

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037042.D
 Acq On : 17 Aug 2023 06:24
 Operator : JC/MD
 Sample : 03958-06 10X
 Misc : 7.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z21-23

Quant Time: Aug 17 07:13:41 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)

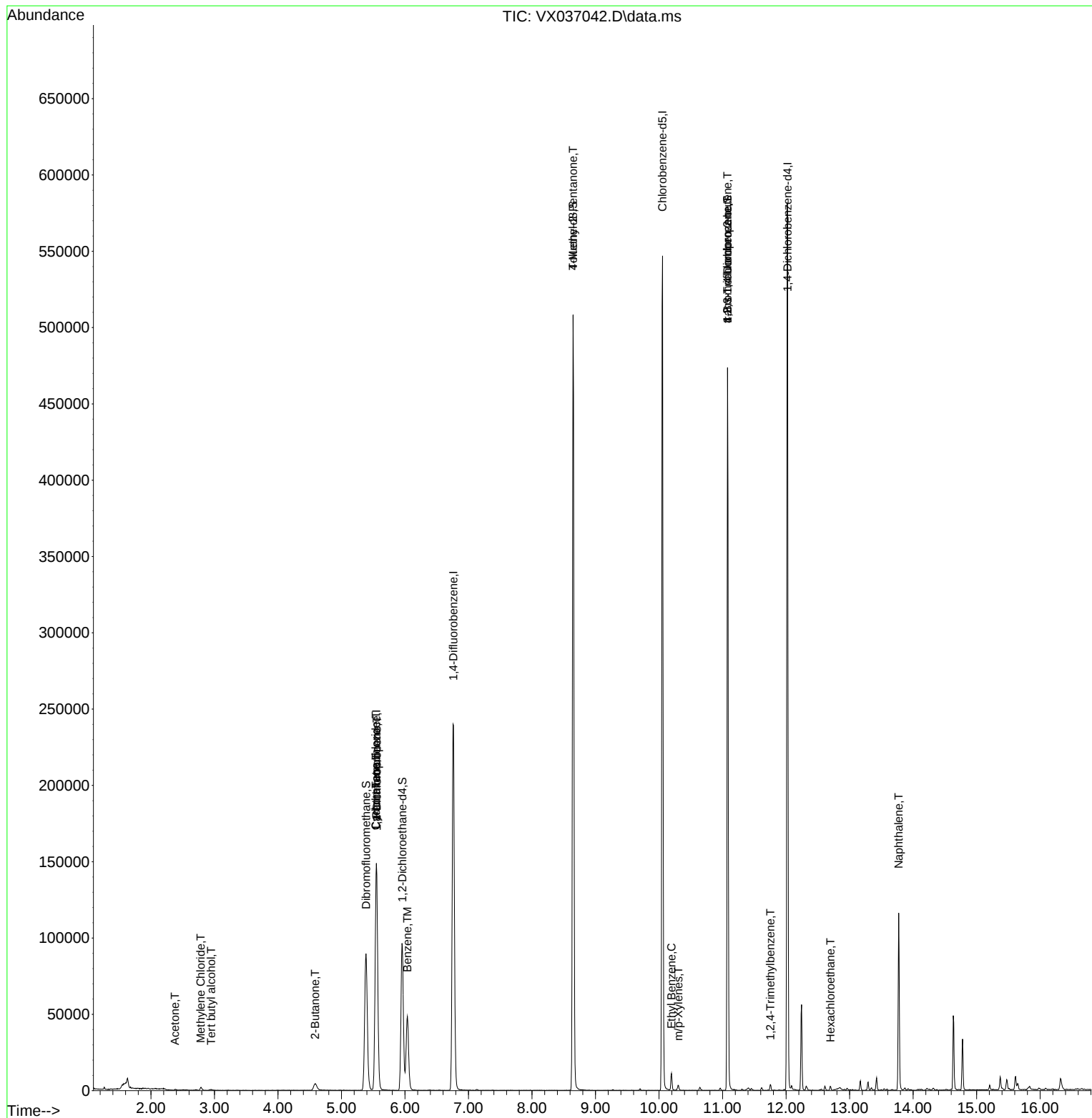
Internal Standards						
1) Pentafluorobenzene	5.550	168	135992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97181	48.296	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.600%
35) Dibromofluoromethane	5.385	113	79733	45.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	304766	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	126505	54.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	413	0.867	ug/l #	78
16) Acetone	2.380	43	651	0.780	ug/l	93
20) Methylene Chloride	2.782	84	1043	0.562	ug/l #	72
25) 2-Butanone	4.587	43	364	0.269	ug/l #	51
31) Cyclohexane	5.544	56	3005	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11590	4.442	ug/l #	50
38) Carbon Tetrachloride	5.544	117	15045	5.423	ug/l #	14
40) Benzene	6.038	78	60800	8.009	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1231	0.438	ug/l #	1
67) Ethyl Benzene	10.195	91	6726	0.673	ug/l	100
68) m/p-Xylenes	10.305	106	855	0.229	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	65228	22.994	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65228	52.118	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2015	0.241	ug/l	100
90) Hexachloroethane	12.701	117	1492	0.874	ug/l #	17
95) Naphthalene	13.774	128	72958	8.365	ug/l	99

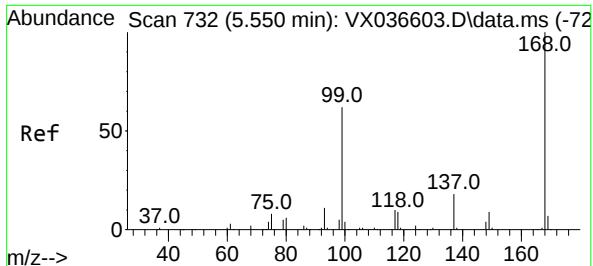
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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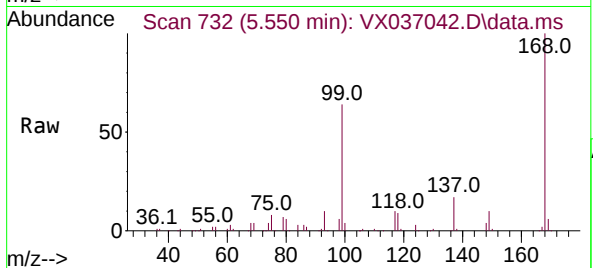
Quant Time: Aug 17 07:13:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



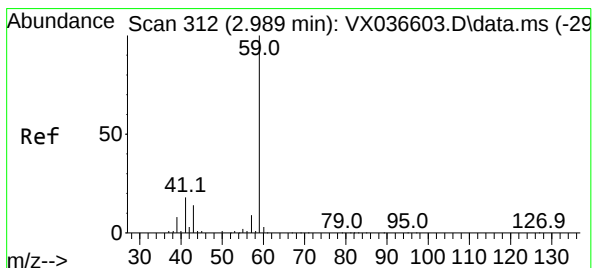
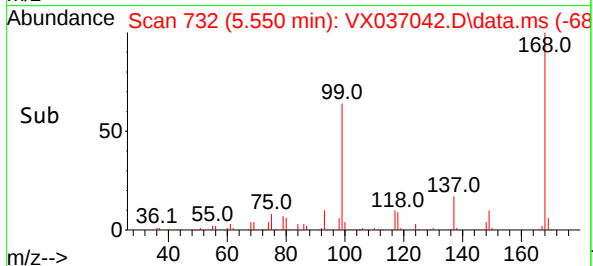
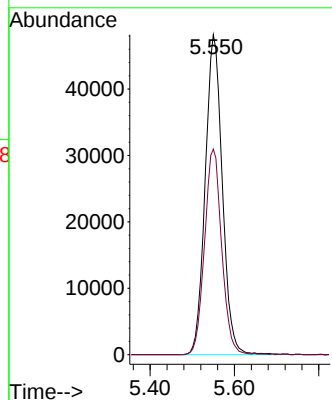


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

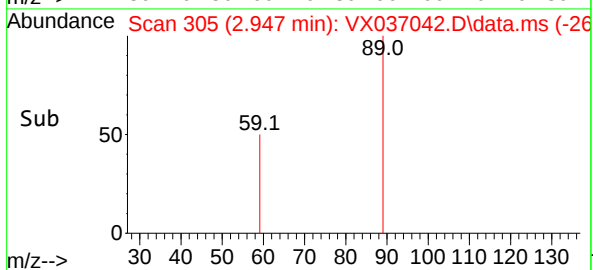
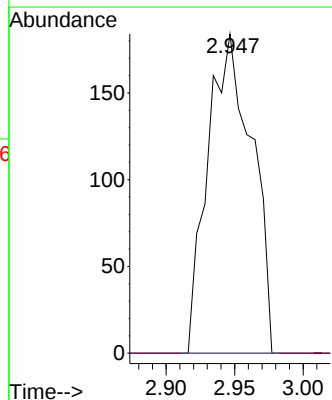
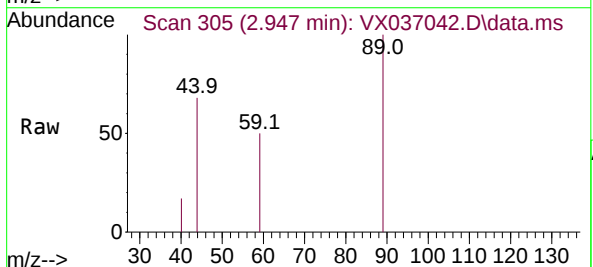


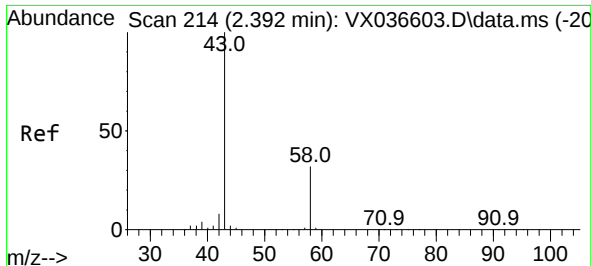
Tgt Ion:168 Resp: 135992
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.867 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.780 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

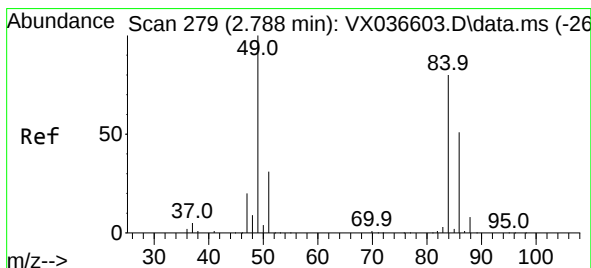
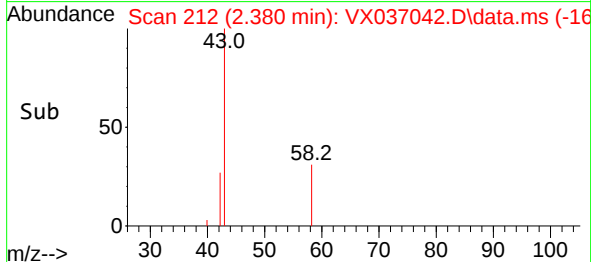
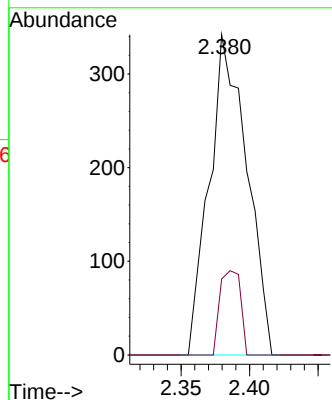
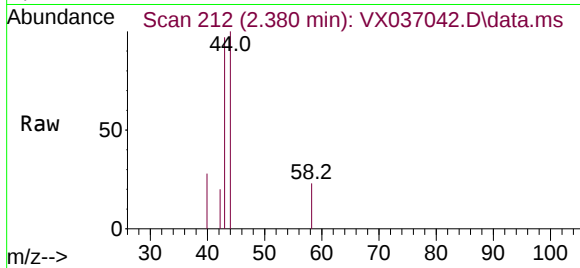
NEVINS-SB02-Z21-23

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 23.7 21.9 32.9



#20

Methylene Chloride

Concen: 0.562 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

Tgt Ion: 84 Resp: 1043

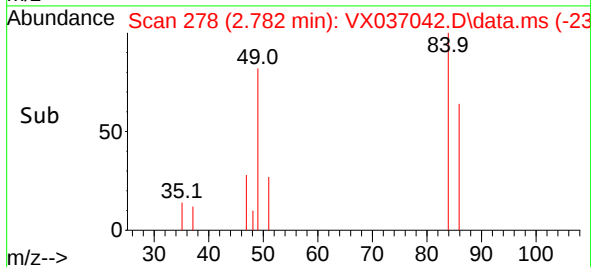
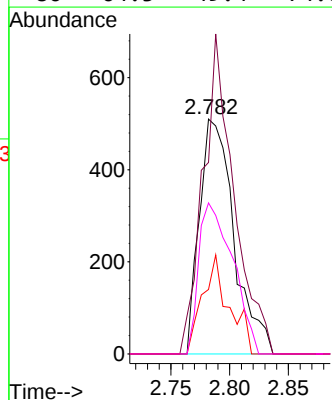
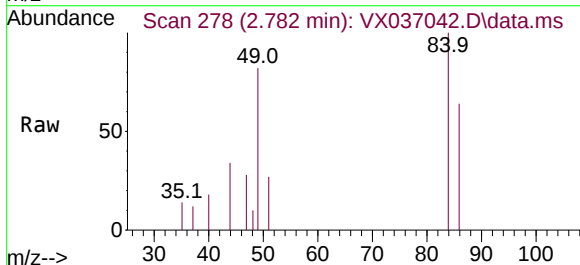
Ion Ratio Lower Upper

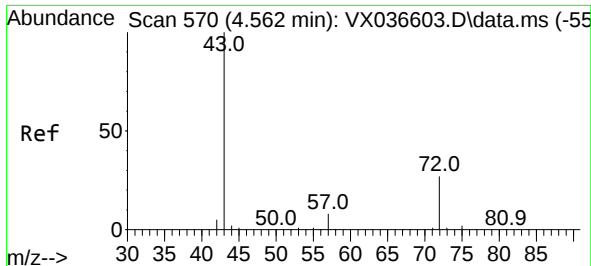
84 100

49 81.6 103.6 155.4#

51 27.5 33.8 50.6#

86 64.3 49.4 74.0

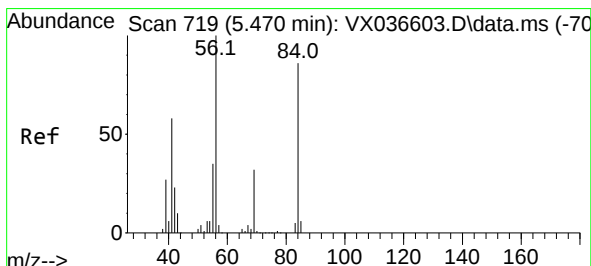
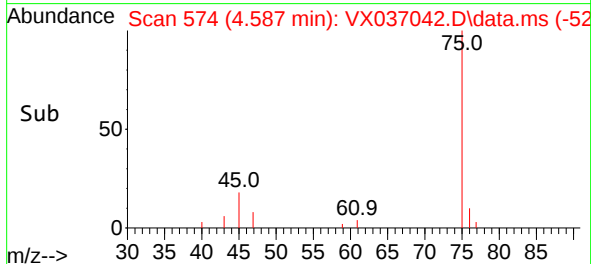
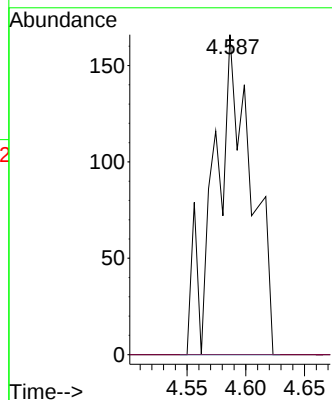
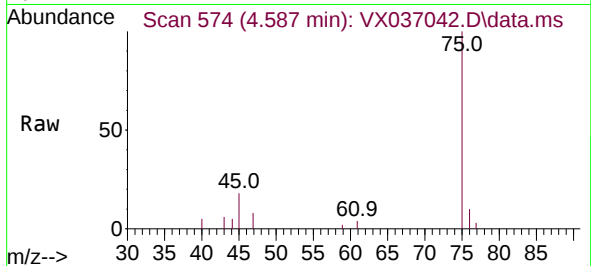




#25
2-Butanone
Concen: 0.269 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

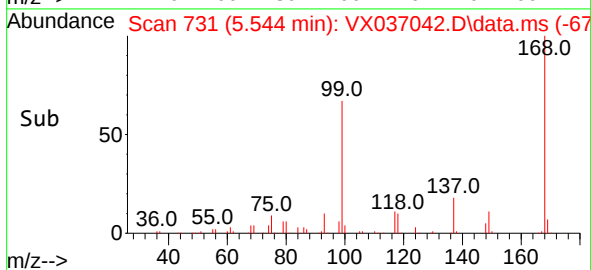
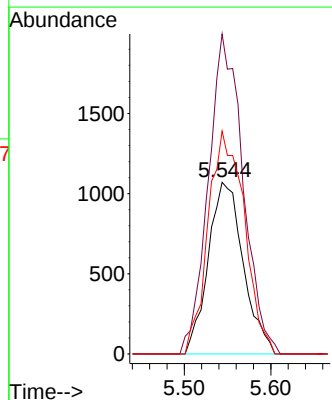
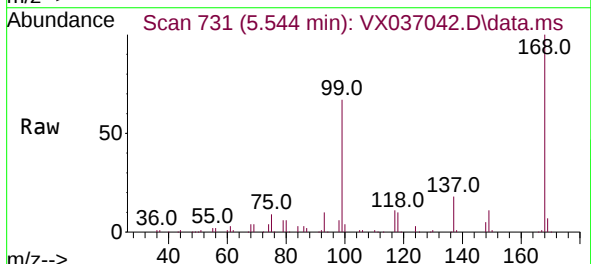
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

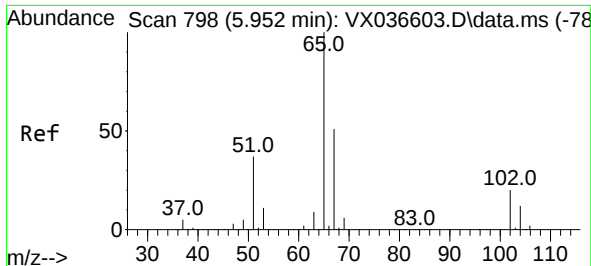
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 186.4 23.4 35.2#
84 129.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.296 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

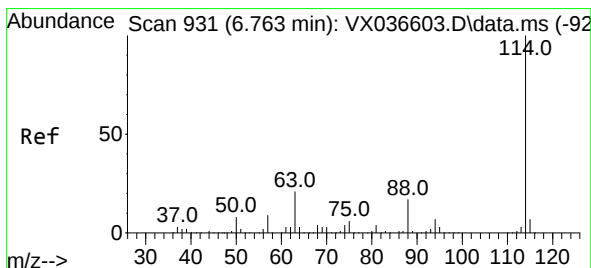
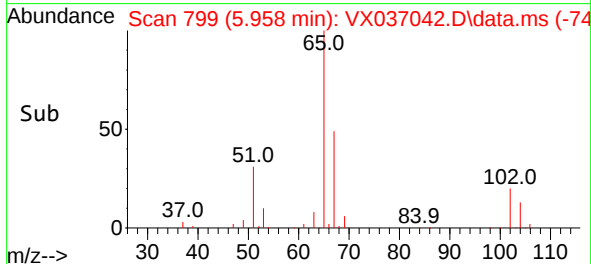
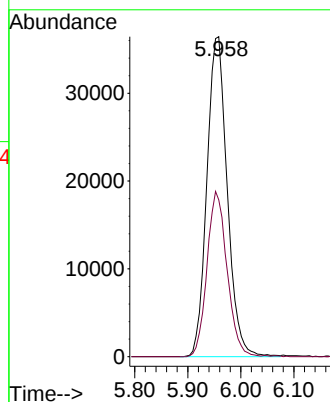
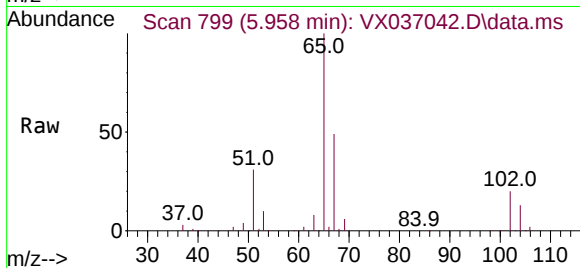
NEVINS-SB02-Z21-23

Tgt Ion: 65 Resp: 97181

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

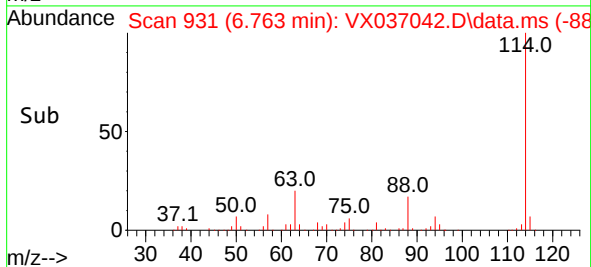
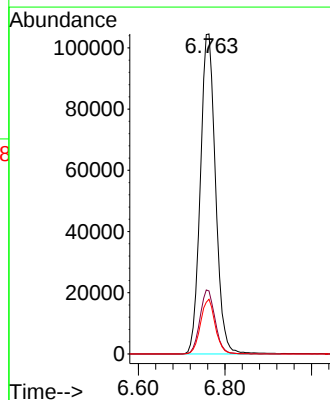
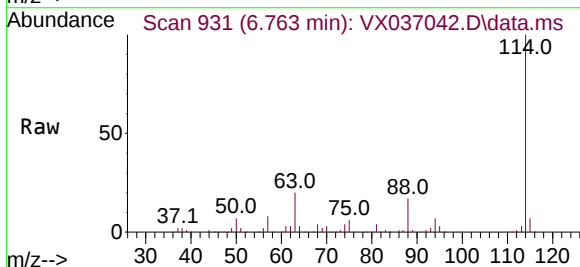
Tgt Ion: 114 Resp: 254696

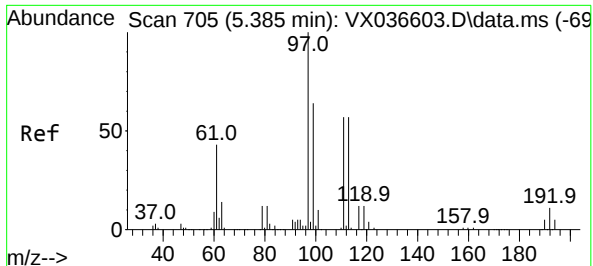
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.545 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z21-23

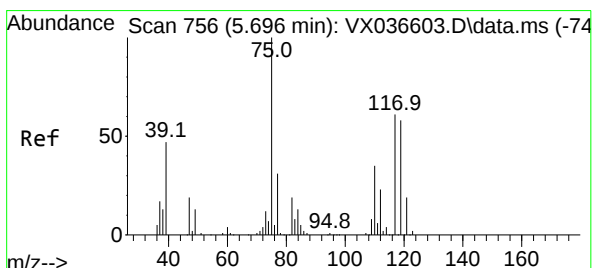
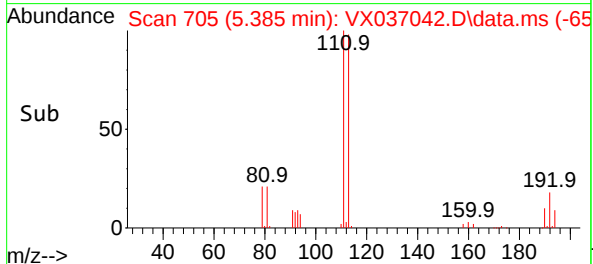
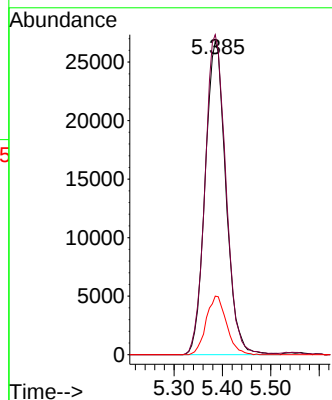
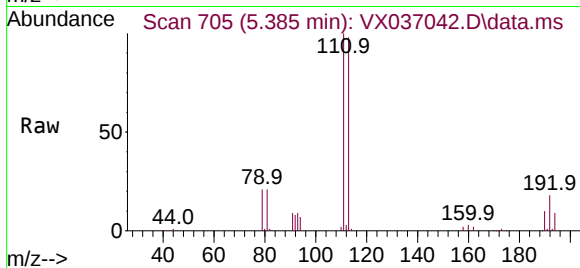
Tgt Ion:113 Resp: 79733

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 18.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.442 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

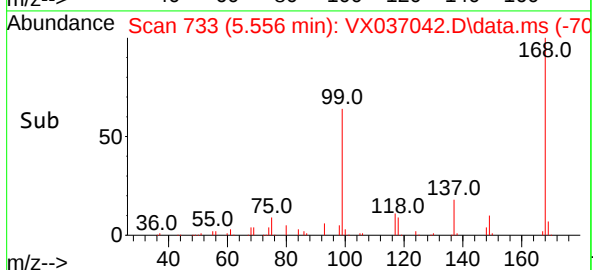
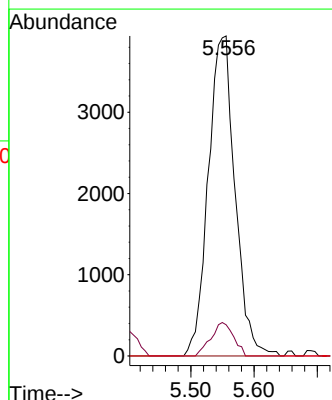
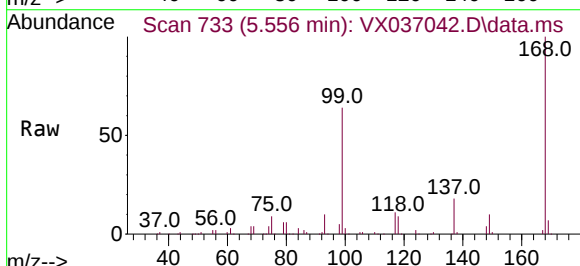
Tgt Ion: 75 Resp: 11590

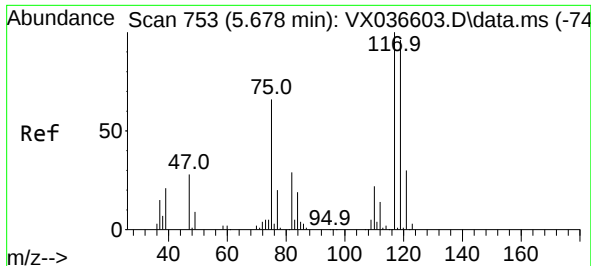
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

77 0.0 24.7 37.1#

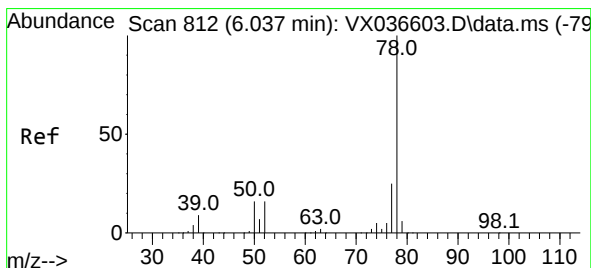
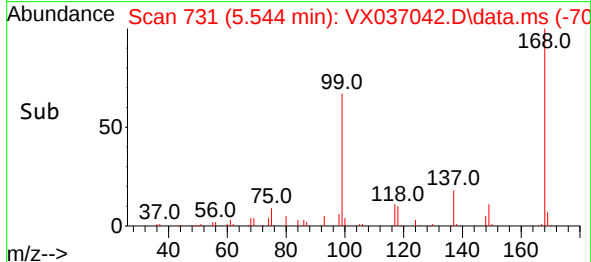
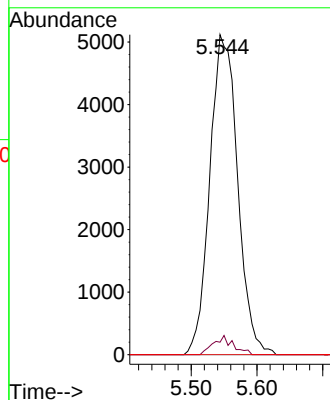
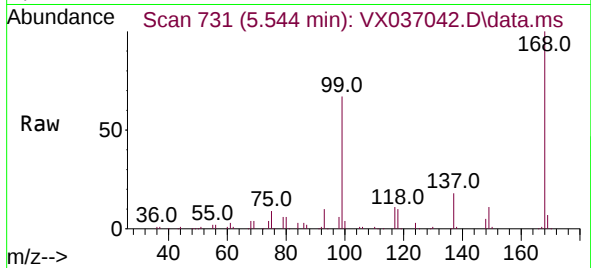




#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

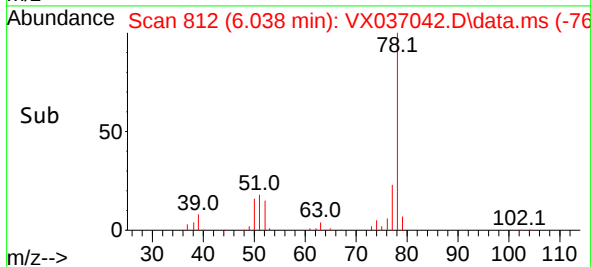
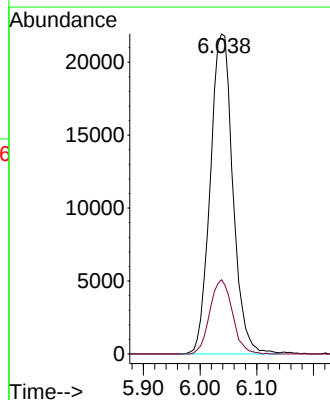
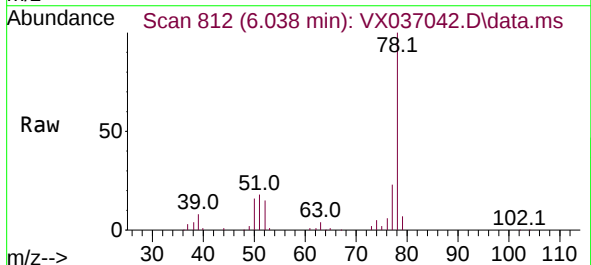
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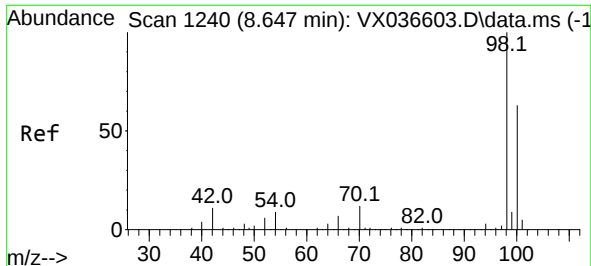
Tgt Ion:117 Resp: 15045
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 8.009 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 78 Resp: 60800
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

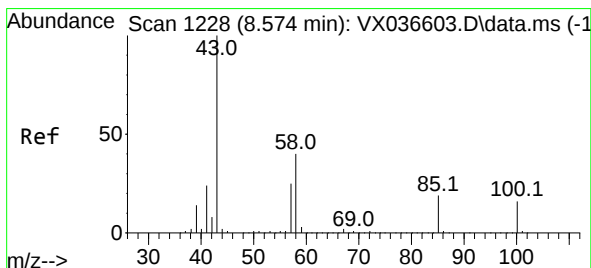
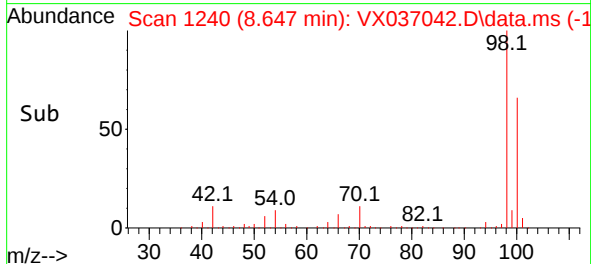
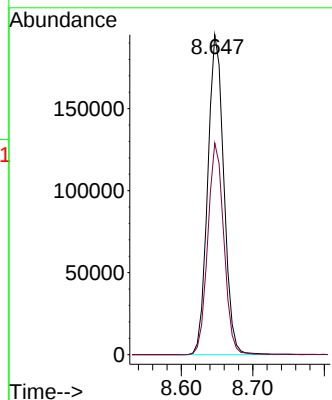
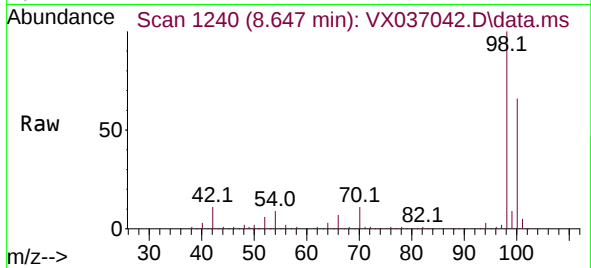




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

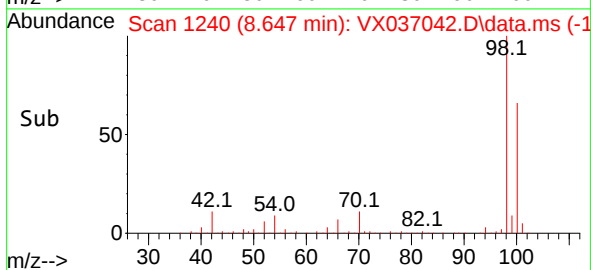
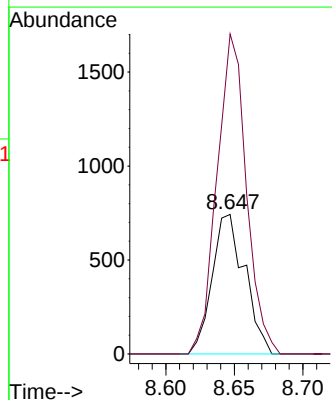
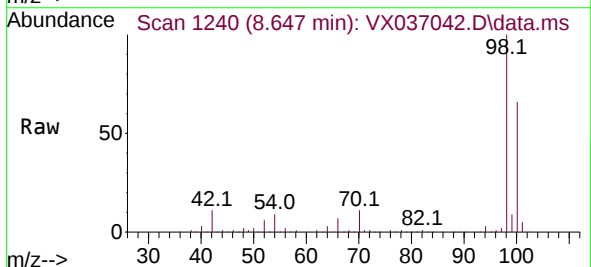
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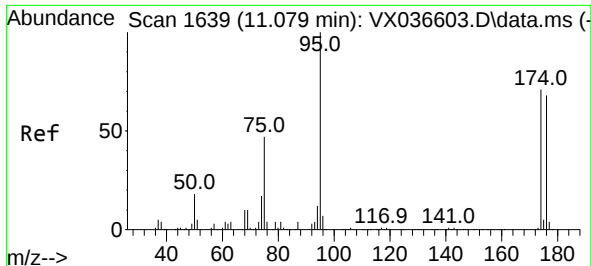
Tgt Ion: 98 Resp: 304766
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 207.0 30.4 45.6#

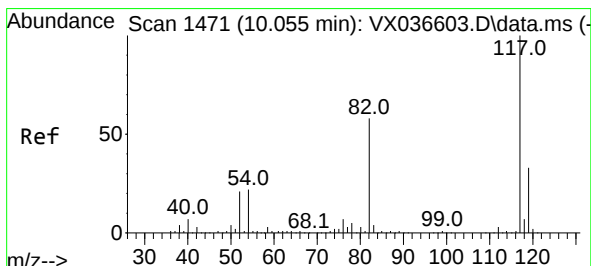
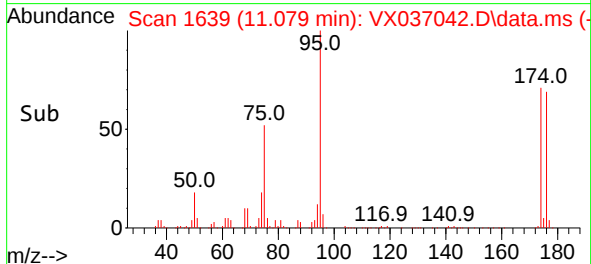
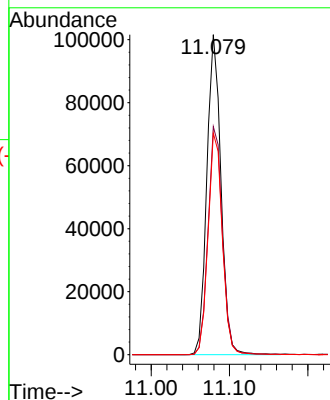
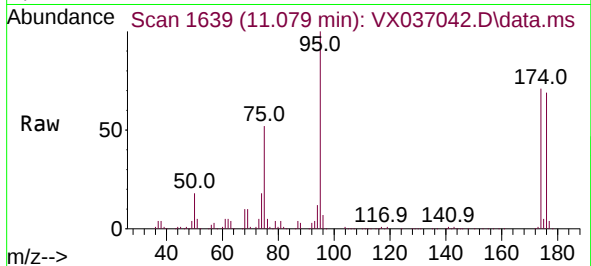




#62
4-Bromofluorobenzene
Concen: 54.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

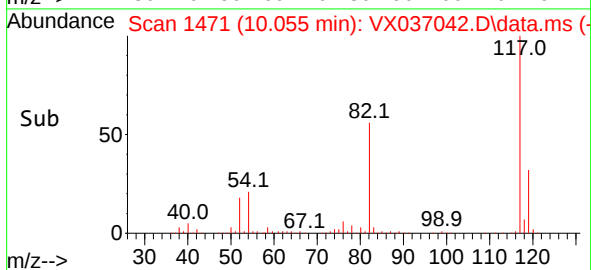
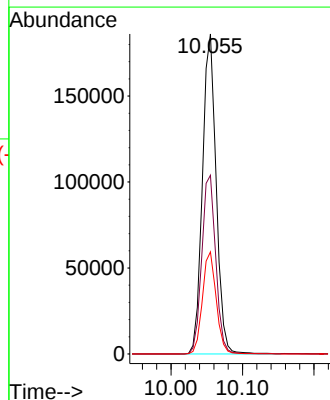
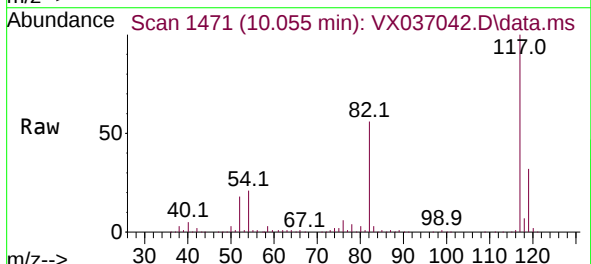
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

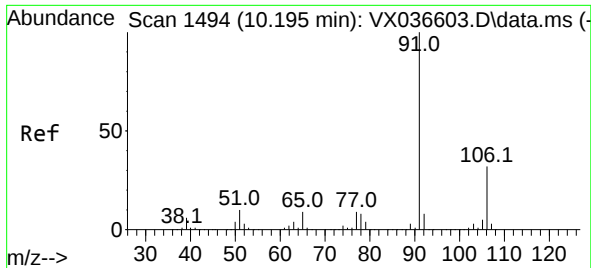
Tgt Ion: 95 Resp: 126505
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 117 Resp: 248093
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.9 25.5 38.3

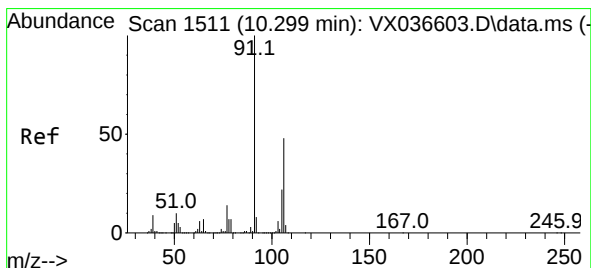
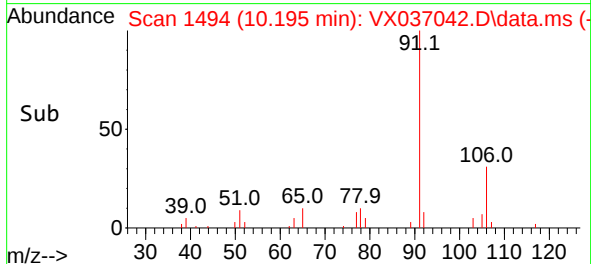
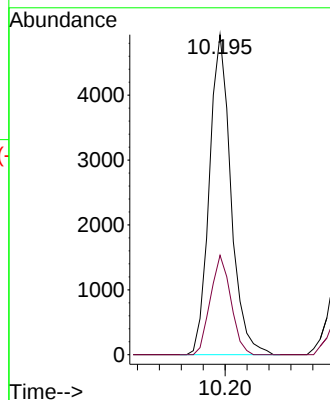
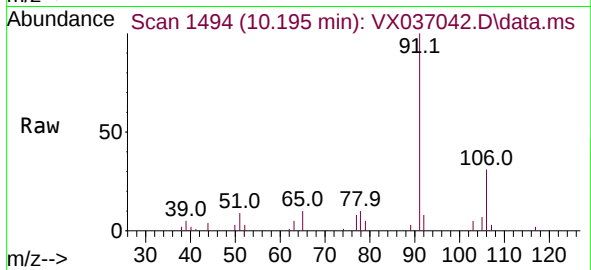




#67
Ethyl Benzene
Concen: 0.673 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

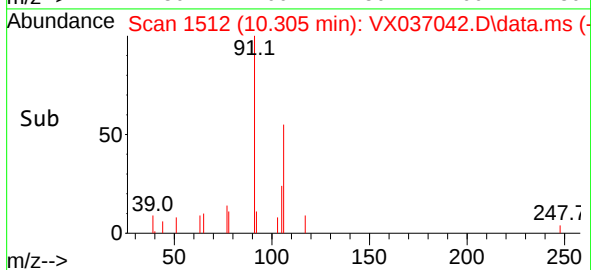
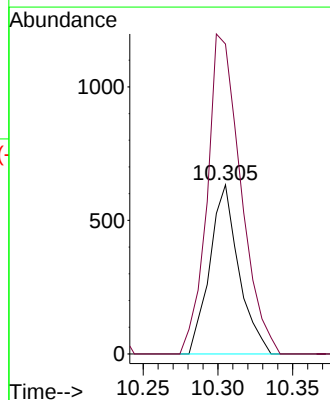
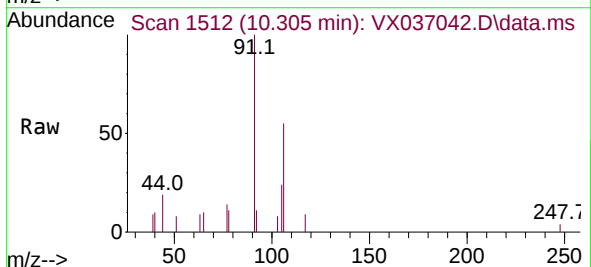
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

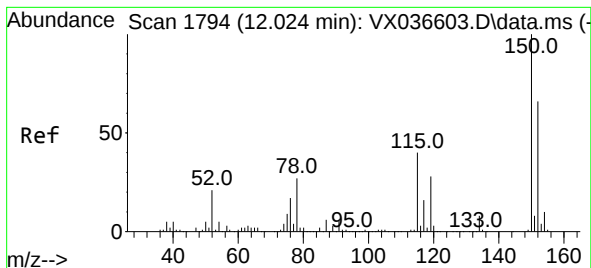
Tgt Ion: 91 Resp: 6726
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 0.229 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 106 Resp: 855
Ion Ratio Lower Upper
106 100
91 218.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037042.D

Acq: 17 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z21-23

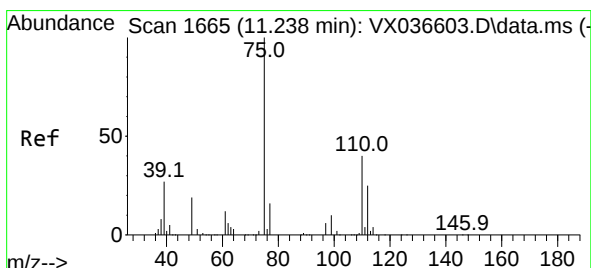
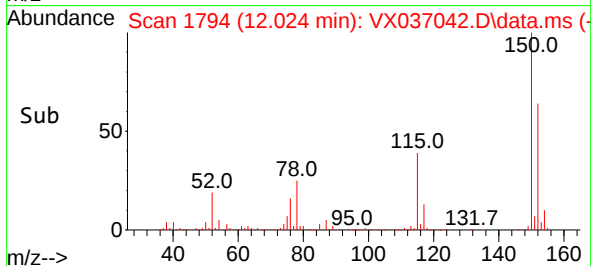
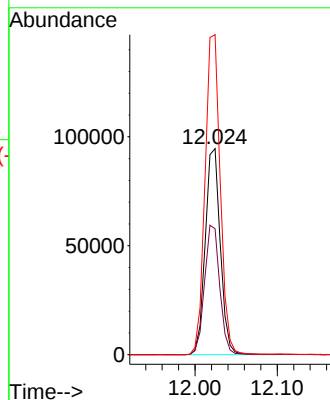
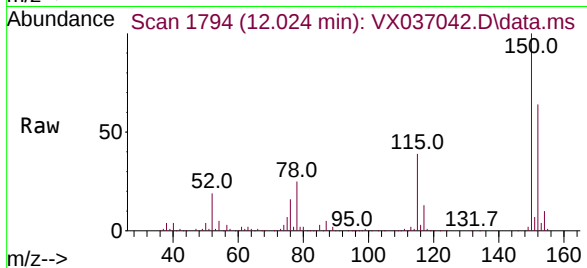
Tgt Ion:152 Resp: 120603

Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.994 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037042.D

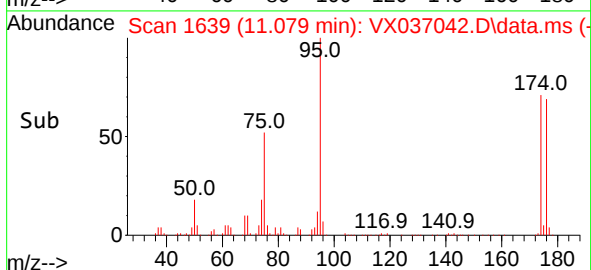
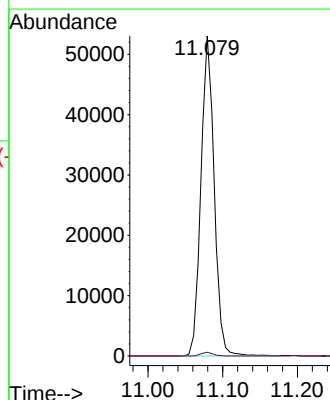
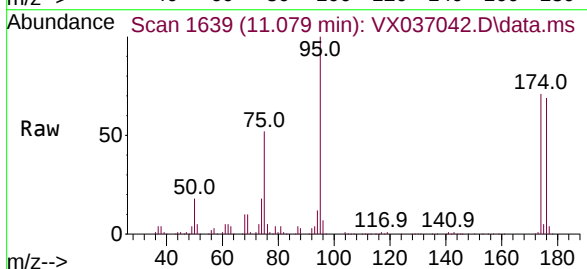
Acq: 17 Aug 2023 06:24

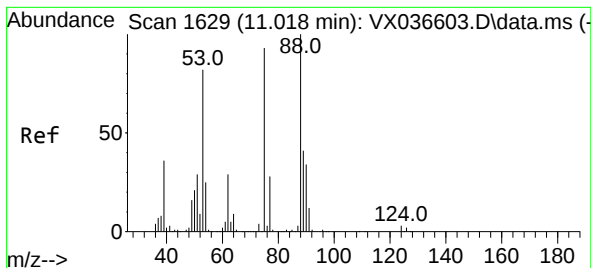
Tgt Ion: 75 Resp: 65228

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

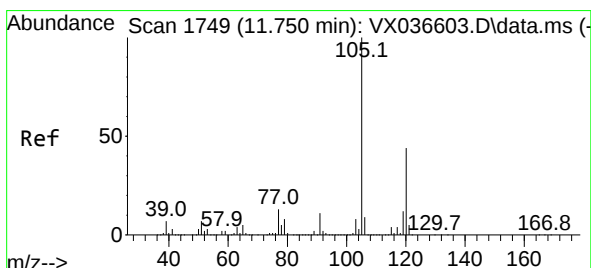
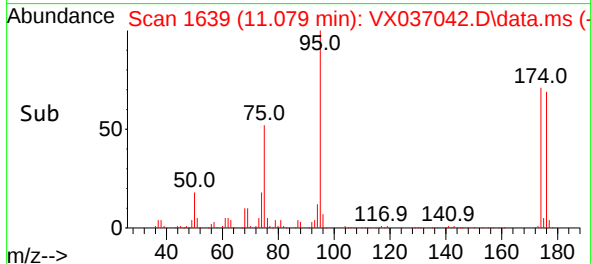
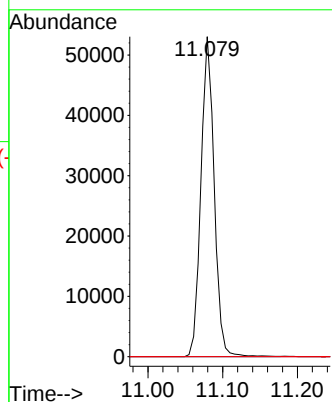
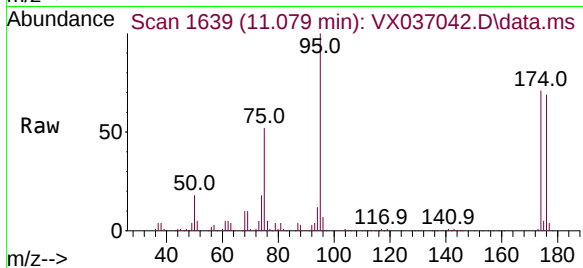




#81
trans-1,4-Dichloro-2-butene
Concen: 52.118 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

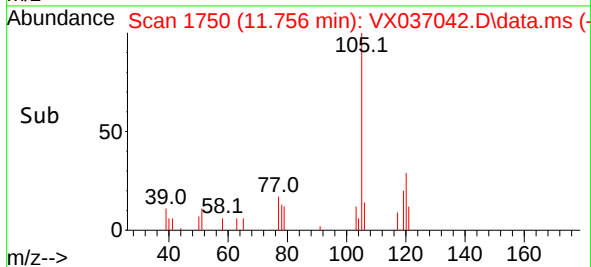
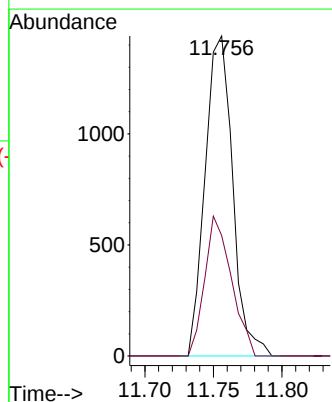
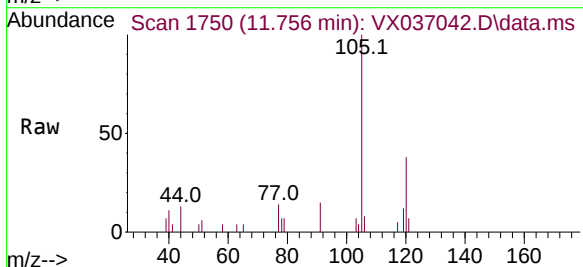
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

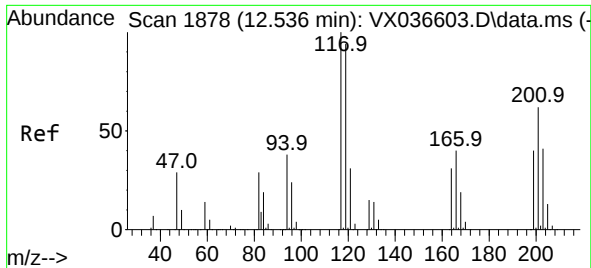
Tgt Ion: 75 Resp: 65228
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.241 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion: 105 Resp: 2015
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6

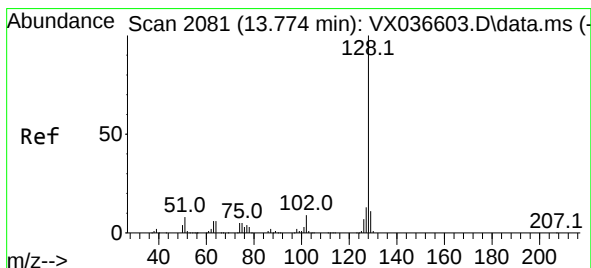
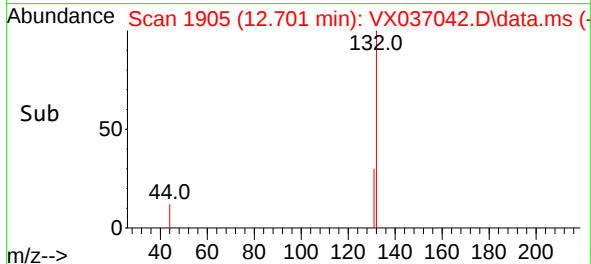
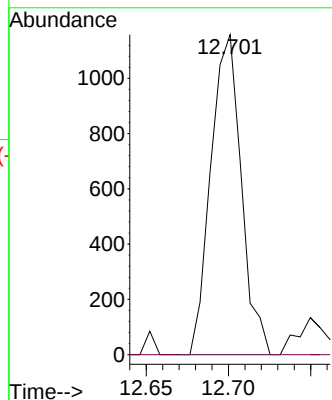
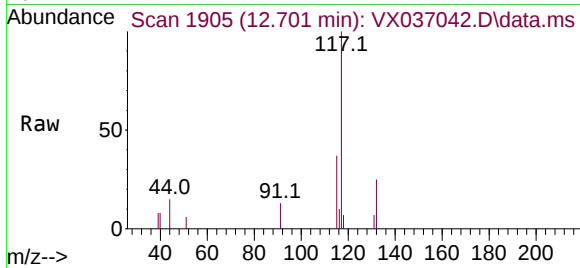




#90
Hexachloroethane
Concen: 0.874 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z21-23

Tgt Ion:117 Resp: 1492
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 8.365 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037042.D
Acq: 17 Aug 2023 06:24

Tgt Ion:128 Resp: 72958
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.8 13.2

