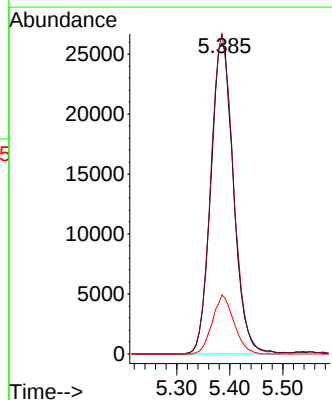
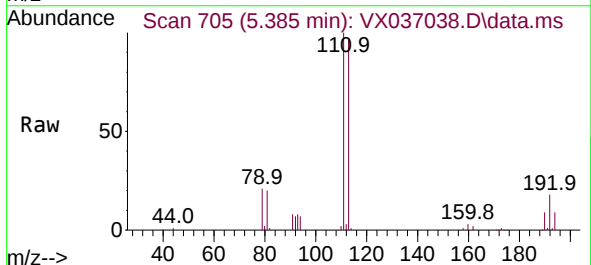
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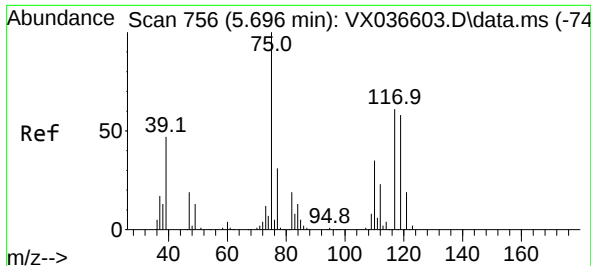
Tgt Ion:114 Resp: 240033
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion:113 Resp: 77385
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.9 13.3 19.9

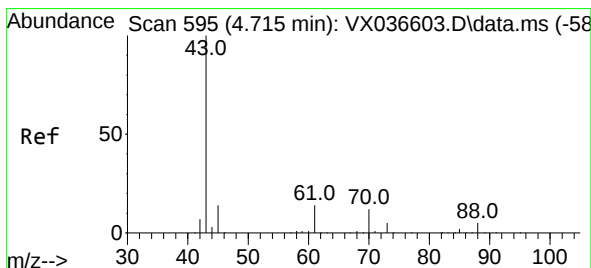
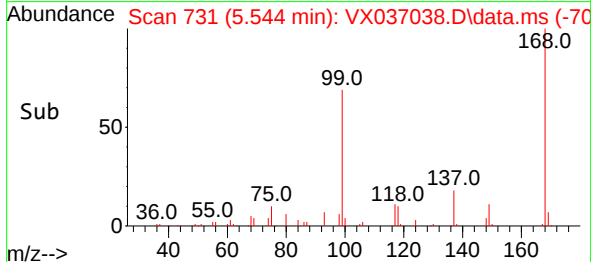
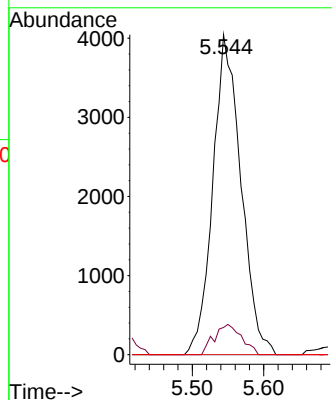
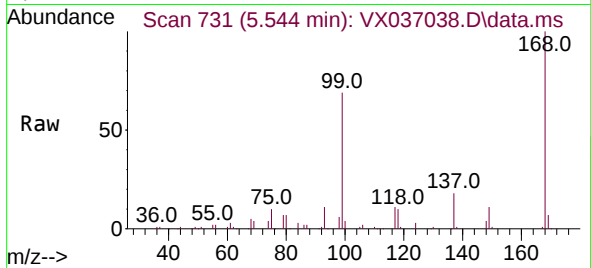




#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

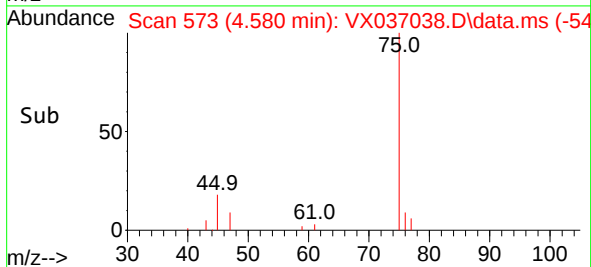
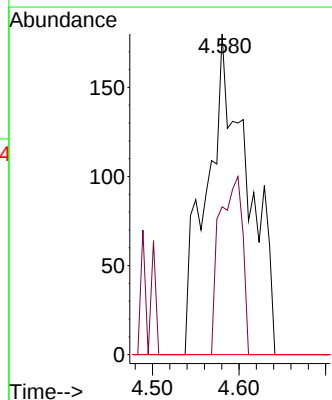
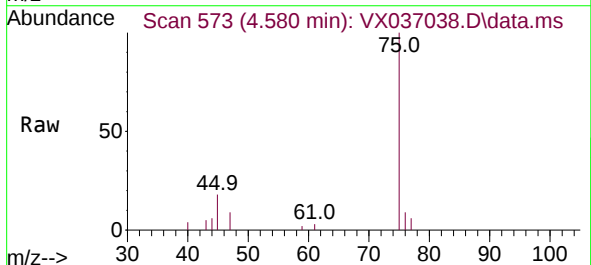
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NEVINS-SB02-Z106-107

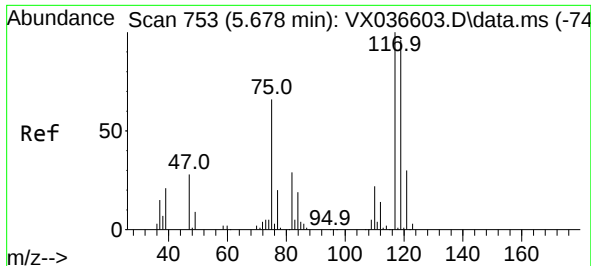
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Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.214 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.134 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

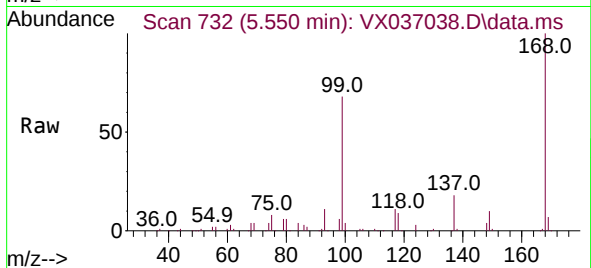
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
61 30.8 10.6 16.0#
70 0.0 8.3 12.5#



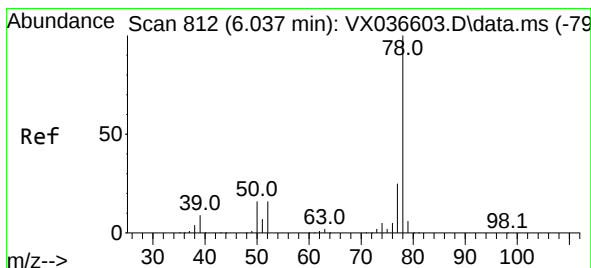
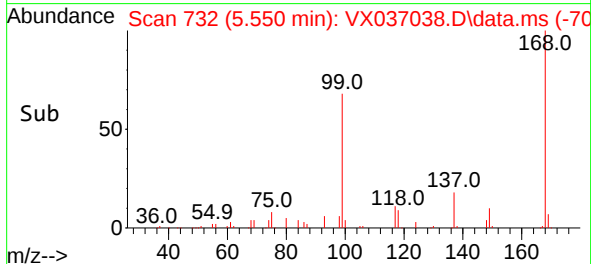
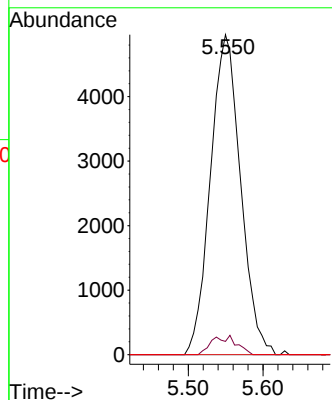


#38
Carbon Tetrachloride
Concen: 5.323 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

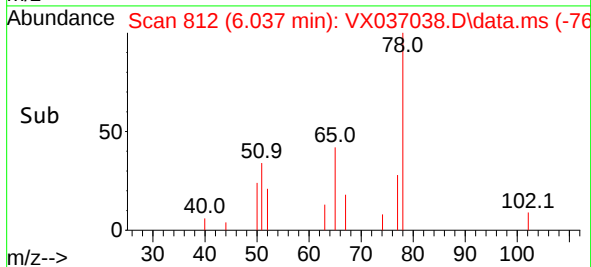
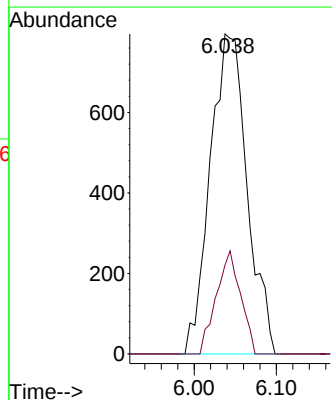
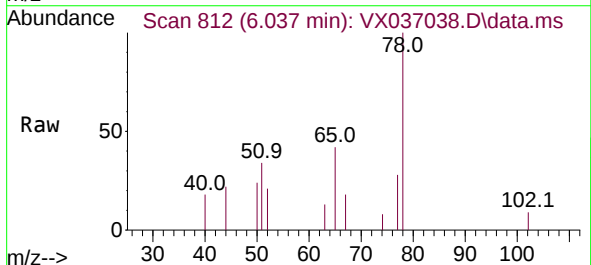


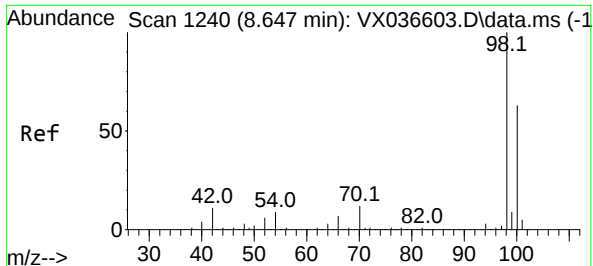
Tgt Ion:117 Resp: 13915
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.347 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 78 Resp: 2482
Ion Ratio Lower Upper
78 100
77 27.8 19.3 28.9





#50

Toluene-d8

Concen: 49.096 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

Instrument :

MSVOA_X

ClientSampleId :

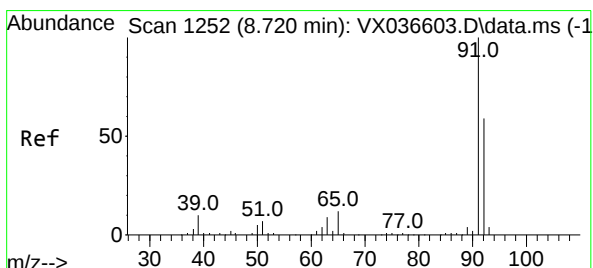
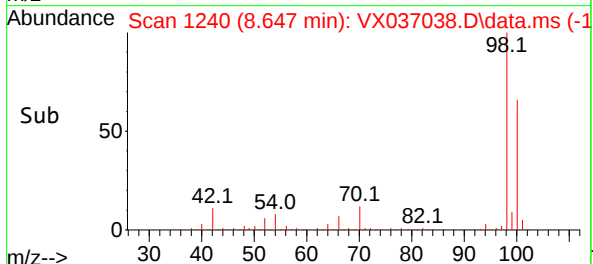
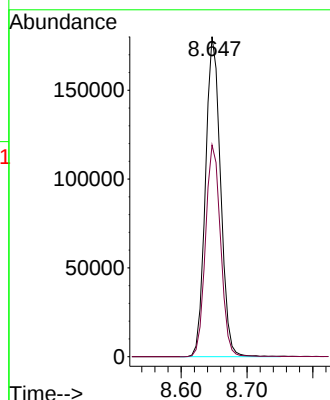
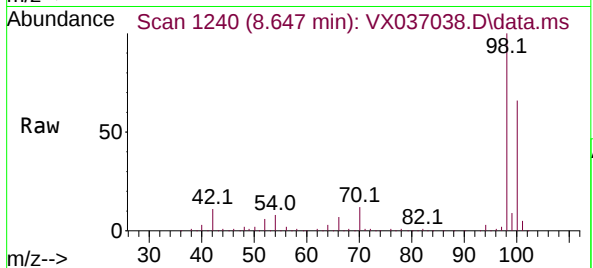
NEVINS-SB02-Z106-107

Tgt Ion: 98 Resp: 287247

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#52

Toluene

Concen: 0.678 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037038.D

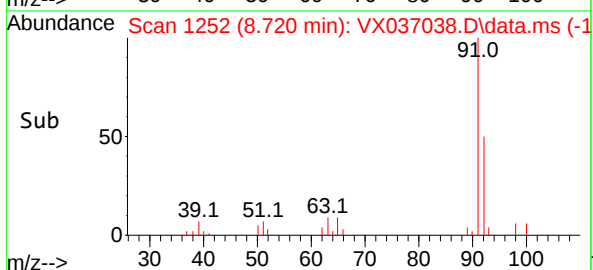
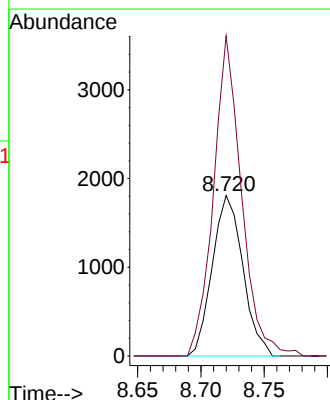
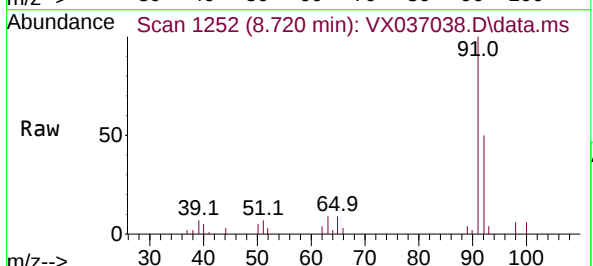
Acq: 17 Aug 2023 04:48

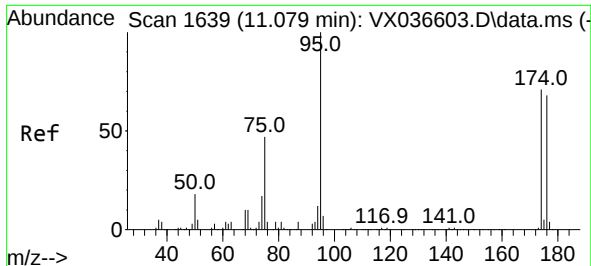
Tgt Ion: 92 Resp: 3039

Ion Ratio Lower Upper

92 100

91 182.8 134.2 201.2

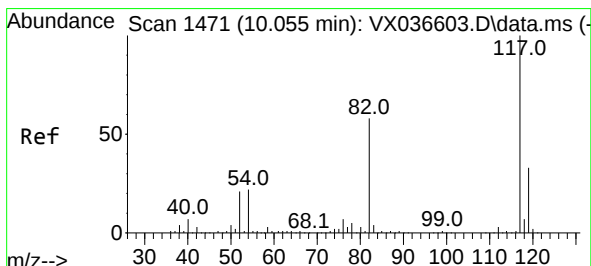
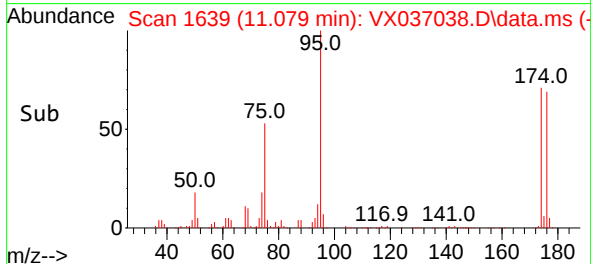
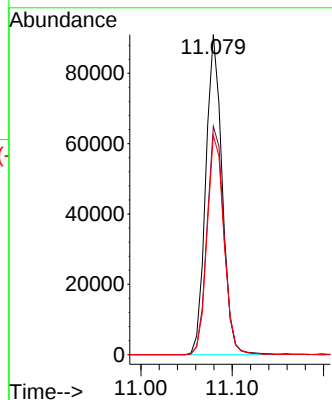
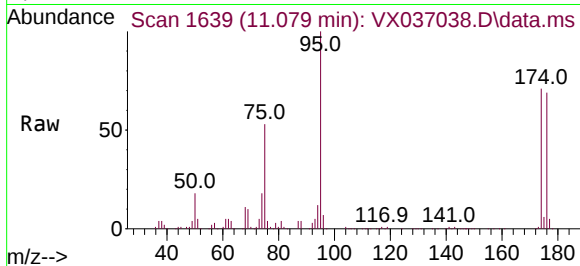




#62
4-Bromofluorobenzene
Concen: 51.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

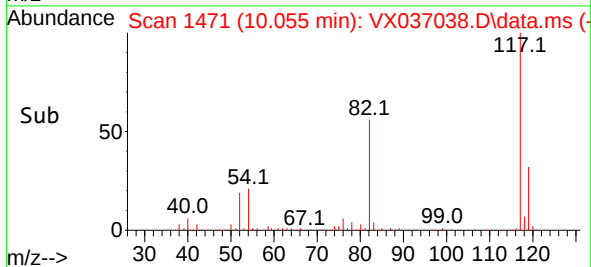
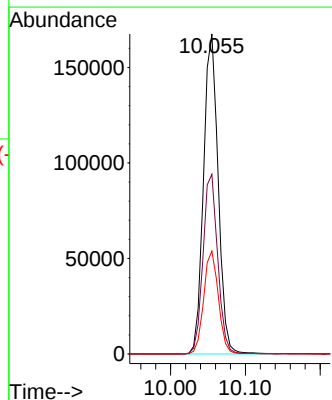
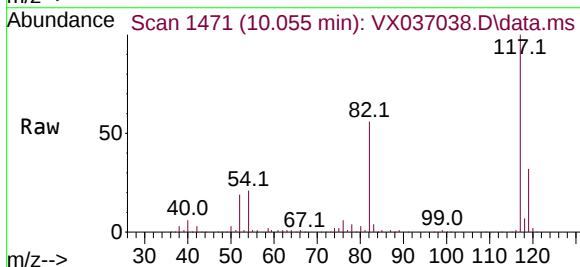
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

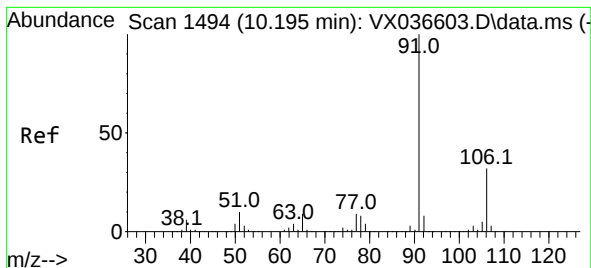
Tgt Ion: 95 Resp: 113307
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 117 Resp: 228222
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.2 25.5 38.3

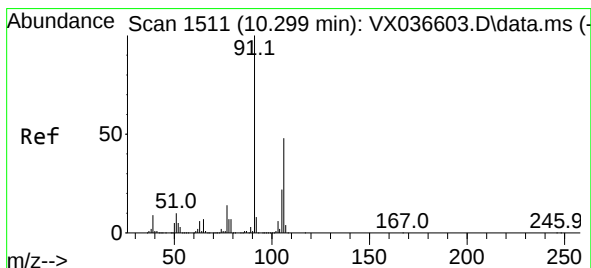
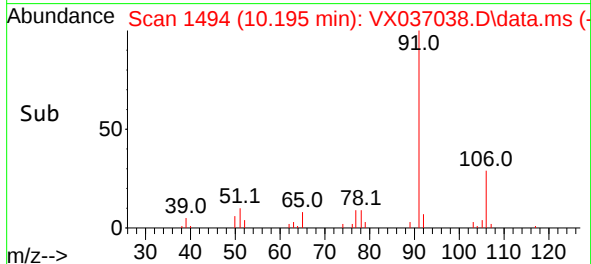
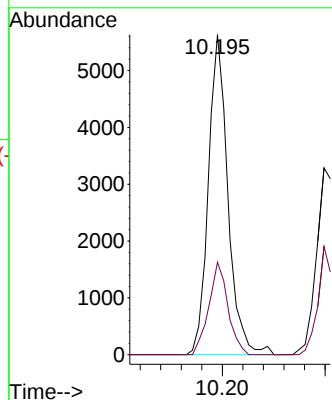
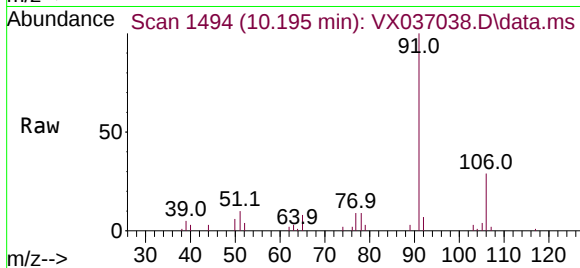




#67
Ethyl Benzene
Concen: 0.809 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

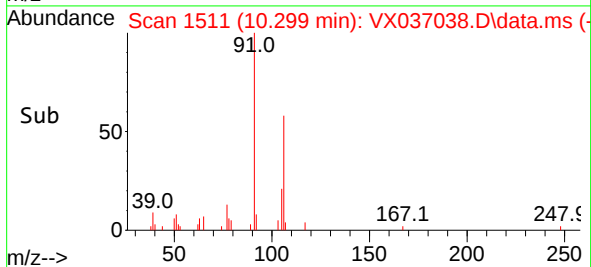
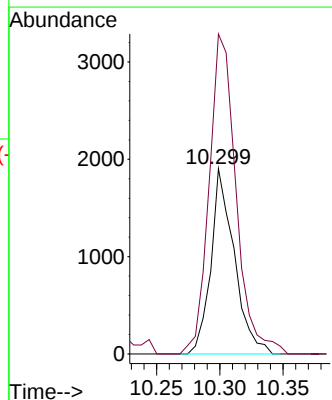
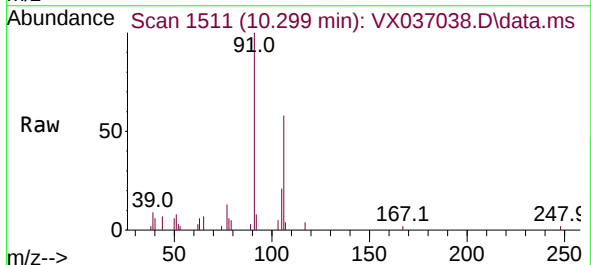
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

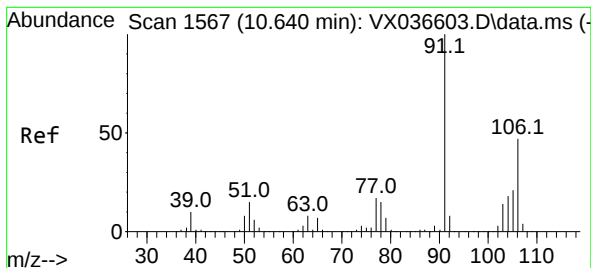
Tgt Ion: 91 Resp: 7439
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3



#68
m/p-Xylenes
Concen: 0.712 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 106 Resp: 2441
Ion Ratio Lower Upper
106 100
91 199.2 165.5 248.3





#69

o-Xylene

Concen: 0.299 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

Instrument :

MSVOA_X

ClientSampleId :

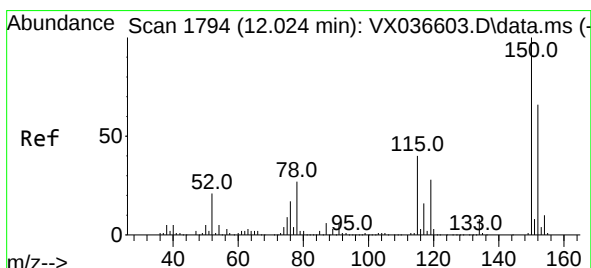
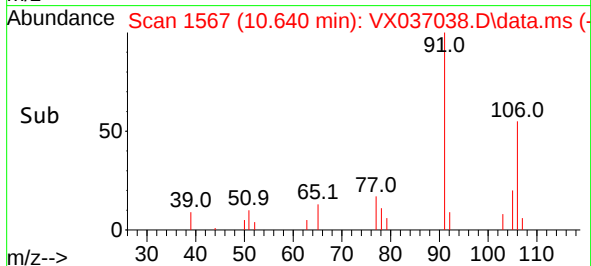
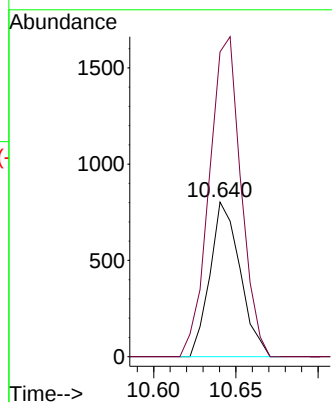
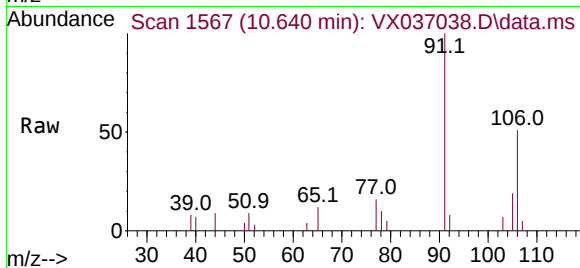
NEVINS-SB02-Z106-107

Tgt Ion:106 Resp: 1024

Ion Ratio Lower Upper

106 100

91 218.2 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

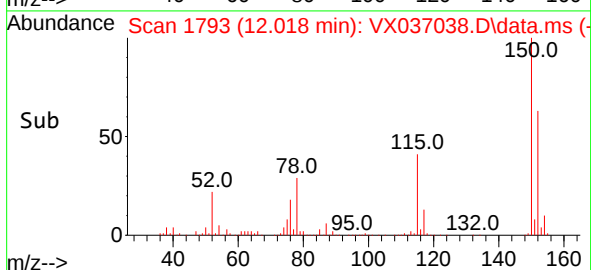
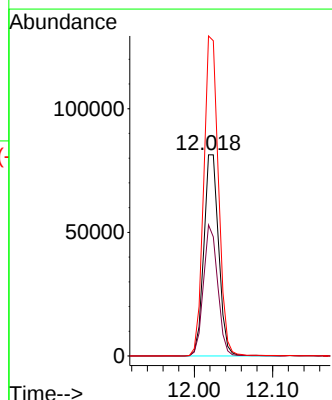
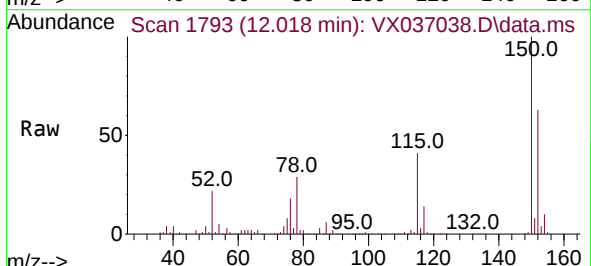
Tgt Ion:152 Resp: 106611

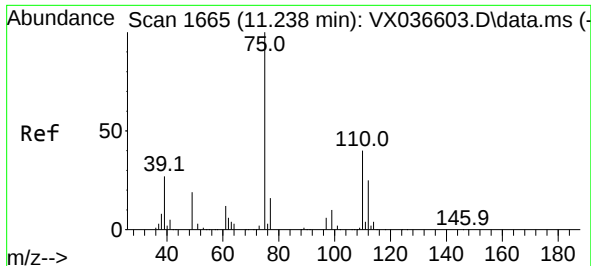
Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 158.3 0.0 345.0

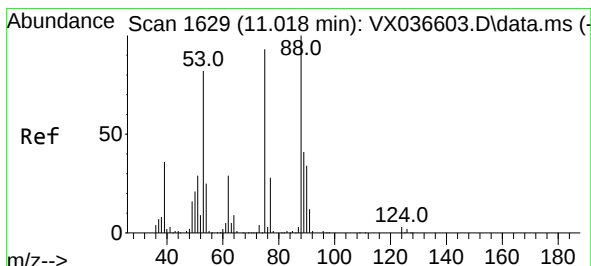
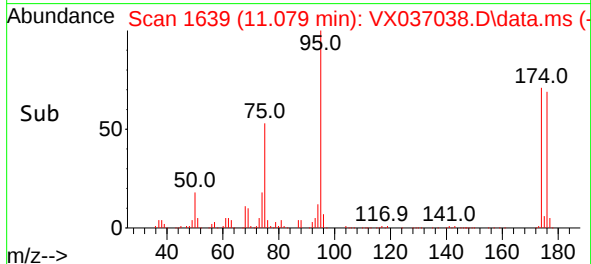
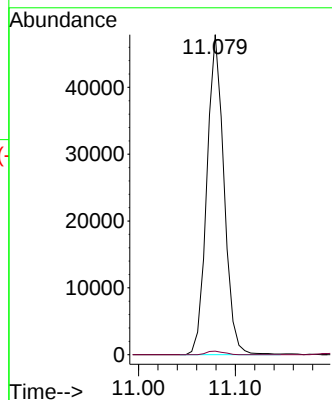
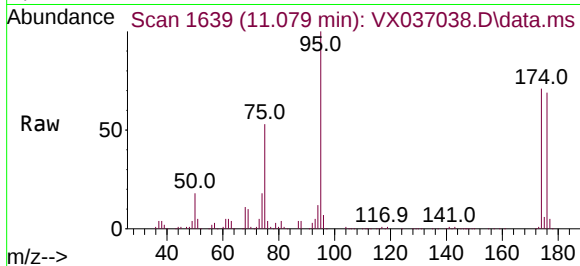




#76
1,2,3-Trichloropropane
Concen: 23.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

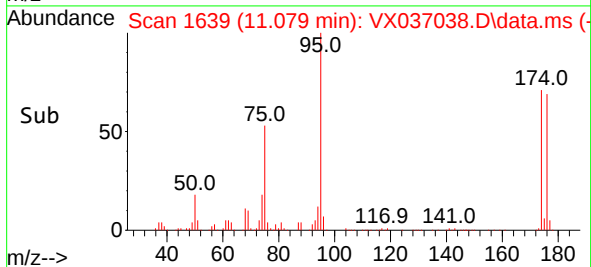
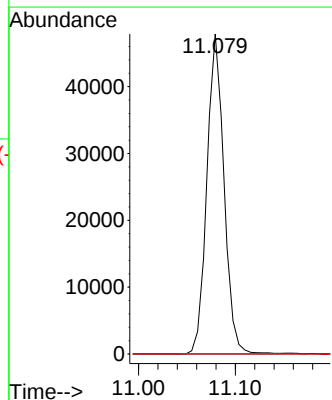
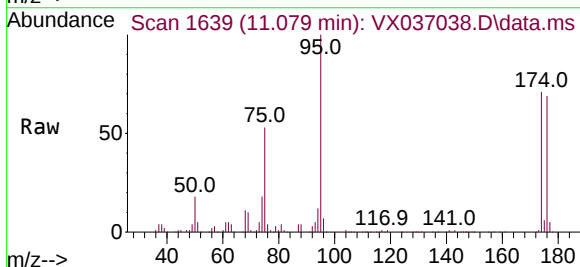
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

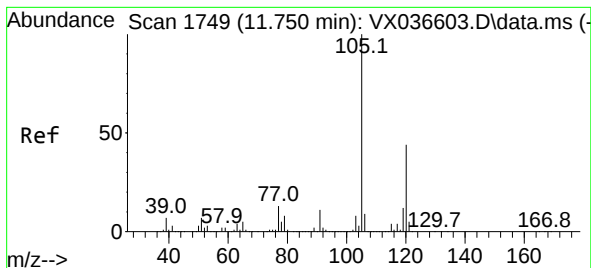
Tgt Ion: 75 Resp: 59025
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion: 75 Resp: 59025
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.402 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

Instrument :

MSVOA_X

ClientSampleId :

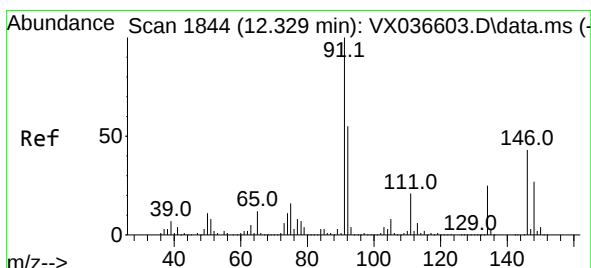
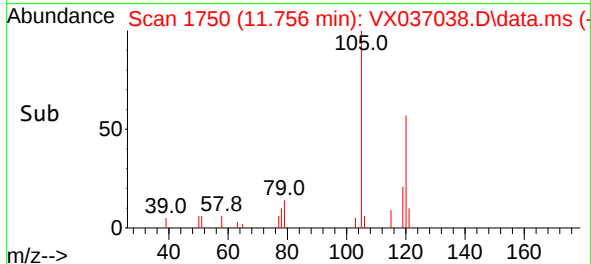
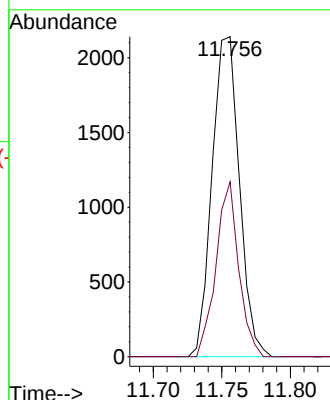
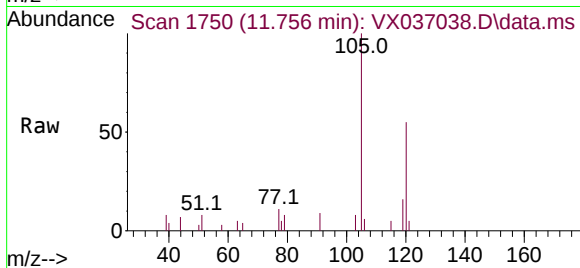
NEVINS-SB02-Z106-107

Tgt Ion:105 Resp: 2966

Ion Ratio Lower Upper

105 100

120 45.4 21.2 63.6



#89

n-Butylbenzene

Concen: 0.242 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

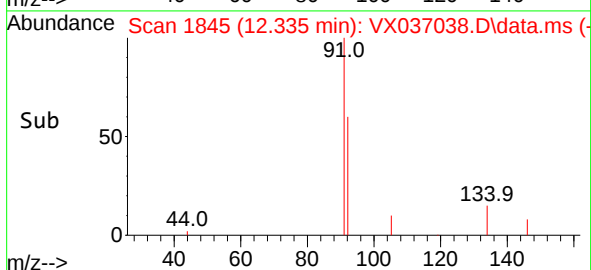
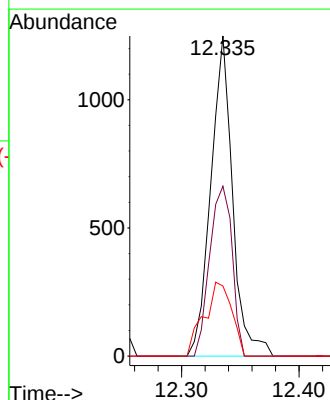
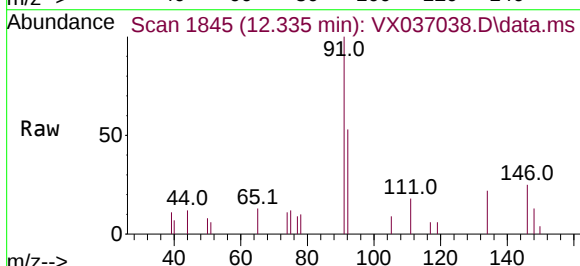
Tgt Ion: 91 Resp: 1611

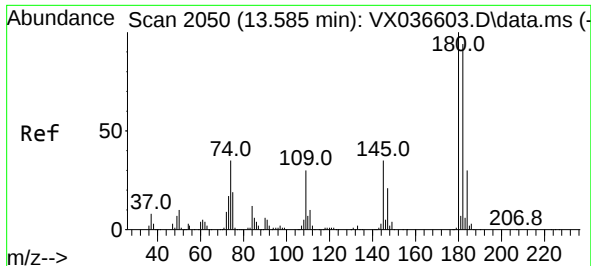
Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.0

134 29.2 12.6 37.8

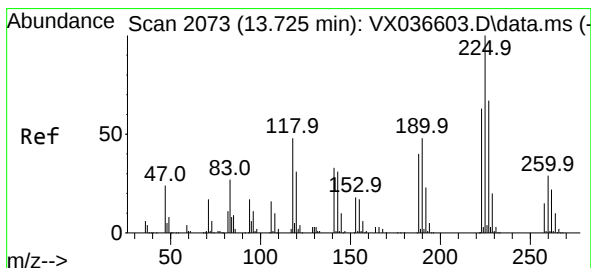
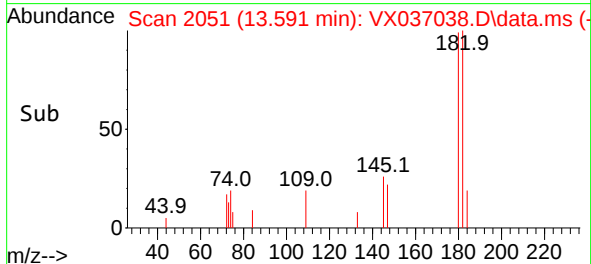
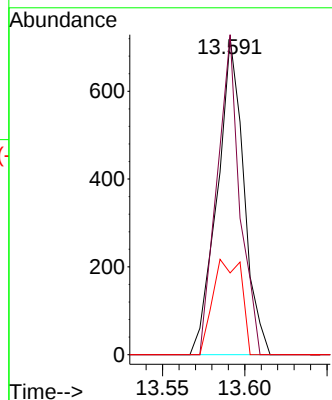
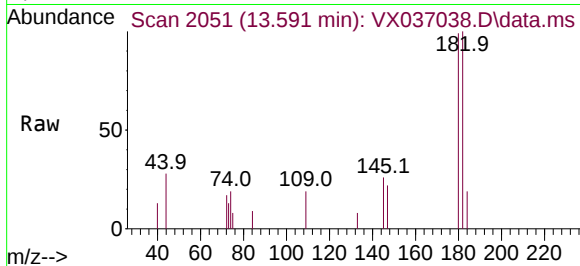




#93
1,2,4-Trichlorobenzene
Concen: 0.365 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

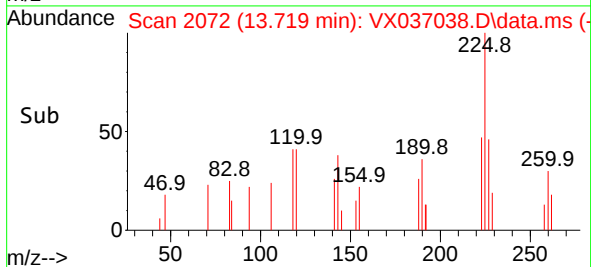
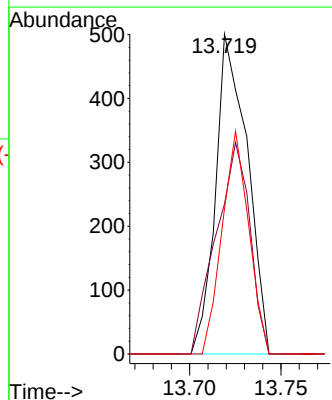
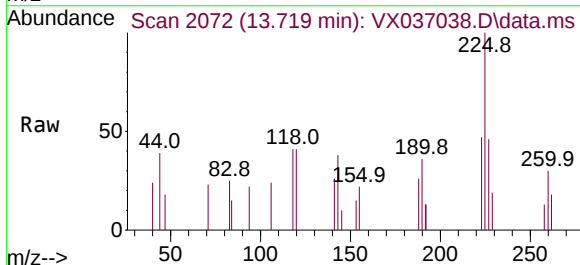
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z106-107

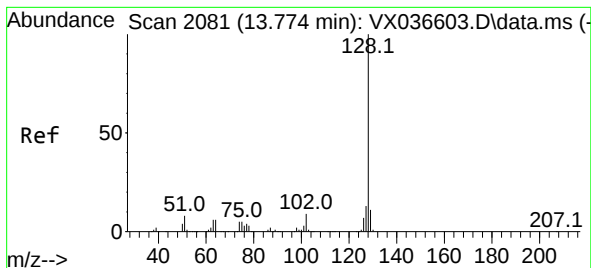
Tgt Ion:180	Resp:	807
Ion Ratio	Lower	Upper
180	100	
182	86.9	48.3 144.8
145	32.3	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.661 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX037038.D
Acq: 17 Aug 2023 04:48

Tgt Ion:225	Resp:	605
Ion Ratio	Lower	Upper
225	100	
223	70.2	31.1 93.2
227	58.5	32.5 97.5





#95

Naphthalene

Concen: 9.229 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

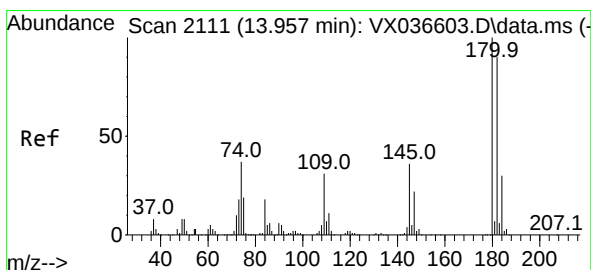
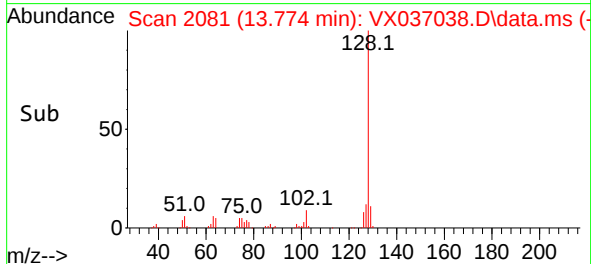
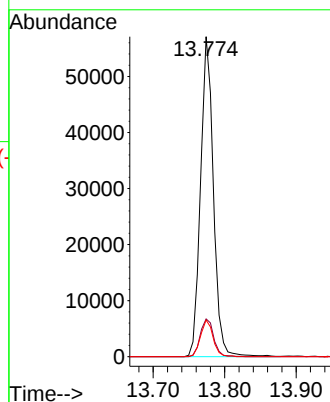
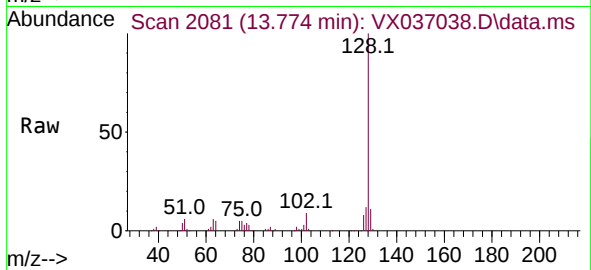
Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z106-107

Tgt Ion:	128	Resp:	71161
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	11.1	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.343 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX037038.D

Acq: 17 Aug 2023 04:48

Tgt Ion:	180	Resp:	747
Ion Ratio	Lower	Upper	
180	100		
182	90.8	46.9	140.6
145	37.6	17.8	53.5

