

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038123.D
 Acq On : 06 Oct 2023 12:14
 Operator : JC/MD
 Sample : 04723-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5B

Quant Time: Oct 07 04:18:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	115264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84518	45.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	64202	43.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.840%		
50) Toluene-d8	8.652	98	258766	45.801	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.600%#		
62) 4-Bromofluorobenzene	11.079	95	97590	45.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.120%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	93	Below Cal	#	3
6) Chloroethane	1.678	64	139	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	1568	Below Cal	#	78
13) Acrolein	2.215	56	1196	4.538	ug/l #	1
14) Allyl chloride	2.708	41	1136	0.602	ug/l #	56
15) Acrylonitrile	3.092	53	1910	2.264	ug/l #	47
16) Acetone	2.343	43	5597	7.234	ug/l #	59
18) Methyl Acetate	2.775	43	26138	7.877	ug/l #	53
20) Methylene Chloride	2.788	84	1365	0.938	ug/l #	64
25) 2-Butanone	4.562	43	546	0.437	ug/l #	51
30) Chloroform	5.171	83	1184	0.451	ug/l #	19
31) Cyclohexane	5.476	56	17961	8.942	ug/l	89
36) 1,1-Dichloropropene	5.549	75	9564	4.691	ug/l #	46
38) Carbon Tetrachloride	5.562	117	12113	6.039	ug/l #	14
39) Methylcyclohexane	7.384	83	13801	5.779	ug/l	93
40) Benzene	6.031	78	1334	0.234	ug/l #	77
41) Methacrylonitrile	4.952	41	277	0.230	ug/l #	43
52) Toluene	8.720	92	22930	6.173	ug/l	90
55) 1,1,2-Trichloroethane	9.104	97	1955	1.230	ug/l #	20
56) Ethyl methacrylate	9.098	69	499	0.205	ug/l #	1
67) Ethyl Benzene	10.195	91	187080	25.060	ug/l	99
68) m/p-Xylenes	10.299	106	113504	39.322	ug/l	99
69) o-Xylene	10.640	106	35385	12.560	ug/l	99
70) Styrene	10.646	104	2100	0.458	ug/l #	1
73) Isopropylbenzene	10.963	105	16913	2.452	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	54457	23.288	ug/l #	39
78) n-propylbenzene	11.304	91	78795	9.342	ug/l	96
79) 2-Chlorotoluene	11.396	91	9385	1.876	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	9498	1.596	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	54457	66.548	ug/l #	5
82) 4-Chlorotoluene	11.396	91	9385	1.586	ug/l #	46
83) tert-Butylbenzene	11.749	119	34380	5.912	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.749	105	288710	48.656	ug/l	98
85) sec-Butylbenzene	11.749	105	288710	38.327	ug/l #	57
86) p-Isopropyltoluene	12.012	119	3776	0.608	ug/l	87
89) n-Butylbenzene	12.335	91	7641	1.234	ug/l #	67

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

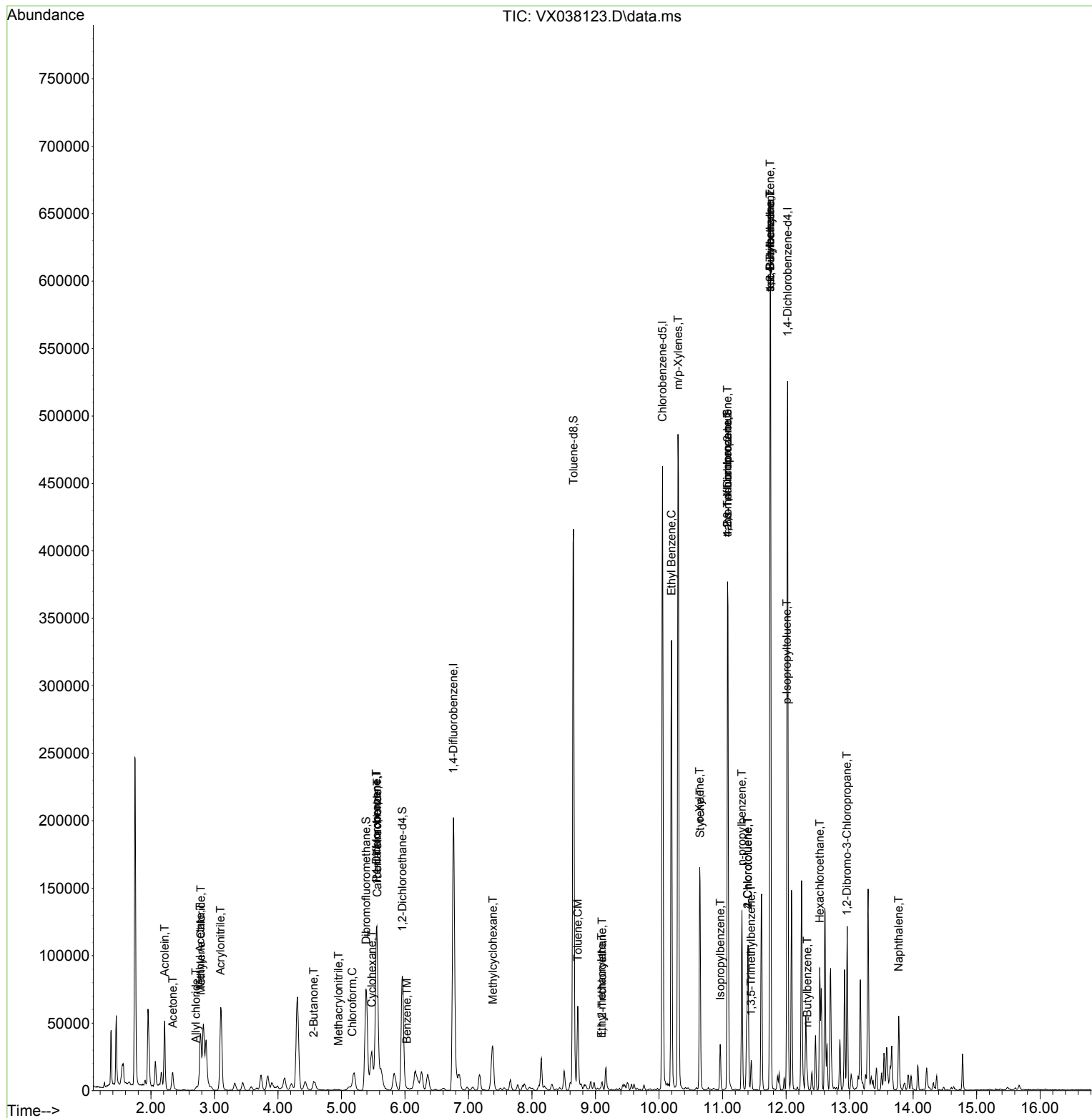
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.530	117	3875	3.760	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	433	0.708	ug/l #	9
95) Naphthalene	13.773	128	33583	4.422	ug/l	99

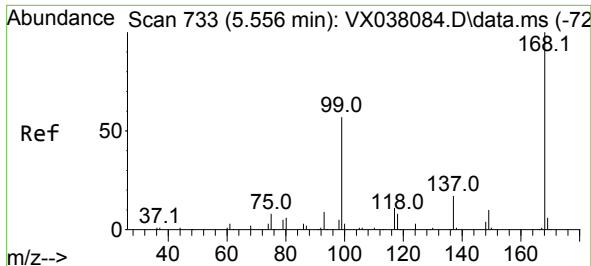
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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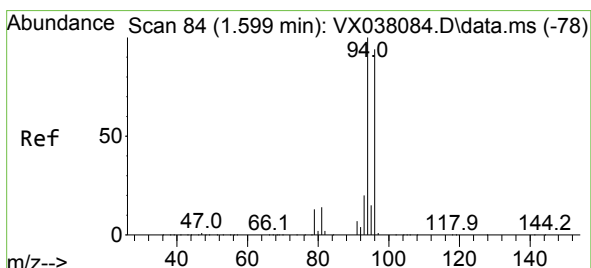
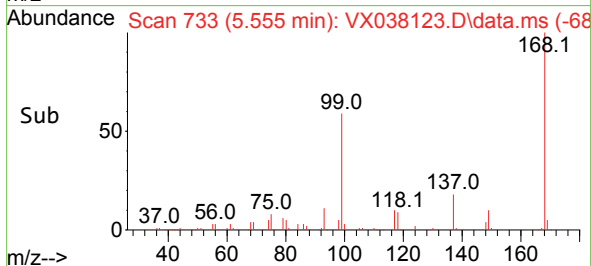
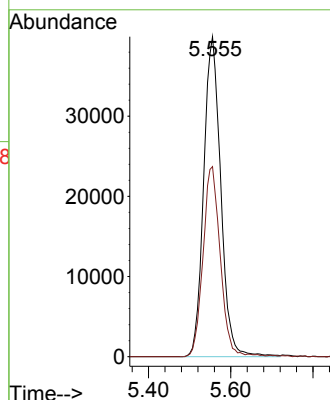
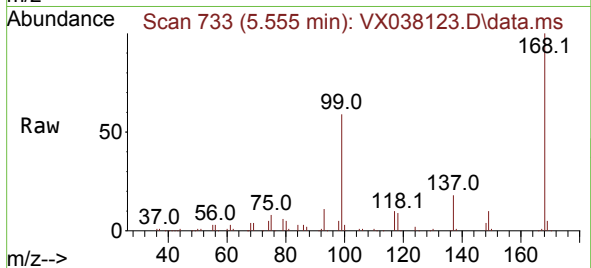




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX038123.D
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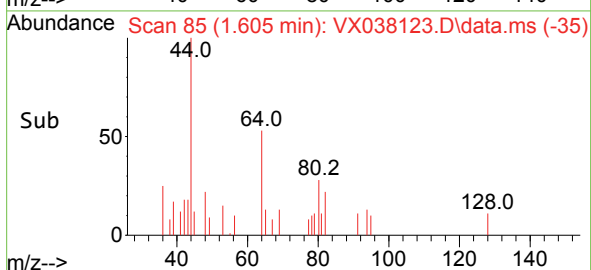
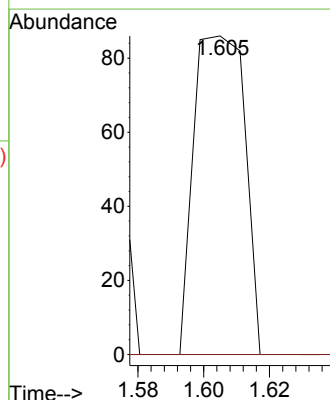
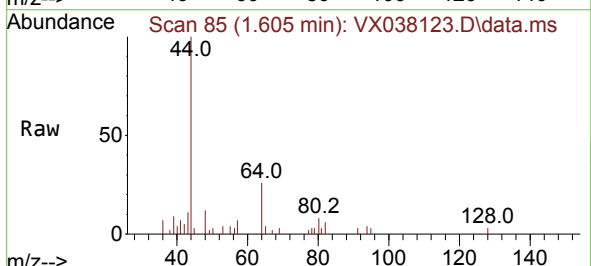
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

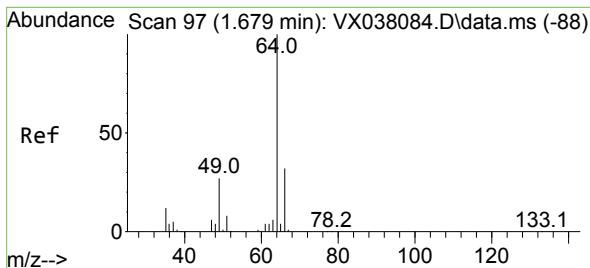
Tgt Ion:168 Resp: 115264
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

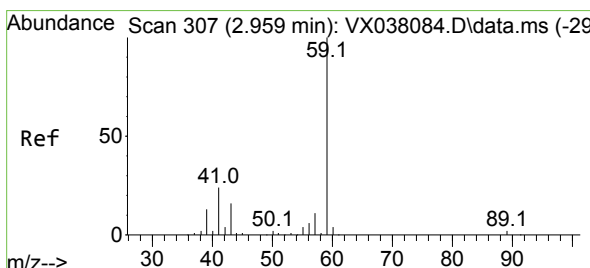
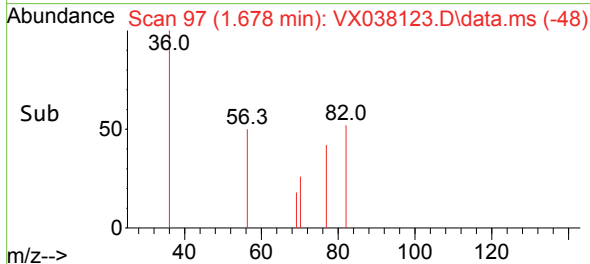
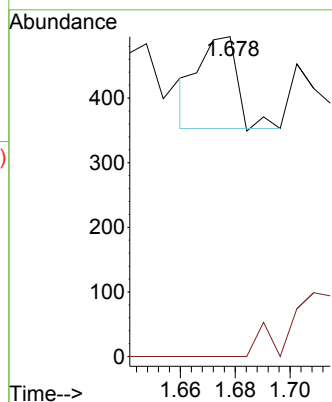
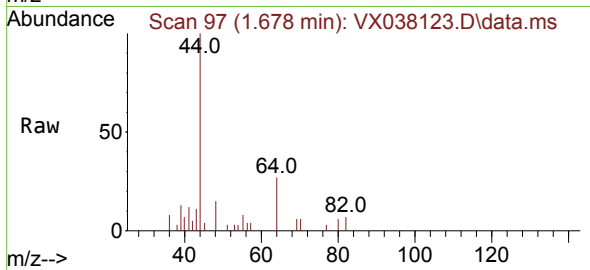




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

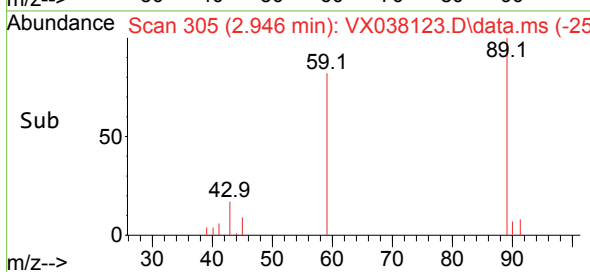
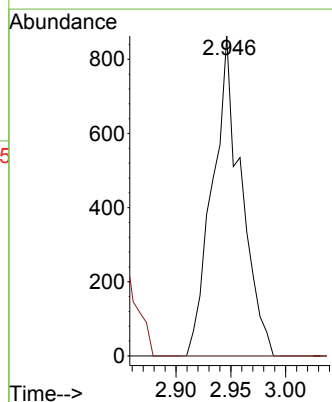
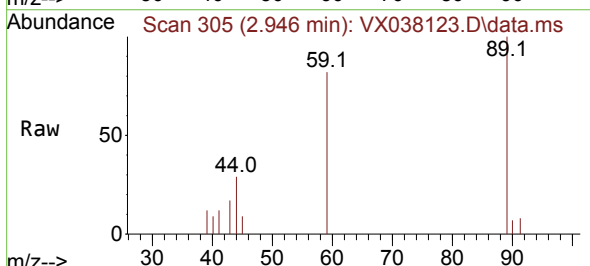
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

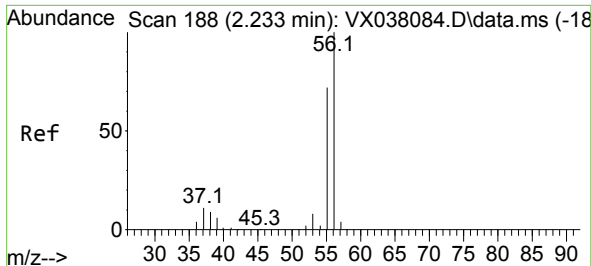
Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 59 Resp: 1568
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 4.538 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

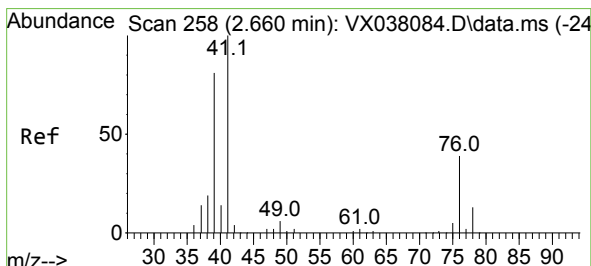
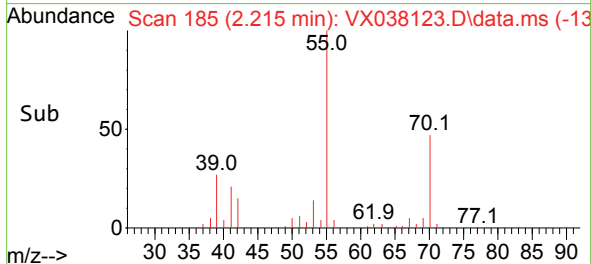
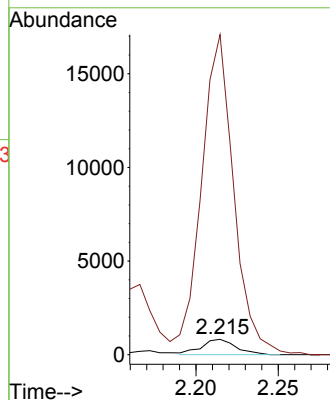
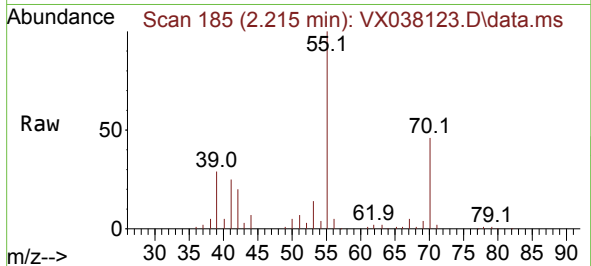
MW-5B

Tgt Ion: 56 Resp: 1196

Ion Ratio Lower Upper

56 100

55 1958.3 57.1 85.7#



#14

Allyl chloride

Concen: 0.602 ug/l

RT: 2.708 min Scan# 266

Delta R.T. 0.048 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

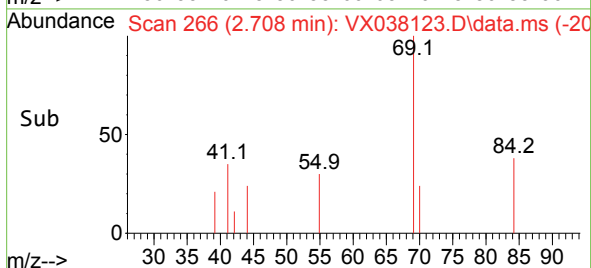
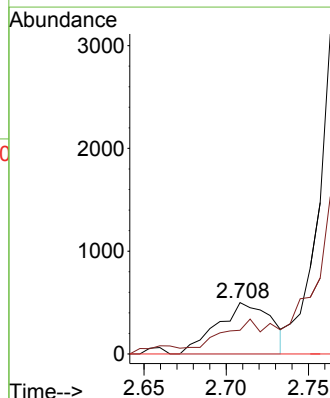
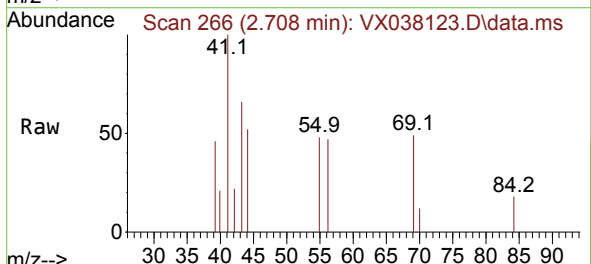
Tgt Ion: 41 Resp: 1136

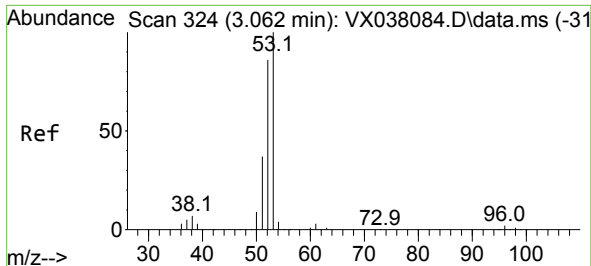
Ion Ratio Lower Upper

41 100

39 38.0 55.8 83.6#

76 0.0 24.3 36.5#

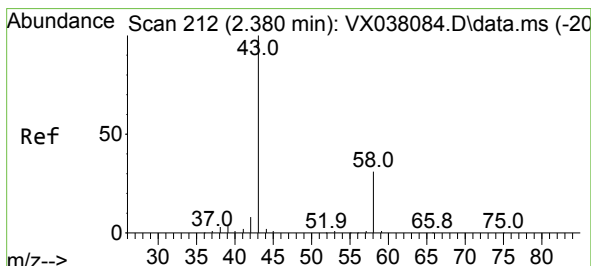
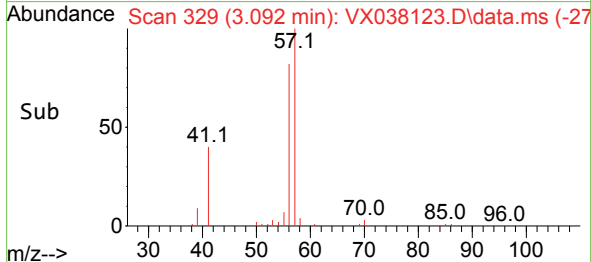
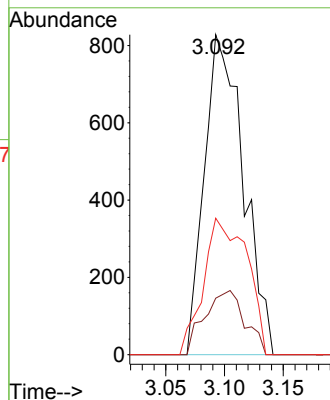
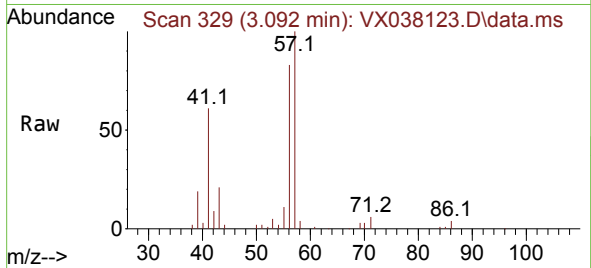




#15
Acrylonitrile
Concen: 2.264 ug/l
RT: 3.092 min Scan# 31
Delta R.T. 0.030 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

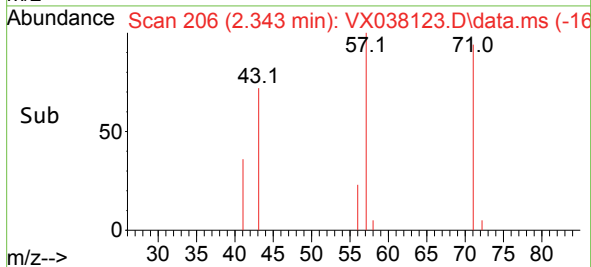
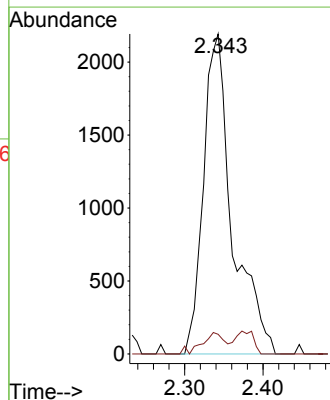
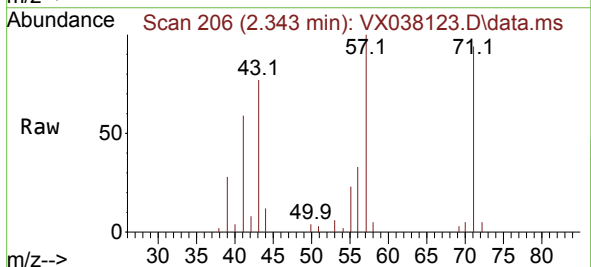
Instrument :
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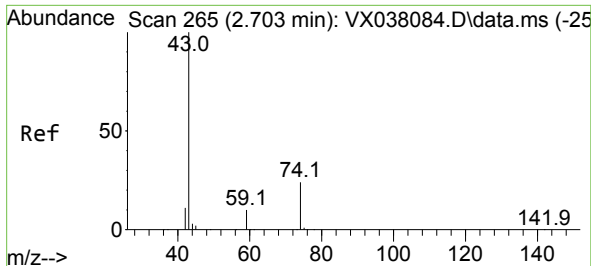
Tgt Ion: 53 Resp: 1910
Ion Ratio Lower Upper
53 100
52 20.7 66.0 99.0#
51 47.6 29.8 44.6#



#16
Acetone
Concen: 7.234 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.037 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 43 Resp: 5597
Ion Ratio Lower Upper
43 100
58 6.2 21.9 32.9#

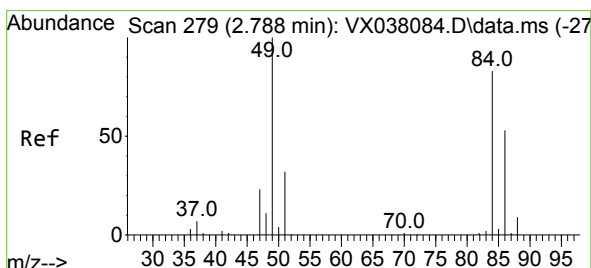
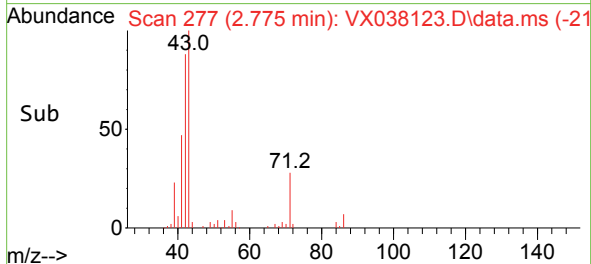
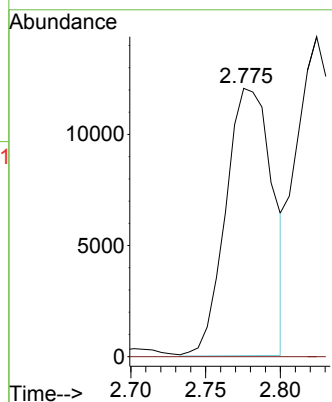
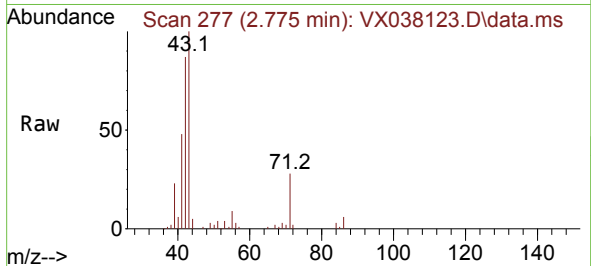




#18
Methyl Acetate
Concen: 7.877 ug/l
RT: 2.775 min Scan# 21
Delta R.T. 0.072 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

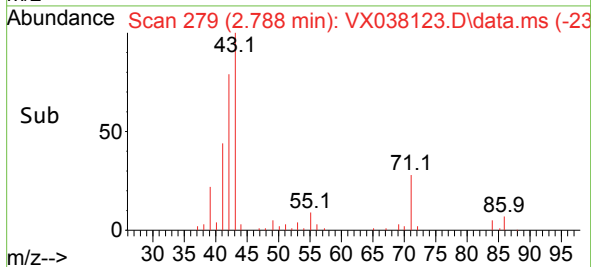
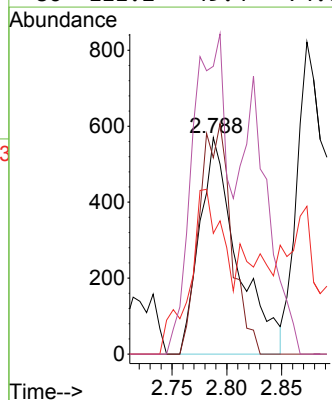
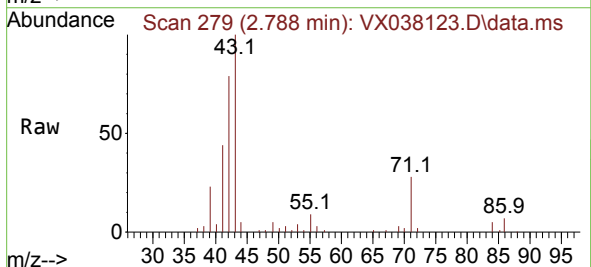
Instrument :
MSVOA_X
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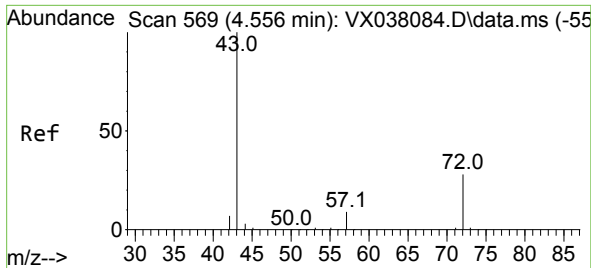
Tgt Ion: 43 Resp: 26138
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.938 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 84 Resp: 1365
Ion Ratio Lower Upper
84 100
49 90.7 103.6 155.4#
51 39.5 33.8 50.6
86 111.2 49.4 74.0#

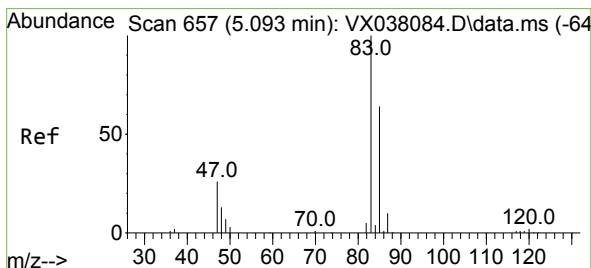
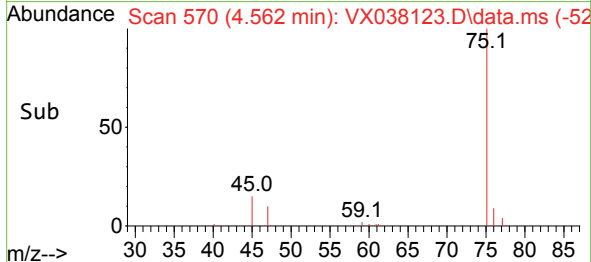
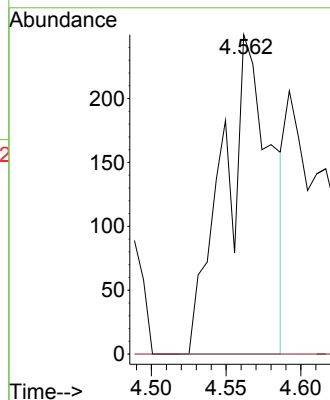
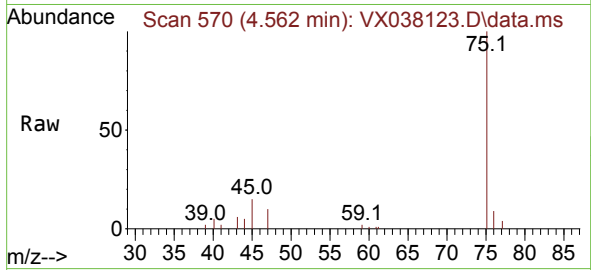




#25
2-Butanone
Concen: 0.437 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

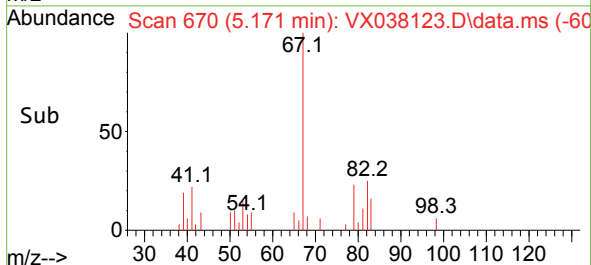
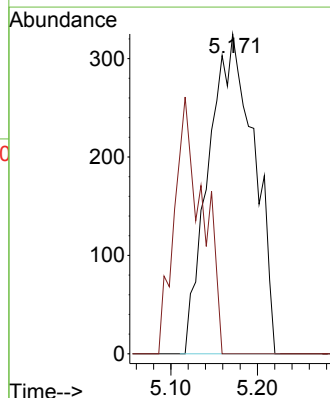
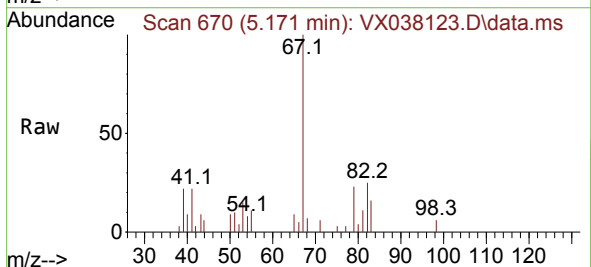
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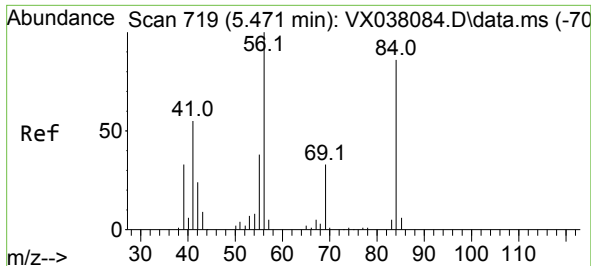
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#30
Chloroform
Concen: 0.451 ug/l
RT: 5.171 min Scan# 670
Delta R.T. 0.078 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 83 Resp: 1184
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#

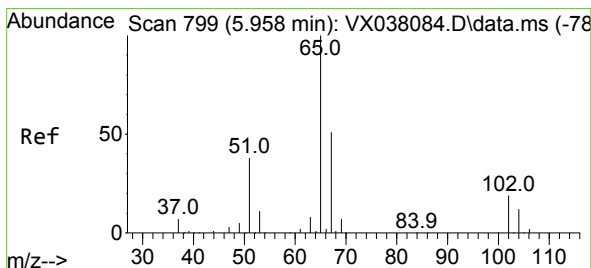
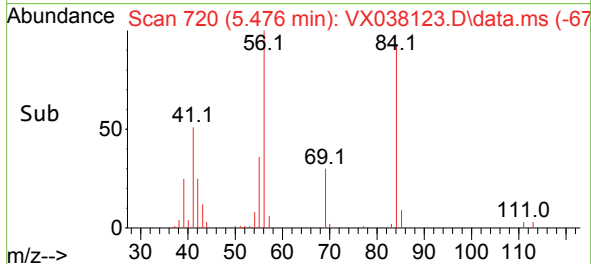
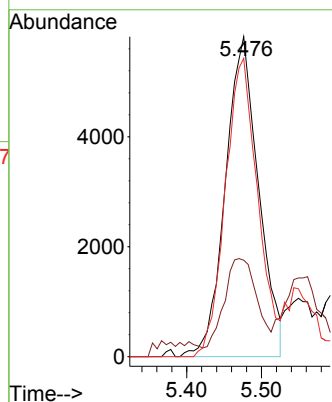
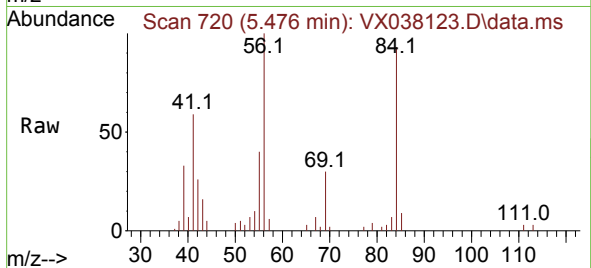




#31
Cyclohexane
Concen: 8.942 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

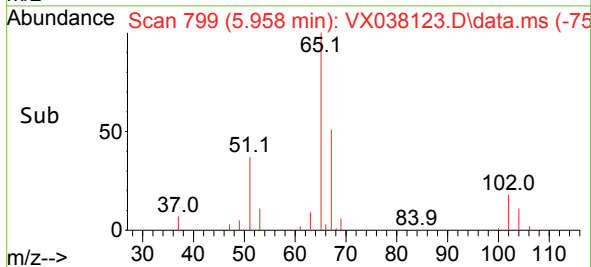
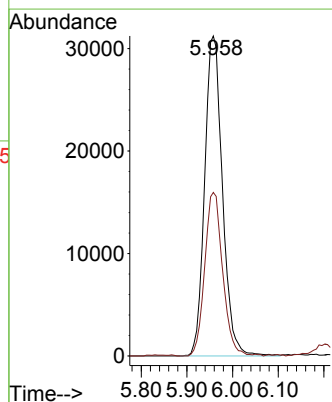
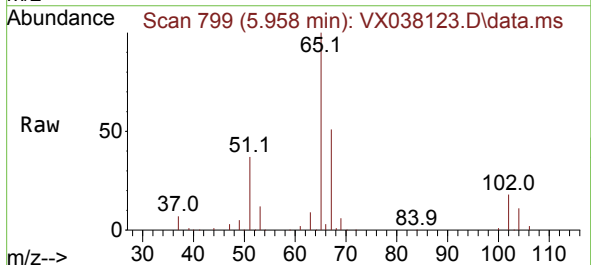
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

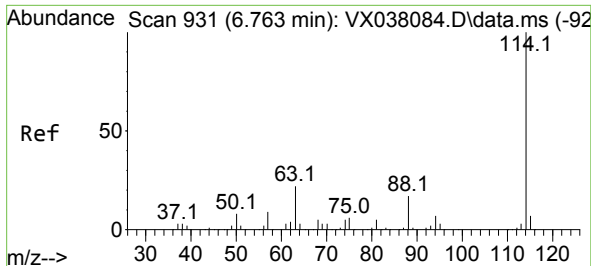
Tgt Ion: 56 Resp: 17961
Ion Ratio Lower Upper
56 100
69 25.7 23.4 35.2
84 93.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.588 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 65 Resp: 84518
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

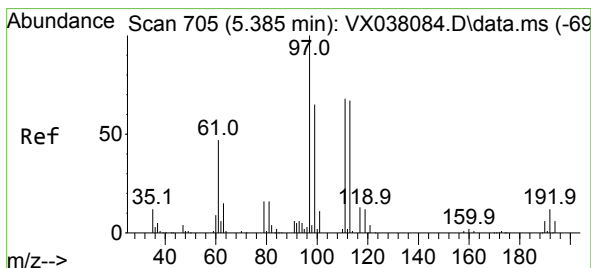
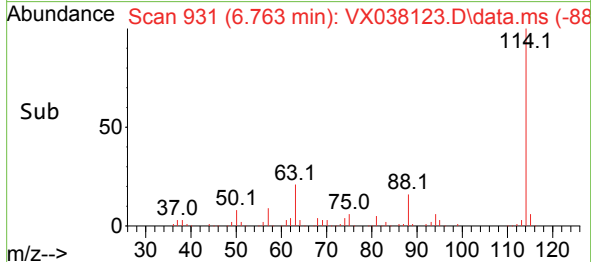
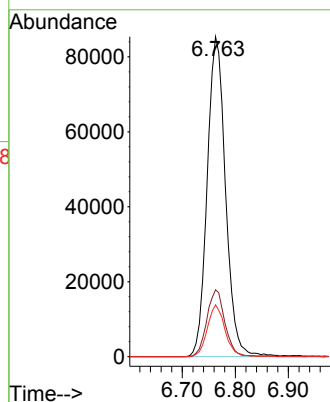
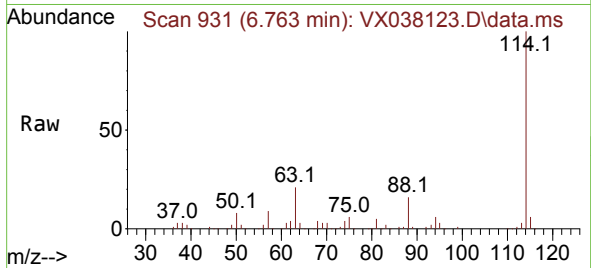




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

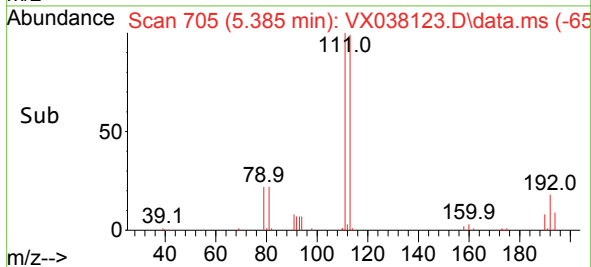
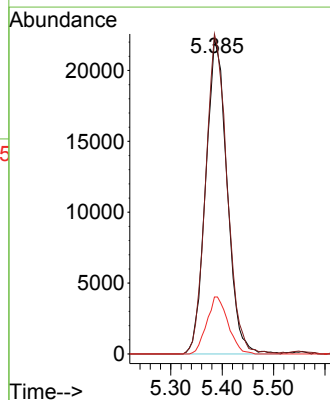
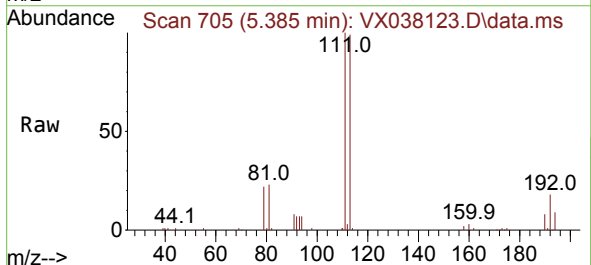
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

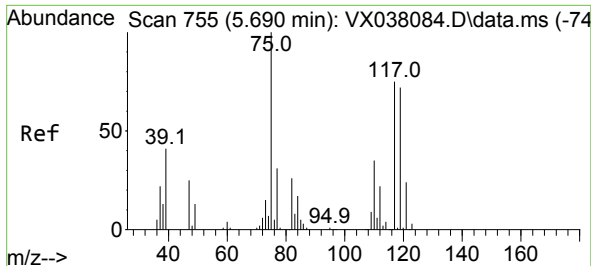
Tgt Ion:114 Resp: 205191
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion:113 Resp: 64202
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.0 13.3 19.9

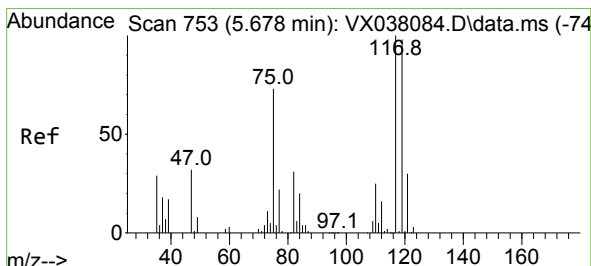
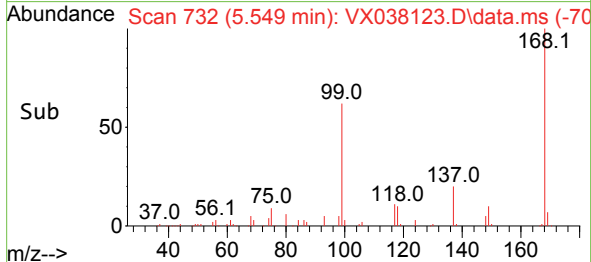
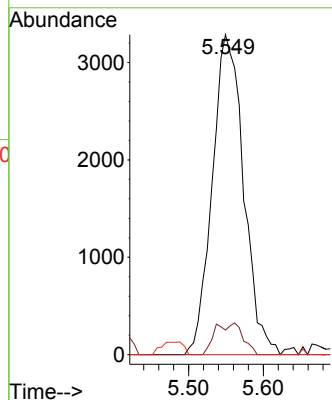
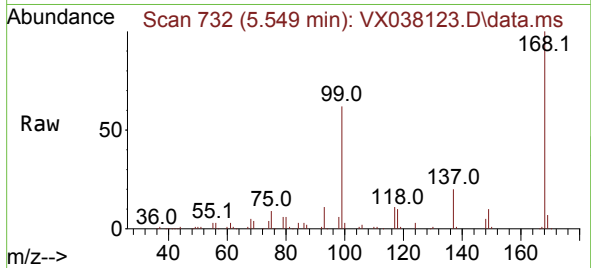




#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

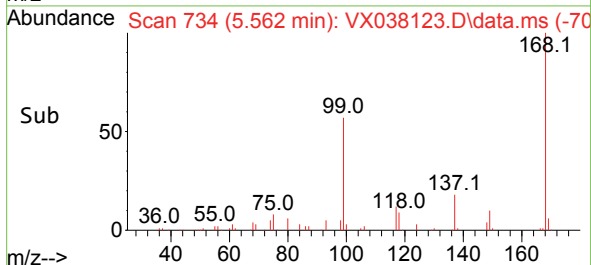
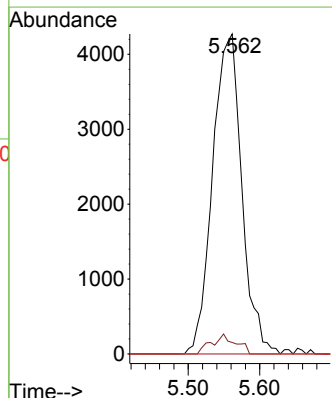
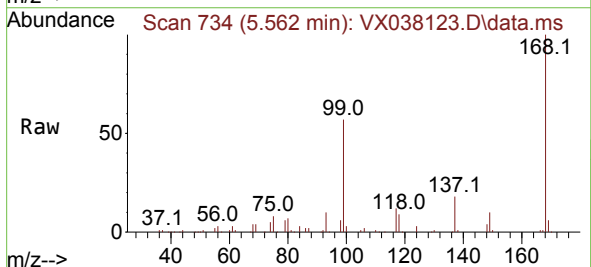
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

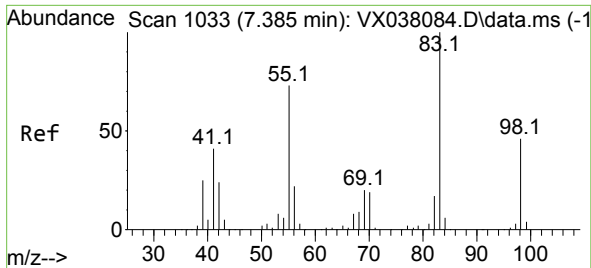
Tgt Ion: 75 Resp: 9564
Ion Ratio Lower Upper
75 100
110 4.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.039 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 117 Resp: 12113
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 5.779 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.001 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

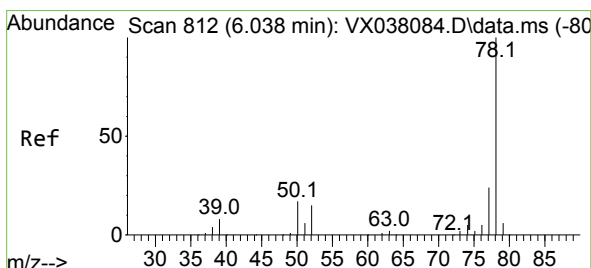
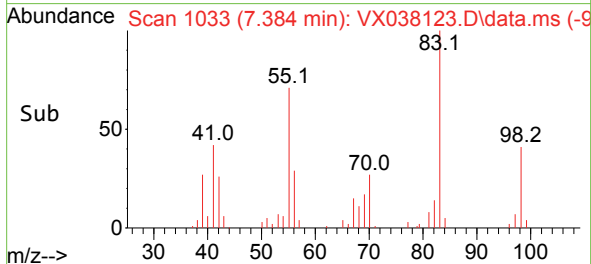
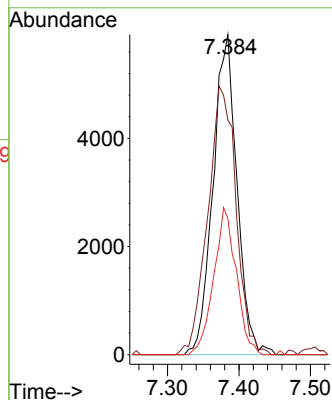
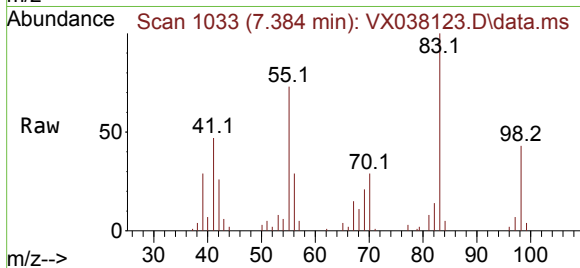
Tgt Ion: 83 Resp: 13801

Ion Ratio Lower Upper

83 100

55 73.4 64.6 97.0

98 42.6 36.7 55.1



#40

Benzene

Concen: 0.234 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.007 min

Lab File: VX038123.D

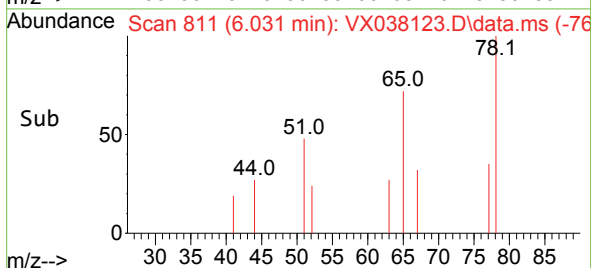
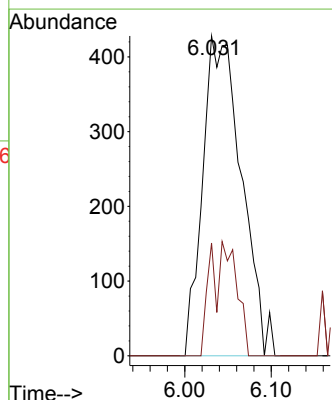
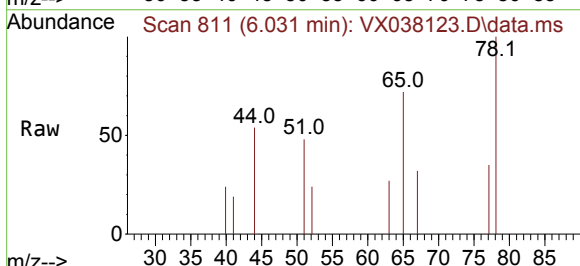
Acq: 06 Oct 2023 12:14

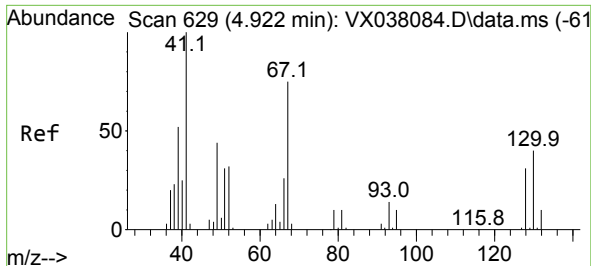
Tgt Ion: 78 Resp: 1334

Ion Ratio Lower Upper

78 100

77 35.3 19.3 28.9#

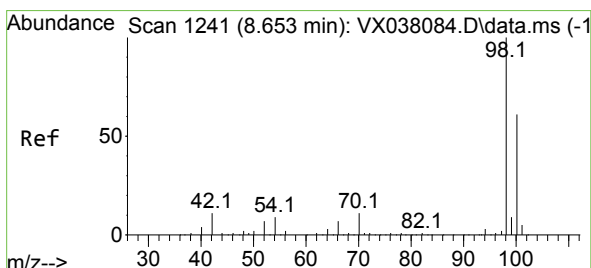
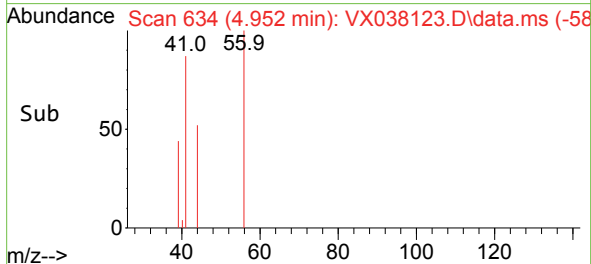
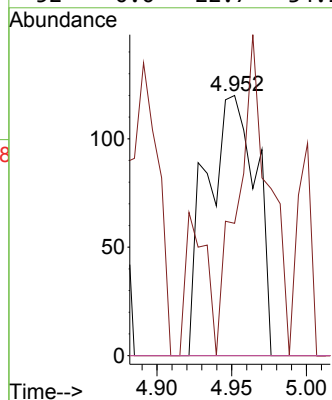
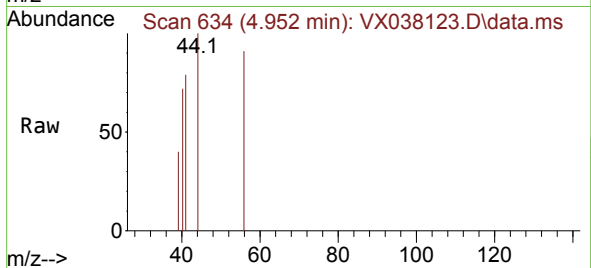




#41
Methacrylonitrile
Concen: 0.230 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

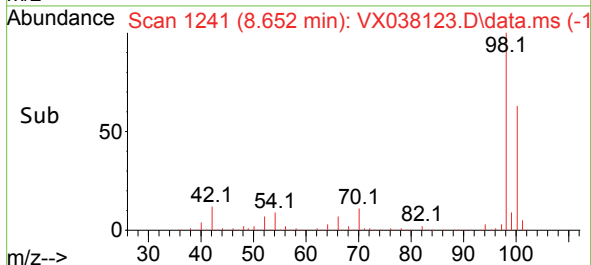
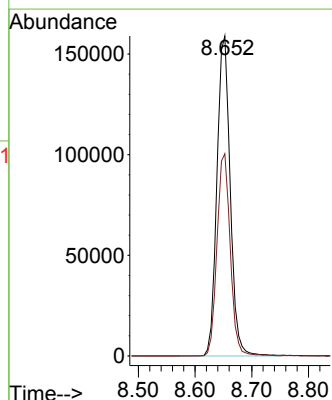
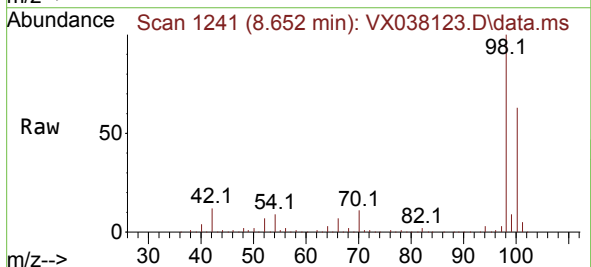
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

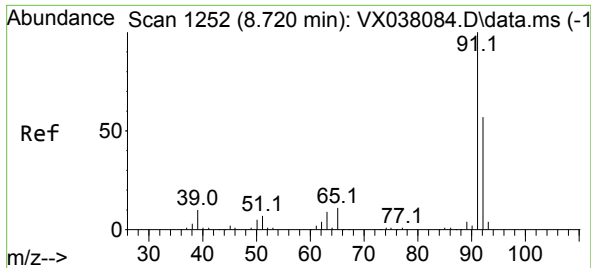
Tgt Ion: 41 Resp: 277
Ion Ratio Lower Upper
41 100
39 77.3 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 45.801 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 98 Resp: 258766
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

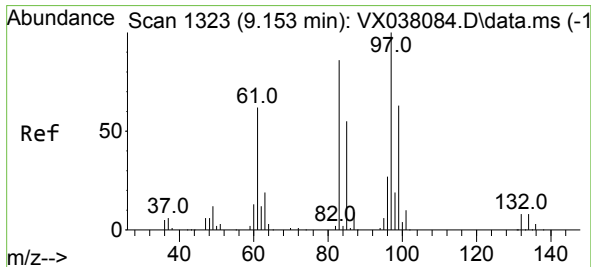
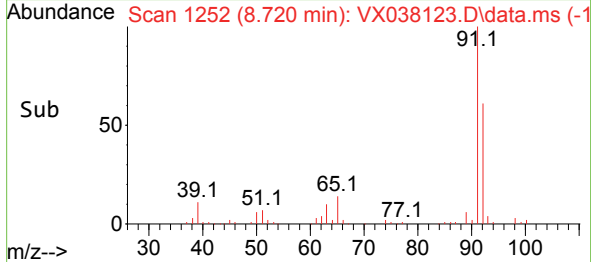
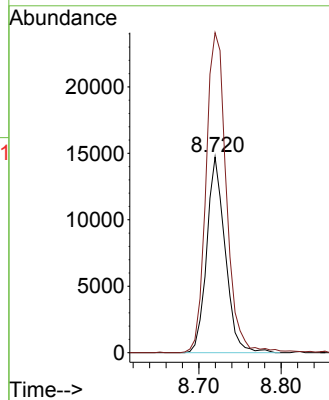
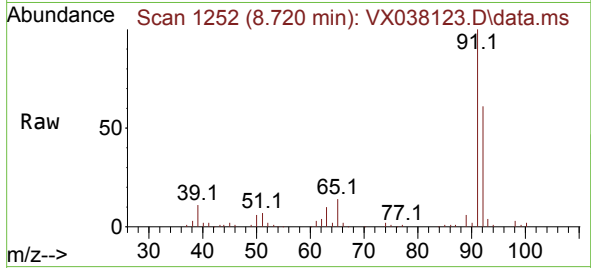




#52
Toluene
Concen: 6.173 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

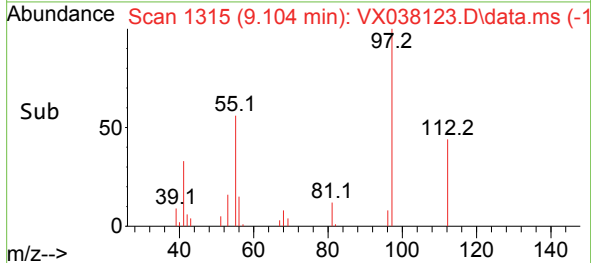
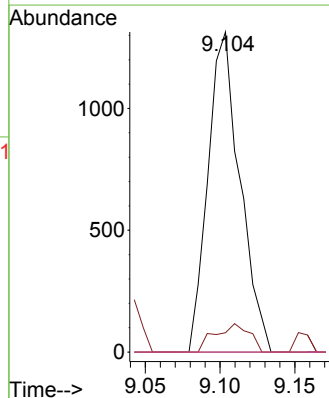
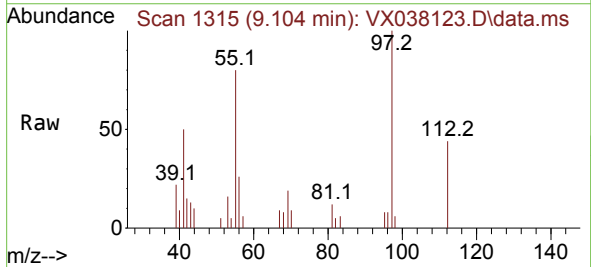
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

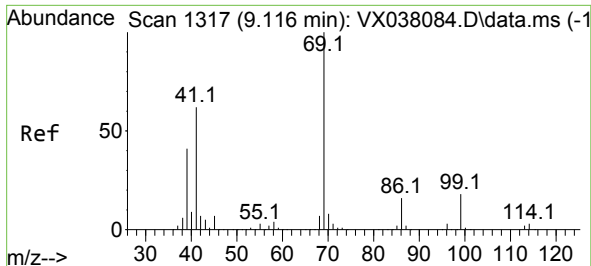
Tgt Ion: 92 Resp: 22930
Ion Ratio Lower Upper
92 100
91 181.7 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 1.230 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 97 Resp: 1955
Ion Ratio Lower Upper
97 100
83 6.0 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

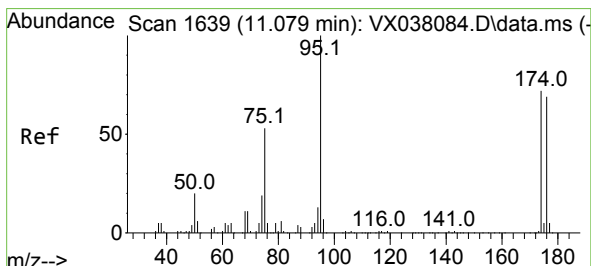
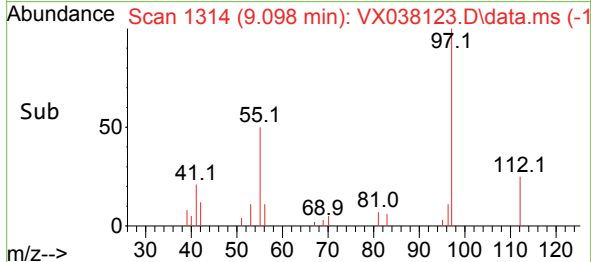
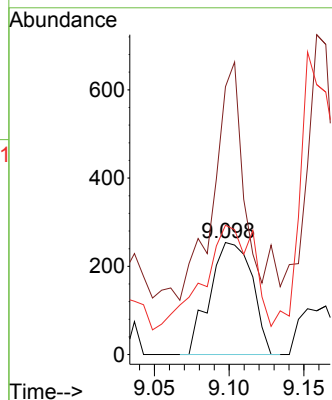
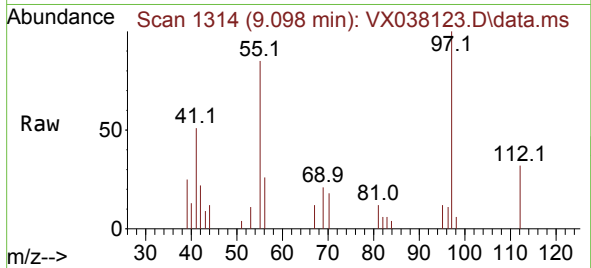




#56
Ethyl methacrylate
Concen: 0.205 ug/l
RT: 9.098 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

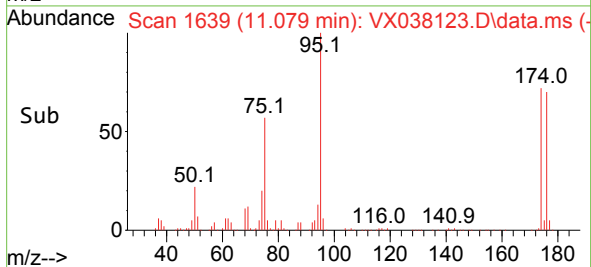
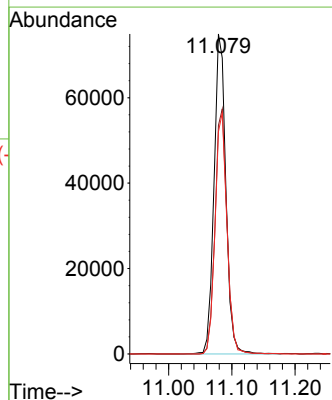
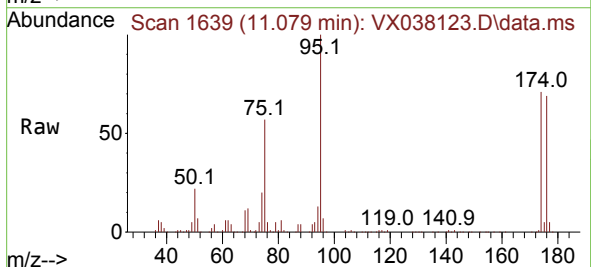
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

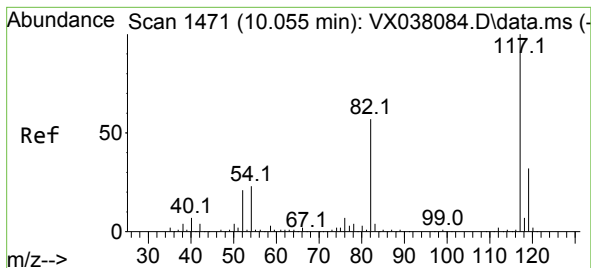
Tgt Ion: 69 Resp: 499
Ion Ratio Lower Upper
69 100
41 174.7 56.8 85.2#
39 108.8 32.0 48.0#



#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 95 Resp: 97590
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 75.6 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: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

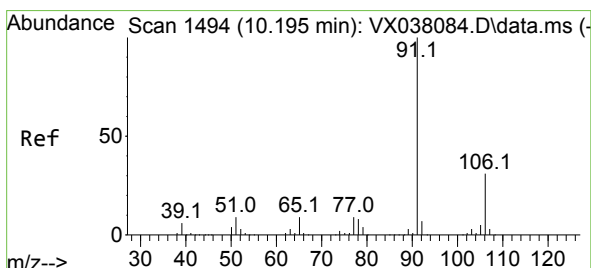
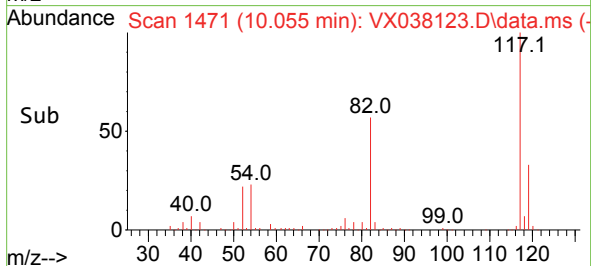
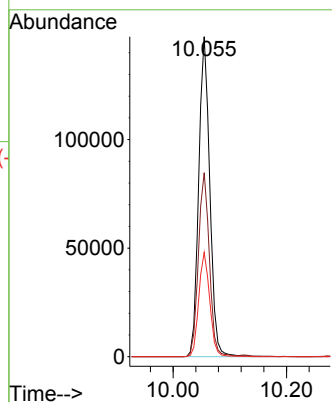
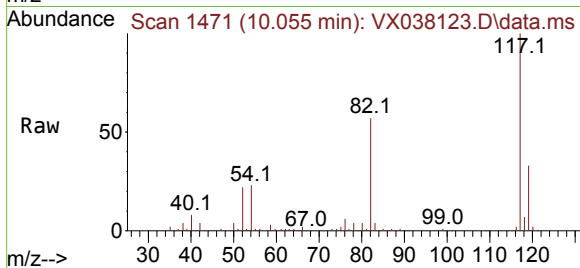
Tgt Ion:117 Resp: 199861

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 32.6 25.5 38.3



#67

Ethyl Benzene

Concen: 25.060 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX038123.D

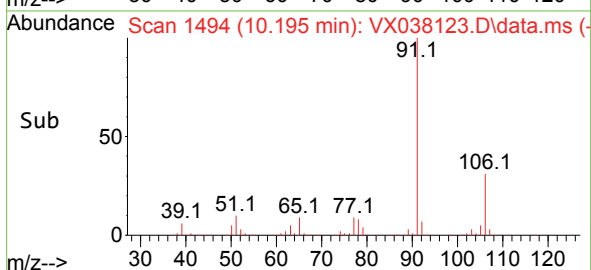
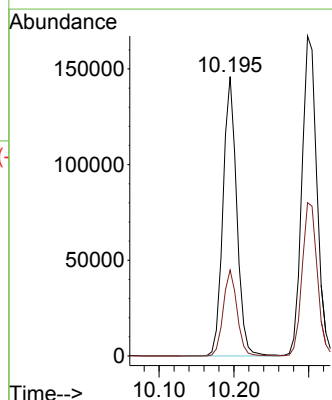
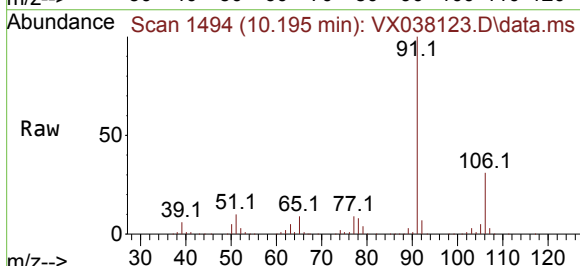
Acq: 06 Oct 2023 12:14

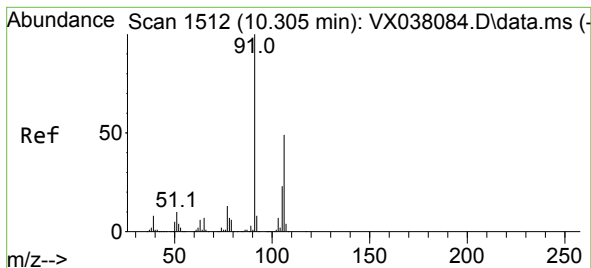
Tgt Ion: 91 Resp: 187080

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3





#68

m/p-Xylenes

Concen: 39.322 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

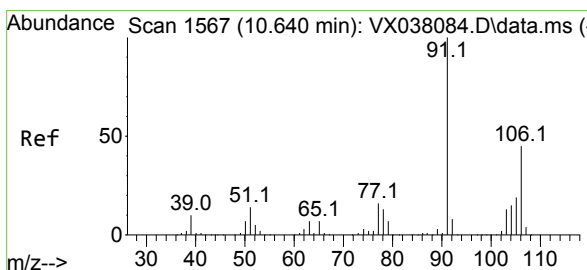
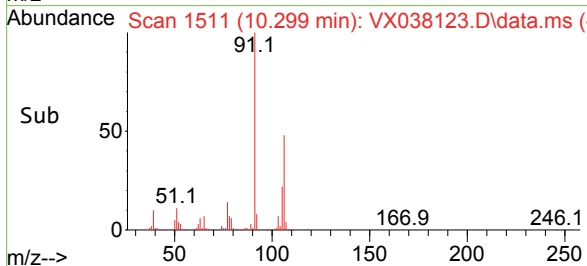
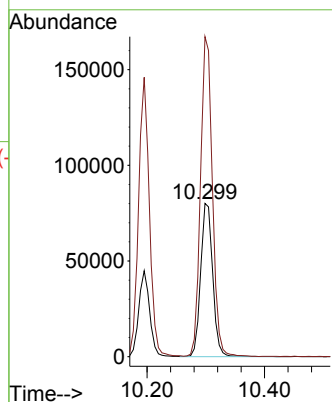
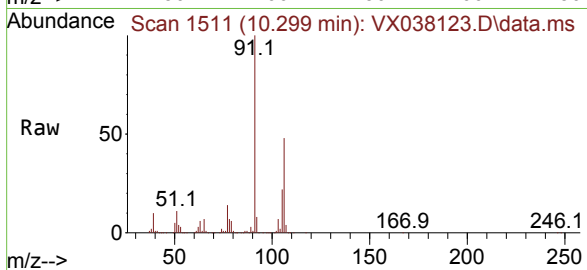
MW-5B

Tgt Ion:106 Resp: 113504

Ion Ratio Lower Upper

106 100

91 206.1 165.5 248.3



#69

o-Xylene

Concen: 12.560 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX038123.D

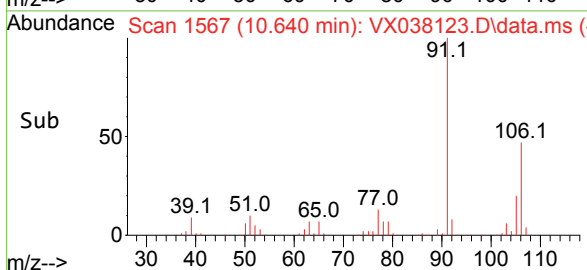
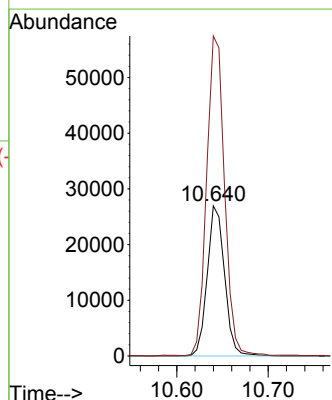
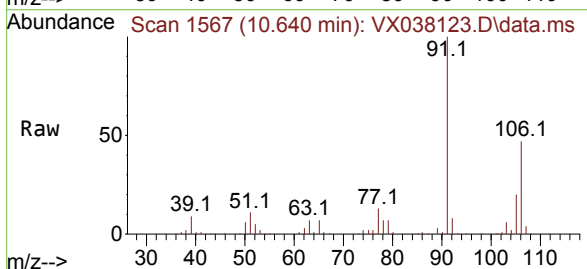
Acq: 06 Oct 2023 12:14

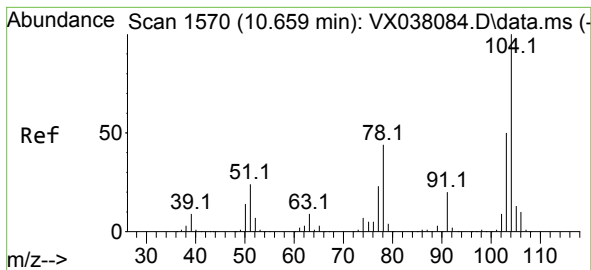
Tgt Ion:106 Resp: 35385

Ion Ratio Lower Upper

106 100

91 219.0 108.9 326.8





#70

Styrene

Concen: 0.458 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.013 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

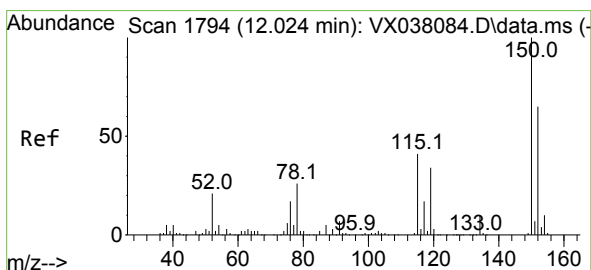
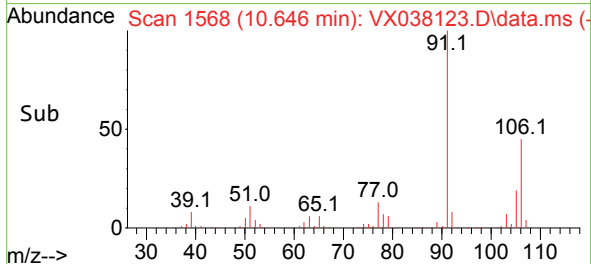
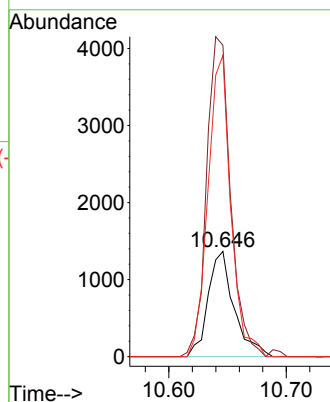
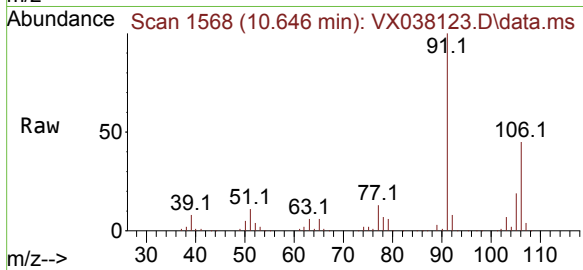
Tgt Ion:104 Resp: 2100

Ion Ratio Lower Upper

104 100

78 279.8 43.6 65.4#

103 252.2 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

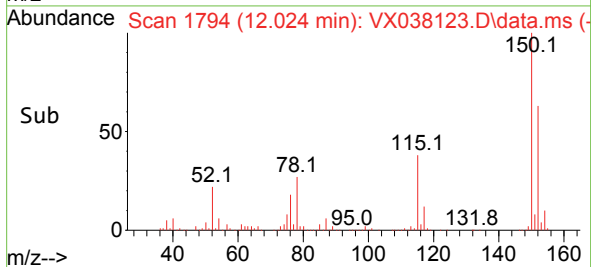
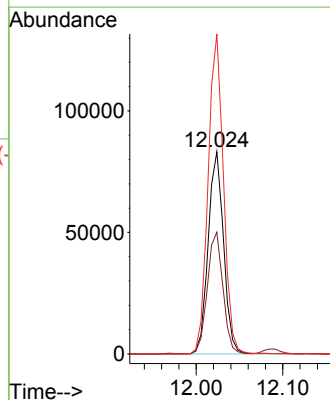
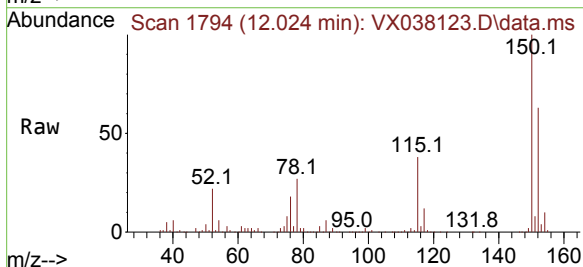
Tgt Ion:152 Resp: 102860

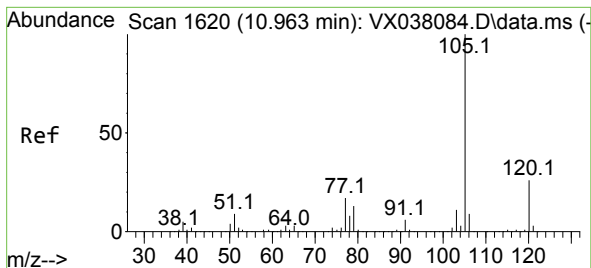
Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 157.4 0.0 345.0





#73

Isopropylbenzene

Concen: 2.452 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

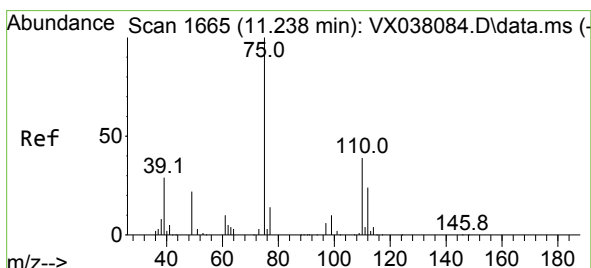
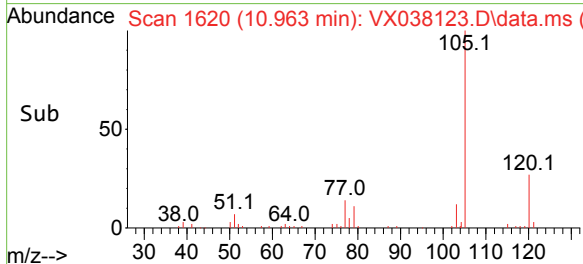
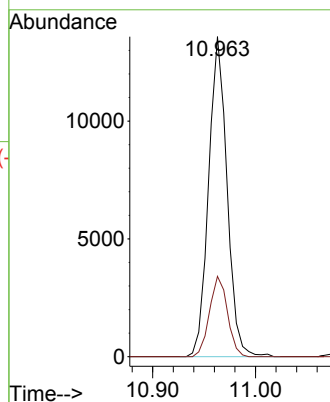
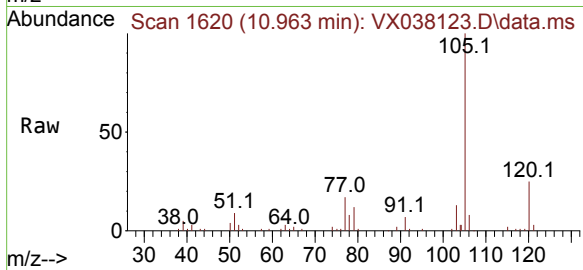
MW-5B

Tgt Ion:105 Resp: 16913

Ion Ratio Lower Upper

105 100

120 24.5 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 23.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038123.D

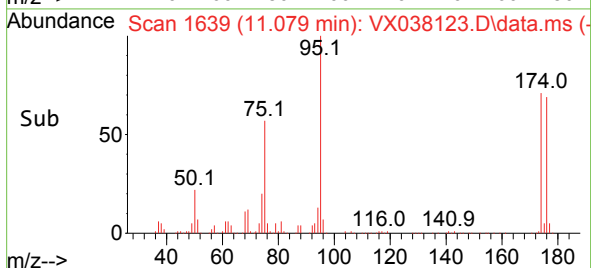
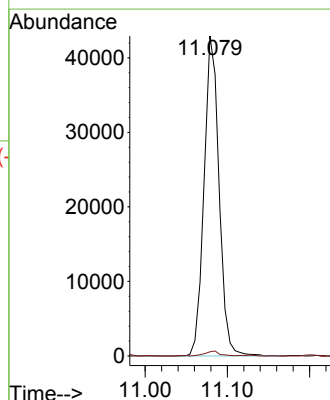
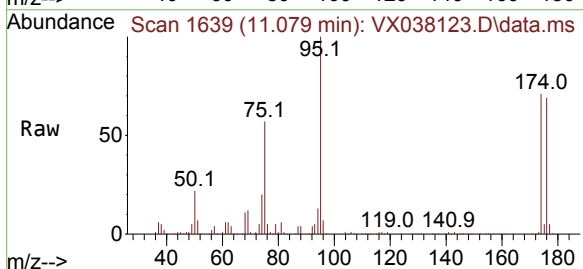
Acq: 06 Oct 2023 12:14

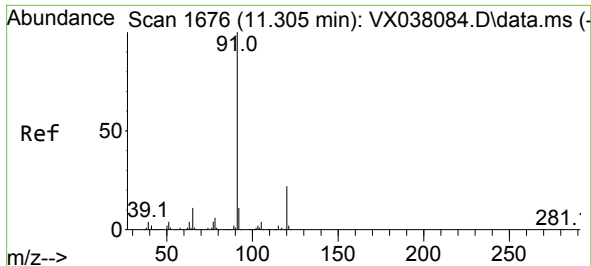
Tgt Ion: 75 Resp: 54457

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

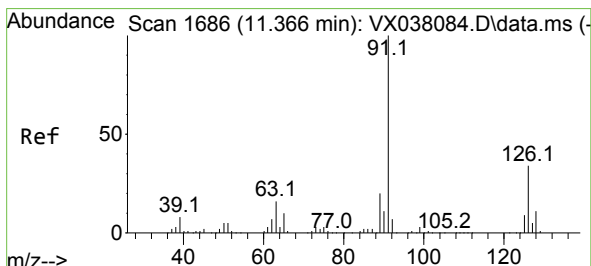
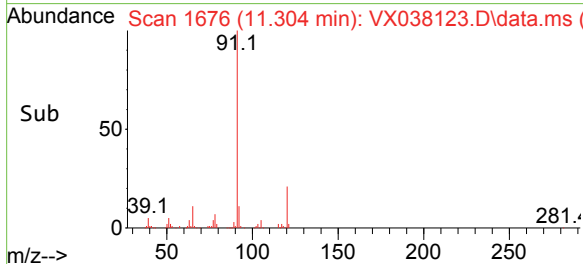
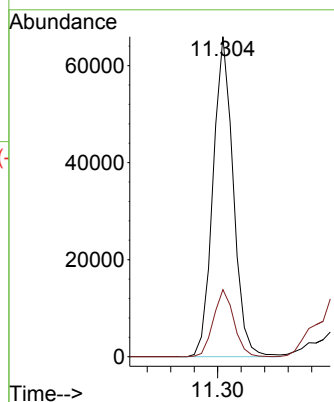
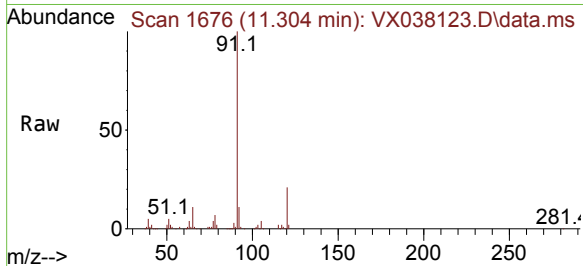




#78
n-propylbenzene
Concen: 9.342 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

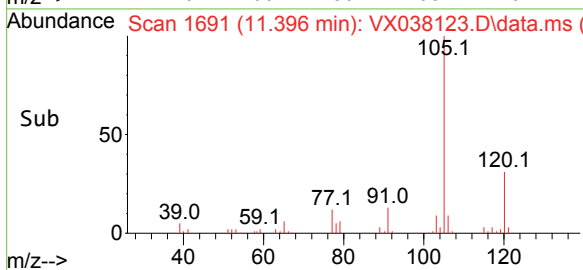
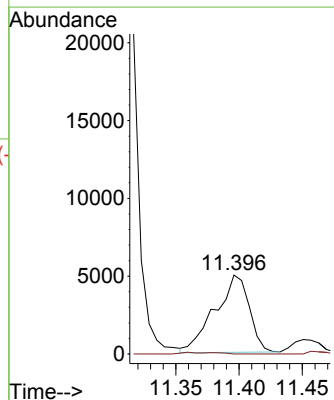
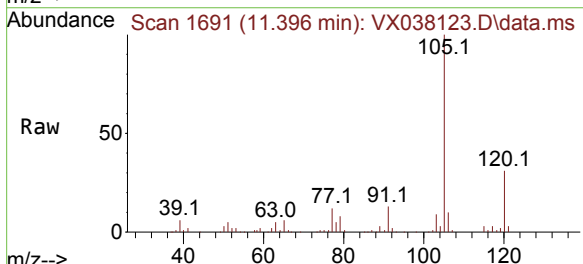
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

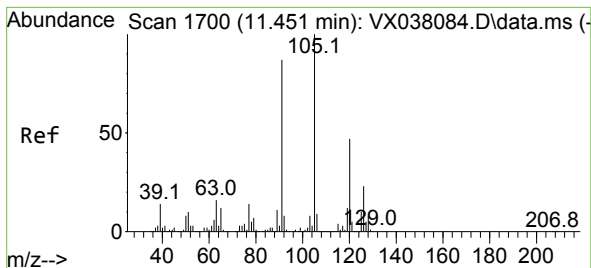
Tgt Ion: 91 Resp: 78795
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.876 ug/l
RT: 11.396 min Scan# 1691
Delta R.T. 0.030 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion: 91 Resp: 9385
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 1.596 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

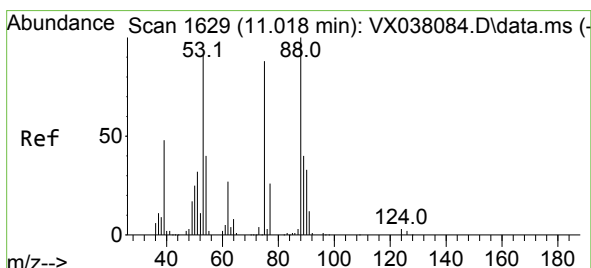
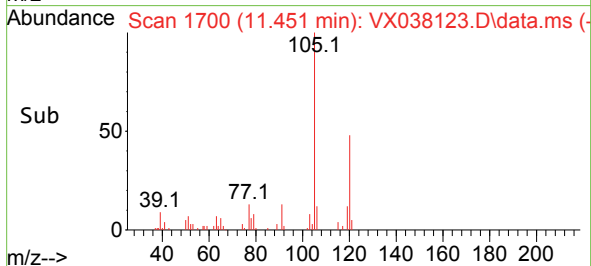
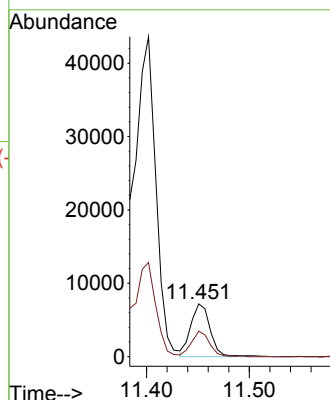
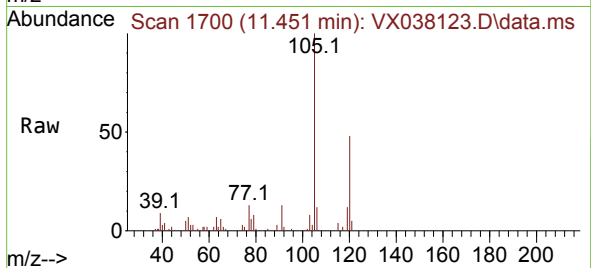
MW-5B

Tgt Ion:105 Resp: 9498

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 66.548 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

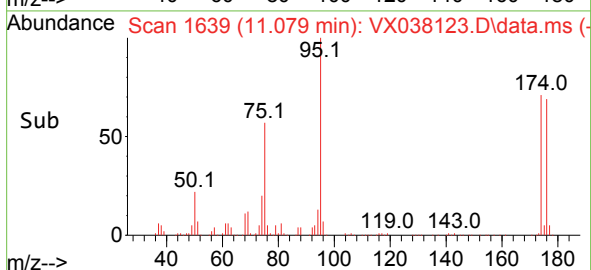
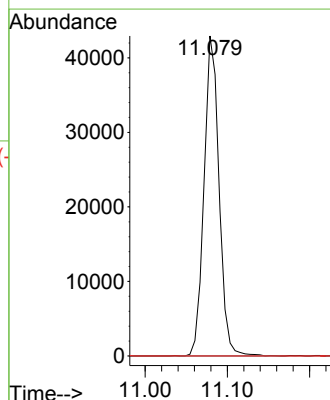
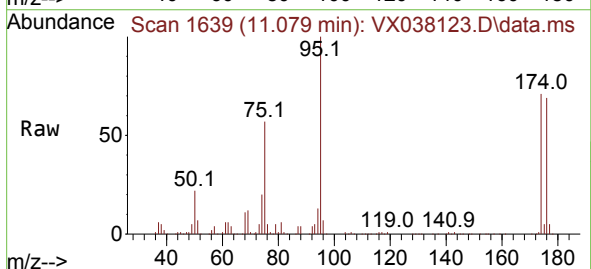
Tgt Ion: 75 Resp: 54457

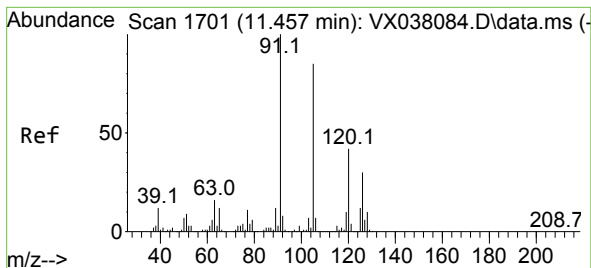
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 1.586 ug/l

RT: 11.396 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

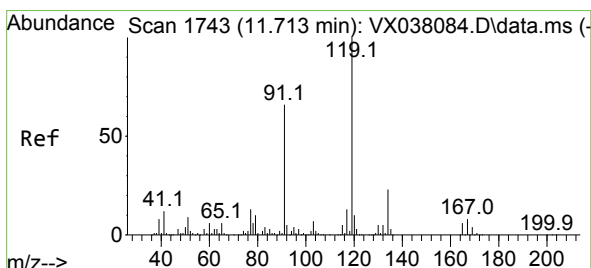
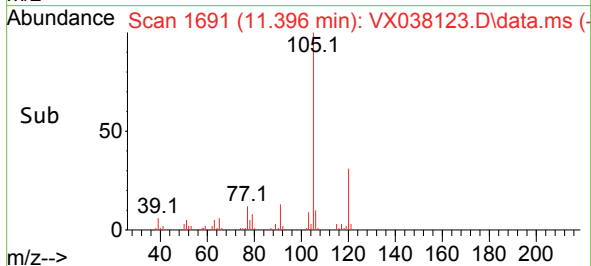
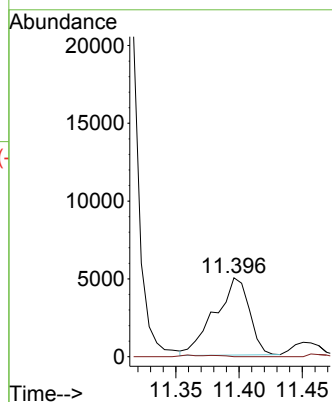
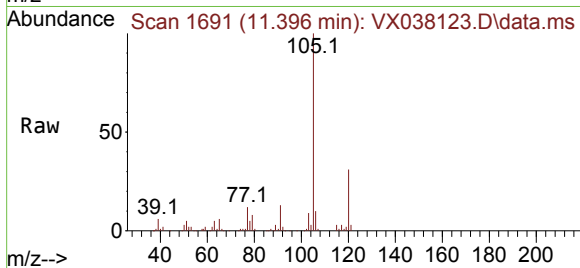
MW-5B

Tgt Ion: 91 Resp: 9385

Ion Ratio Lower Upper

91 100

126 0.0 14.2 42.6#



#83

tert-Butylbenzene

Concen: 5.912 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. 0.036 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

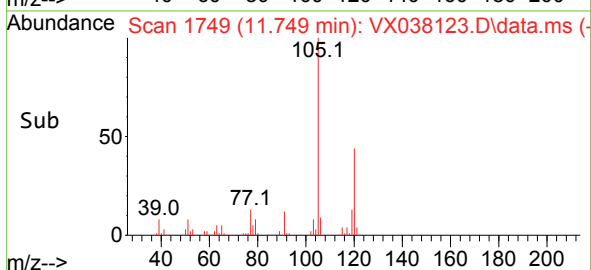
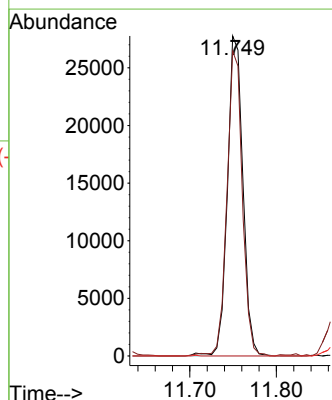
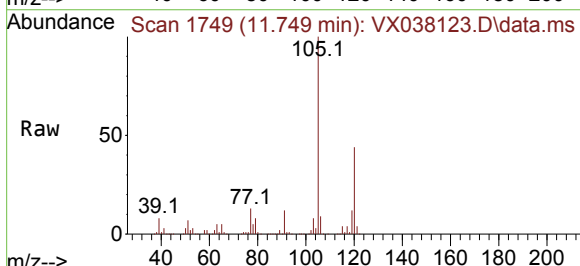
Tgt Ion: 119 Resp: 34380

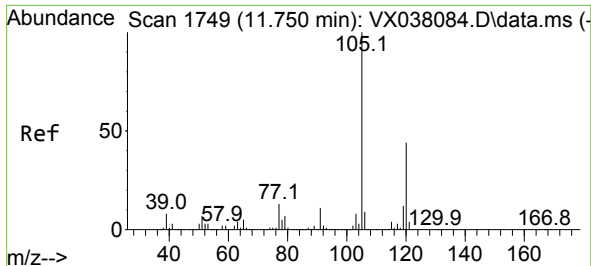
Ion Ratio Lower Upper

119 100

91 95.0 31.2 93.6#

134 0.0 11.7 35.0#

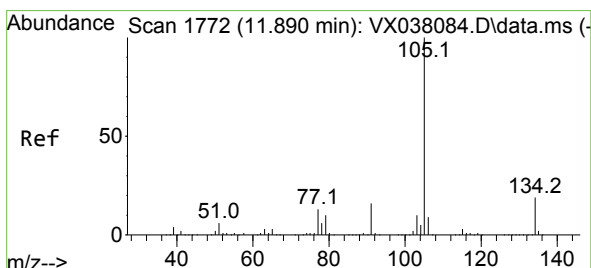
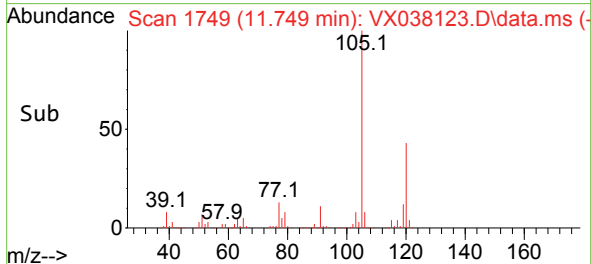
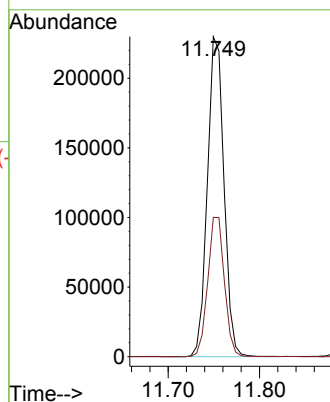
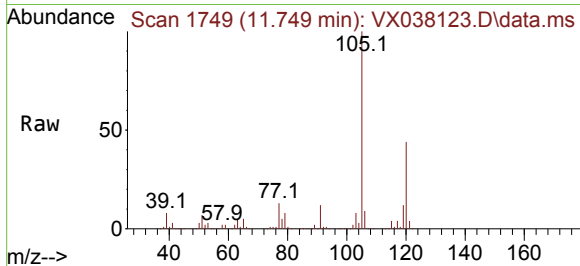




#84
1,2,4-Trimethylbenzene
Concen: 48.656 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

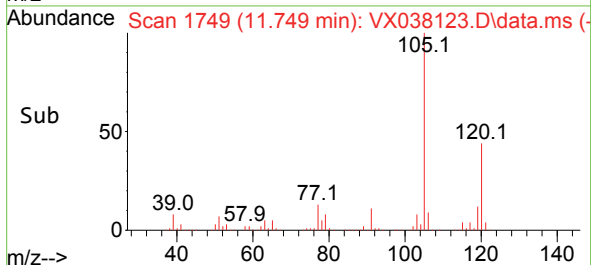
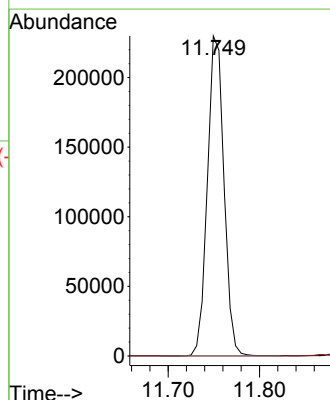
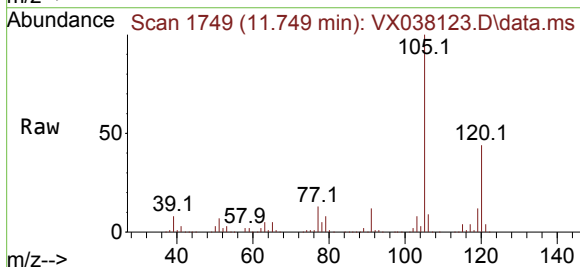
Instrument :
MSVOA_X
ClientSampleId :
MW-5B

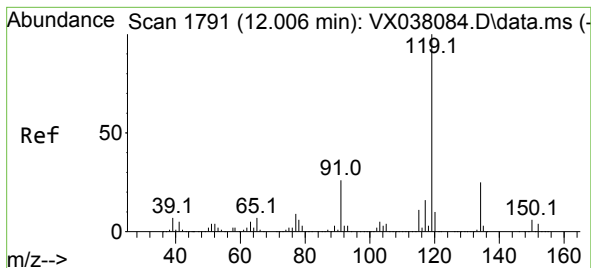
Tgt Ion:105 Resp: 288710
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 38.327 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.141 min
Lab File: VX038123.D
Acq: 06 Oct 2023 12:14

Tgt Ion:105 Resp: 288710
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.608 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B

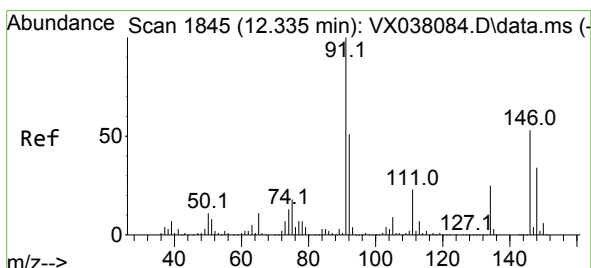
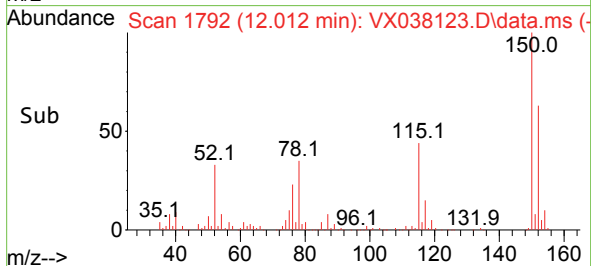
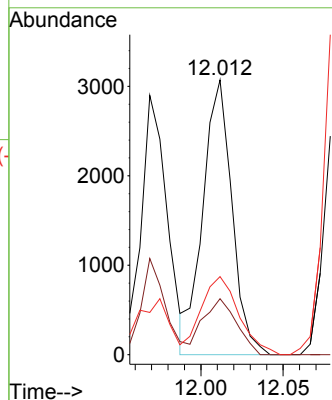
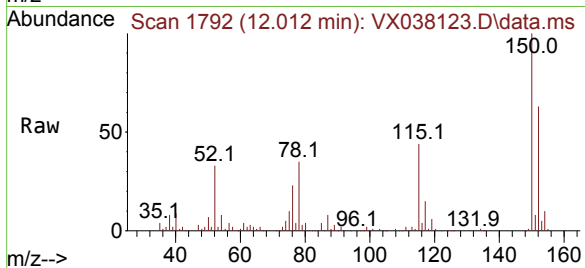
Tgt Ion:119 Resp: 3776

Ion Ratio Lower Upper

119 100

134 23.1 12.8 38.3

91 37.2 13.1 39.3



#89

n-Butylbenzene

Concen: 1.234 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

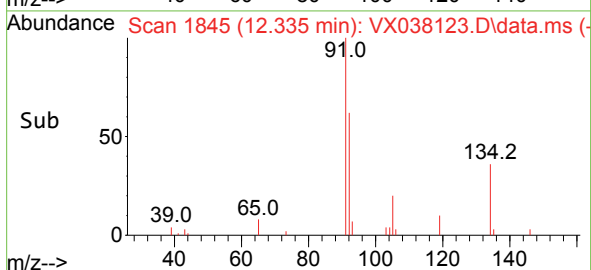
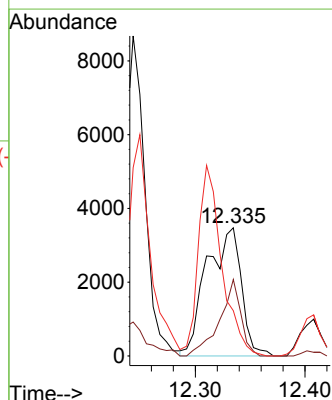
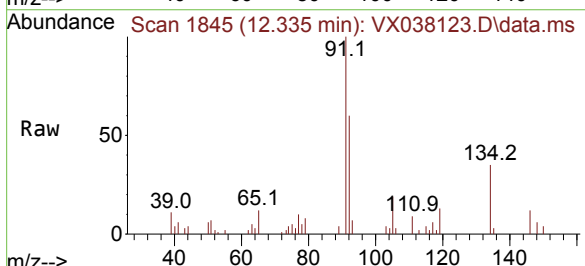
Tgt Ion: 91 Resp: 7641

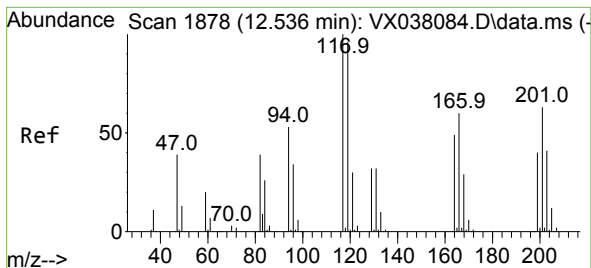
Ion Ratio Lower Upper

91 100

92 36.7 27.4 82.0

134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 3.760 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

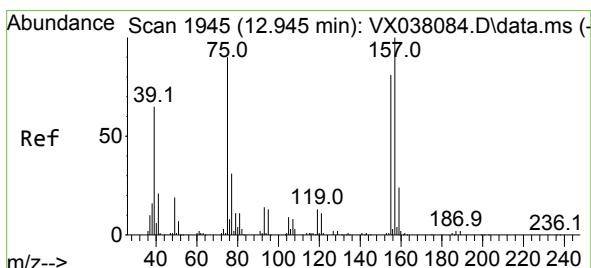
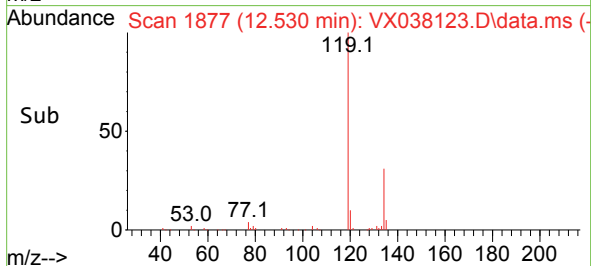
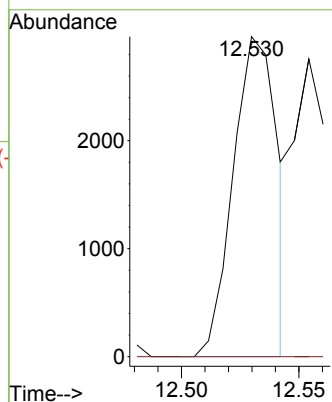
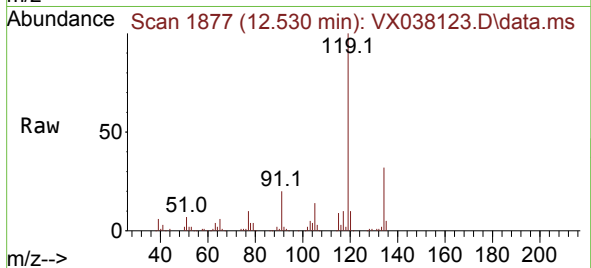
MW-5B

Tgt Ion:117 Resp: 3875

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.708 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.012 min

Lab File: VX038123.D

Acq: 06 Oct 2023 12:14

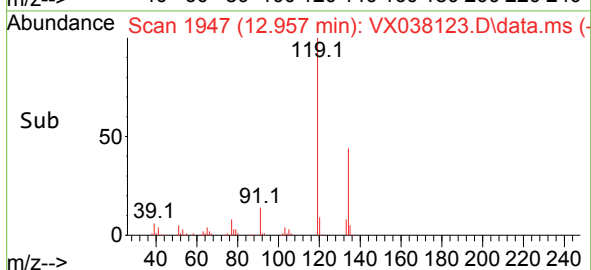
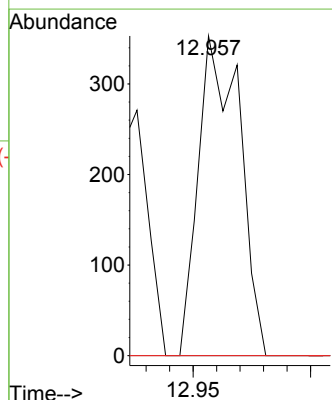
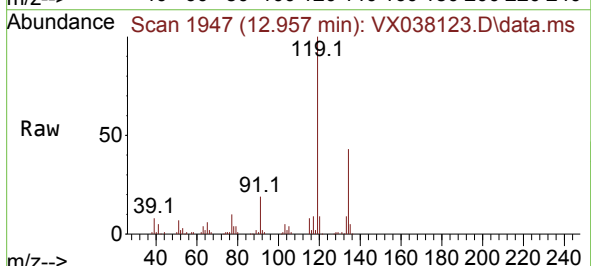
Tgt Ion: 75 Resp: 433

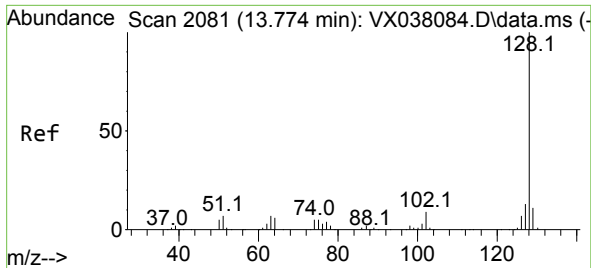
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#95

Naphthalene

Concen: 4.422 ug/l

RT: 13.773 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX038123.D

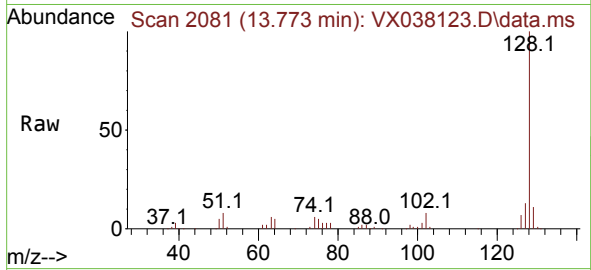
Acq: 06 Oct 2023 12:14

Instrument :

MSVOA_X

ClientSampleId :

MW-5B



Tgt Ion:128 Resp: 33583

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.2 8.8 13.2

