

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013404.D
 Acq On : 24 Apr 2023 16:40
 Operator : KP/MD
 Sample : 02406-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5RE

Quant Time: Apr 25 03:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1715	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.691	114	3000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1879	99.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.900%#	
35) Dibromofluoromethane	7.722	113	1062	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.179	98	3627	54.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.483	95	889	39.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.580%	

Target Compounds				Qvalue		
3) Chloromethane	2.125	50	617	28.232	ug/l	92
4) Vinyl Chloride	2.132	62	57	2.619	ug/l	# 43
5) Bromomethane	2.668	94	321	18.511	ug/l	# 80
6) Chloroethane	2.784	64	119	7.916	ug/l	# 44
10) Methyl Iodide	4.095	142	881	37.935	ug/l	# 68
11) Tert butyl alcohol	5.070	59	20	10.070	ug/l	# 89
12) 1,1-Dichloroethene	3.918	96	50	2.805	ug/l	# 1
13) Acrolein	3.741	56	44	18.590	ug/l	# 16
14) Allyl chloride	4.460	41	52	1.572	ug/l	# 22
15) Acrylonitrile	5.192	53	26	4.136	ug/l	# 52
16) Acetone	3.948	43	341	46.058	ug/l	# 43
18) Methyl Acetate	4.503	43	45	1.840	ug/l	# 51
20) Methylene Chloride	4.698	84	488	15.450	ug/l	# 39
23) Vinyl Acetate	6.076	43	40	1.093	ug/l	# 72
25) 2-Butanone	6.942	43	124	13.206	ug/l	# 47
26) 2,2-Dichloropropane	6.978	77	59	1.901	ug/l	# 52
27) cis-1,2-Dichloroethene	6.996	96	23	1.068	ug/l	# 1
28) Bromochloromethane	7.576	49	45	3.520	ug/l	# 7
29) Tetrahydrofuran	7.307	42	18	3.080	ug/l	# 32
30) Chloroform	7.399	83	48	1.340	ug/l	# 18
36) 1,1-Dichloropropene	7.777	75	129	4.119	ug/l	# 40
37) Ethyl Acetate	7.070	43	66	2.801	ug/l	# 69
40) Benzene	8.149	78	92	1.043	ug/l	# 51
41) Methacrylonitrile	7.320	41	53	4.826	ug/l	# 4
48) Methyl methacrylate	9.392	41	30	1.642	ug/l	# 12
49) 1,4-Dioxane	9.411	88	23	116.695	ug/l	# 25
51) 4-Methyl-2-Pentanone	10.075	43	57	2.572	ug/l	95
57) 1,3-Dichloropropane	10.788	76	55	1.777	ug/l	# 42
59) 2-Hexanone	10.819	43	45	2.793	ug/l	# 26
60) Dibromochloromethane	10.721	129	73	3.290	ug/l	# 11
64) Tetrachloroethene	10.709	164	55	2.549	ug/l	# 22
67) Ethyl Benzene	11.593	91	173	1.594	ug/l	# 43
68) m/p-Xylenes	11.703	106	45	1.090	ug/l	# 1
73) Isopropylbenzene	12.337	105	206	3.396	ug/l	# 48
76) 1,2,3-Trichloropropane	12.636	75	33	3.051	ug/l	# 100
77) Bromobenzene	12.611	156	42	2.857	ug/l	# 14

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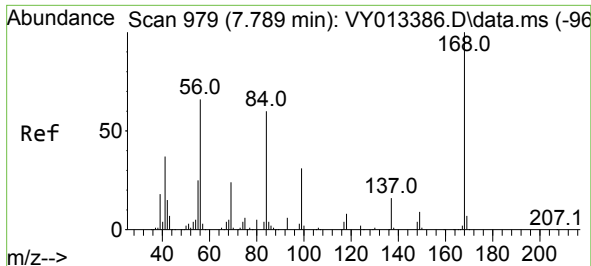
Instrument :
 MSVOA_Y
 ClientSampleId :
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Quant Time: Apr 25 03:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.672	91	138	1.847	ug/l #	51
79) 2-Chlorotoluene	12.776	91	124	2.972	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.813	105	154	3.110	ug/l	67
81) trans-1,4-Dichloro-2-b...	12.477	75	551	104.207	ug/l #	12
82) 4-Chlorotoluene	12.843	91	168	3.863	ug/l #	39
83) tert-Butylbenzene	13.075	119	94	2.191	ug/l #	46
85) sec-Butylbenzene	13.258	105	198	3.076	ug/l #	56
86) p-Isopropyltoluene	13.367	119	184	3.554	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	138	4.928	ug/l	89
88) 1,4-Dichlorobenzene	13.367	146	138	4.879	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	86	5.704	ug/l #	64
94) Hexachlorobutadiene	15.111	225	26	2.963	ug/l #	13
95) Naphthalene	15.239	128	259	7.918	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.434	180	77	5.730	ug/l #	59

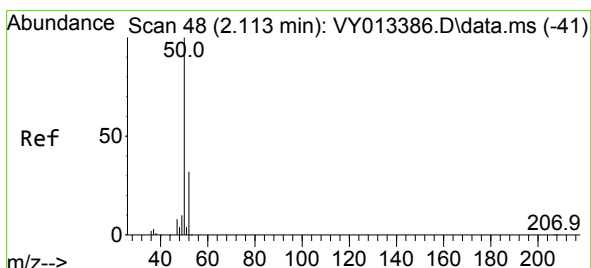
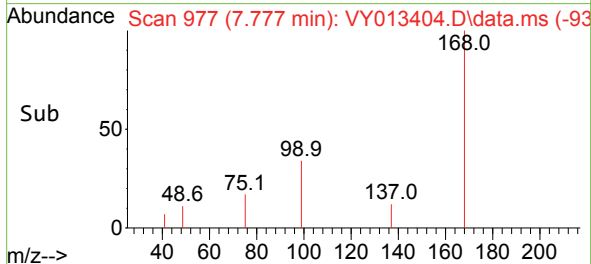
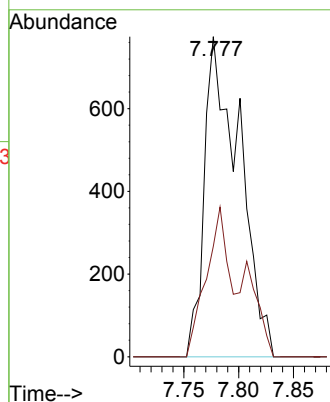
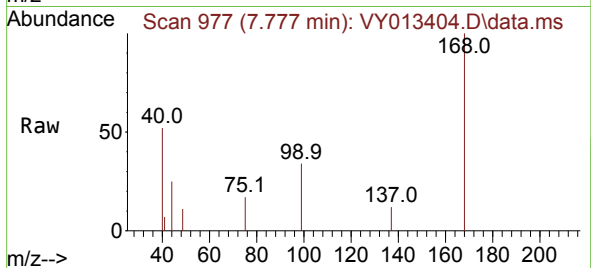
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

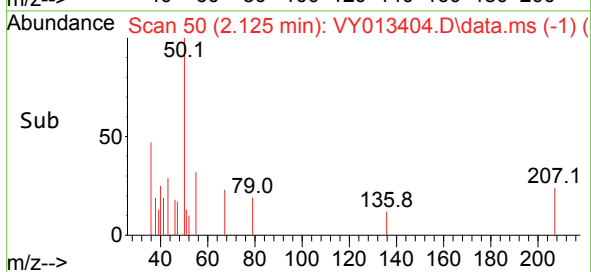
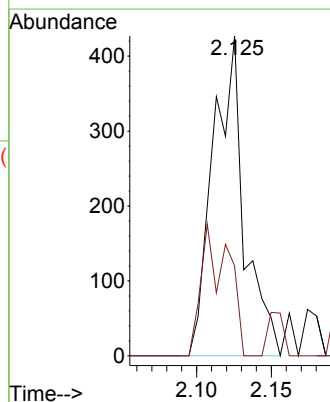
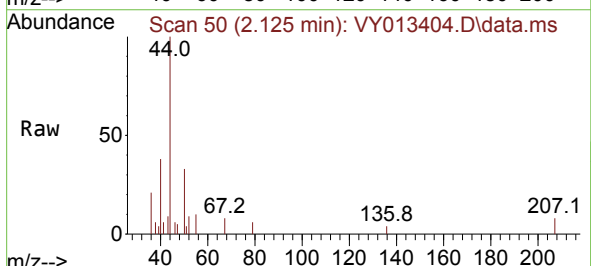
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

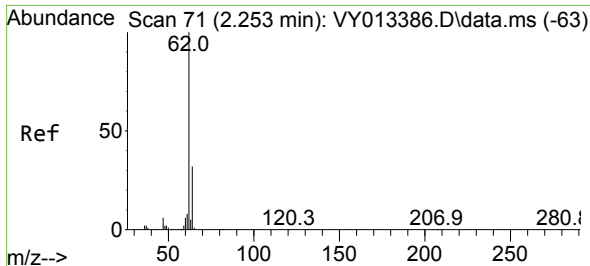
Tgt Ion:168 Resp: 1715
Ion Ratio Lower Upper
168 100
99 34.5 41.8 62.6#



#3
Chloromethane
Concen: 28.232 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 50 Resp: 617
Ion Ratio Lower Upper
50 100
52 28.1 25.9 38.9

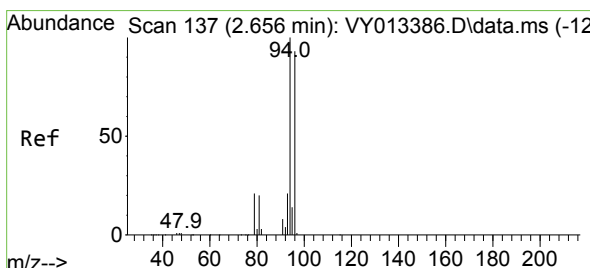
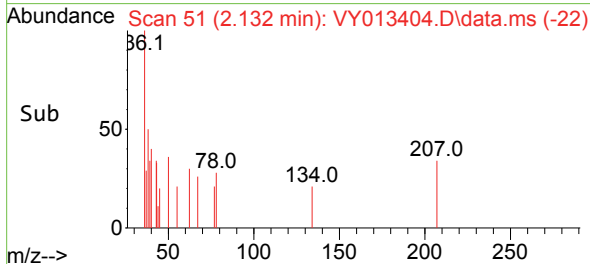
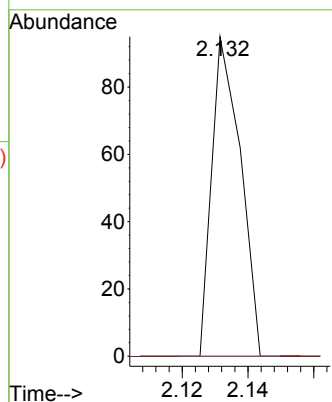
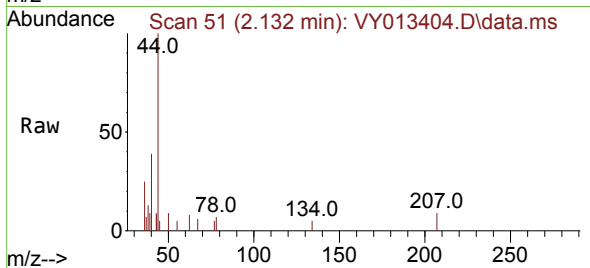




#4
 Vinyl Chloride
 Concen: 2.619 ug/l
 RT: 2.132 min Scan# 51
 Delta R.T. -0.122 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

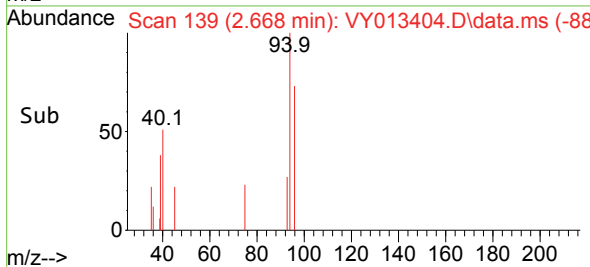
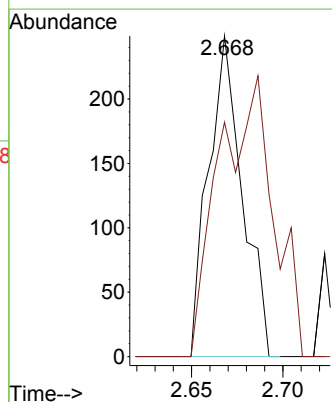
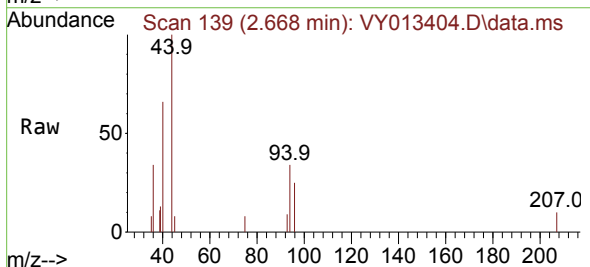
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5RE

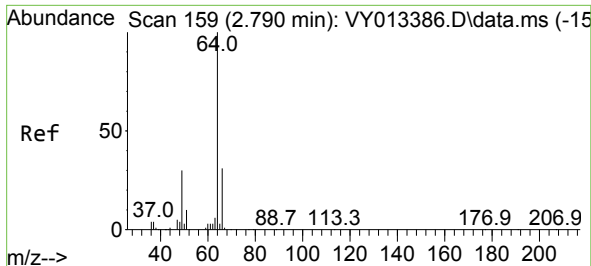
Tgt Ion: 62 Resp: 57
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 18.511 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

Tgt Ion: 94 Resp: 321
 Ion Ratio Lower Upper
 94 100
 96 73.1 74.2 111.2#

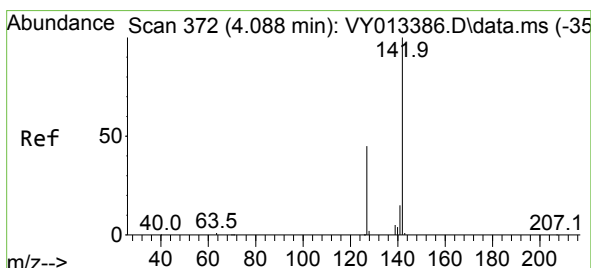
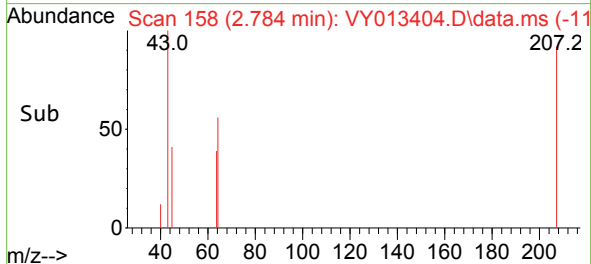
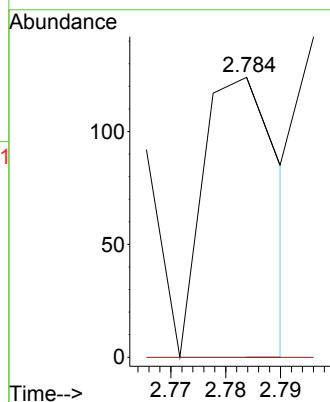
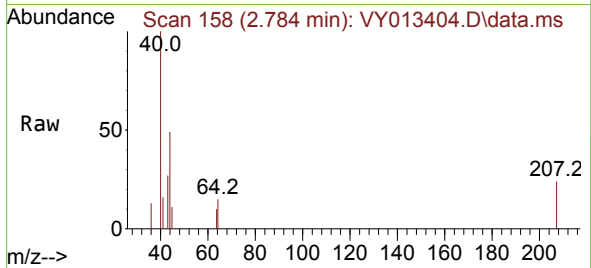




#6
Chloroethane
Concen: 7.916 ug/l
RT: 2.784 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

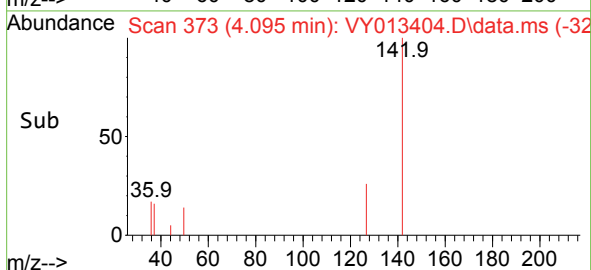
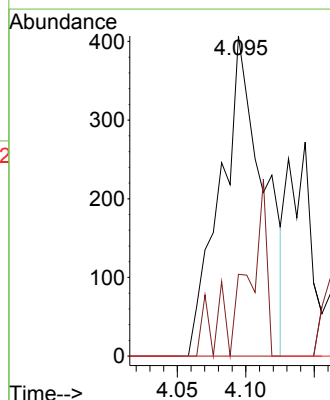
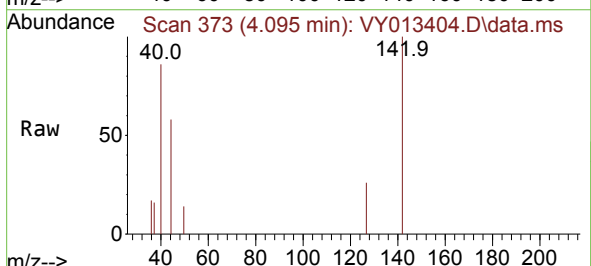
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

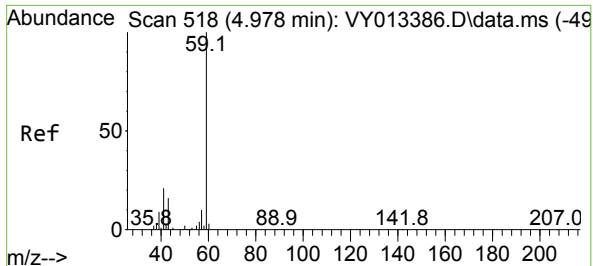
Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#



#10
Methyl Iodide
Concen: 37.935 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 142 Resp: 881
Ion Ratio Lower Upper
142 100
127 25.2 36.1 54.1#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 10.070 ug/l

RT: 5.070 min Scan# 51

Delta R.T. 0.092 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

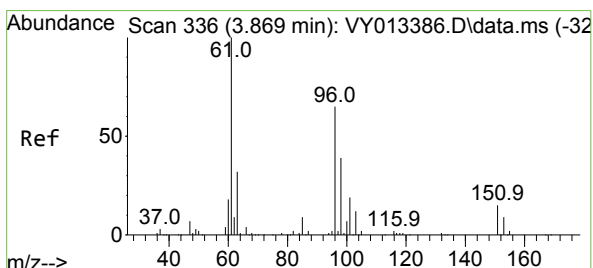
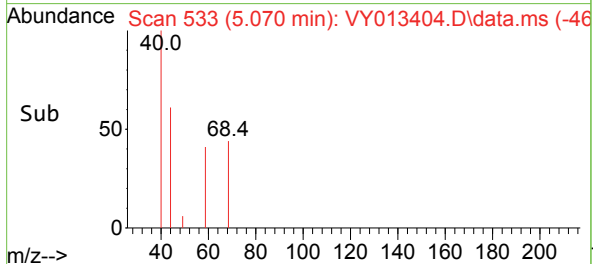
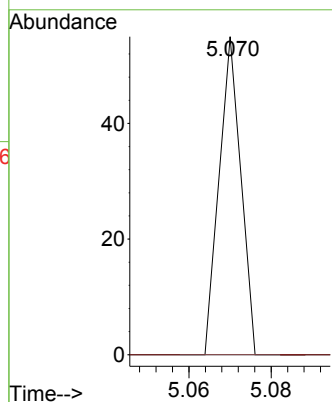
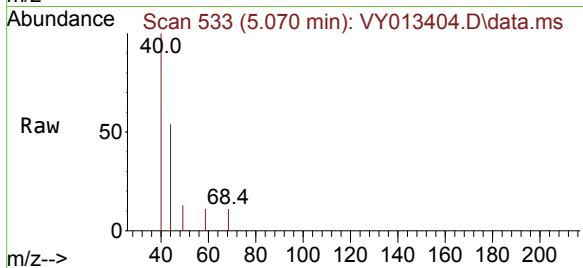
SB-12-6.0-6.5RE

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 2.805 ug/l

RT: 3.918 min Scan# 344

Delta R.T. 0.049 min

Lab File: VY013404.D

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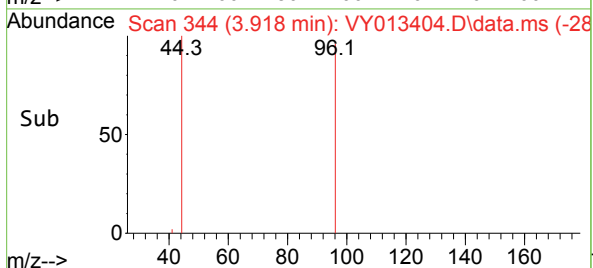
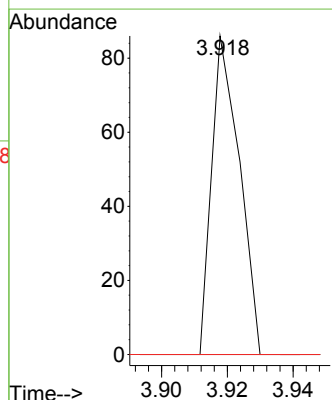
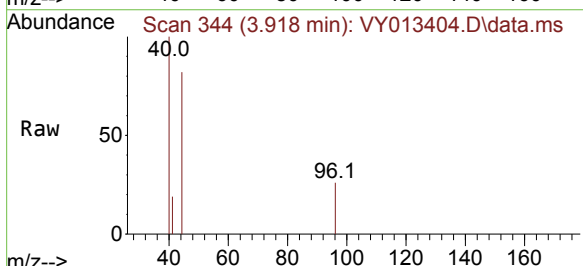
Tgt Ion: 96 Resp: 50

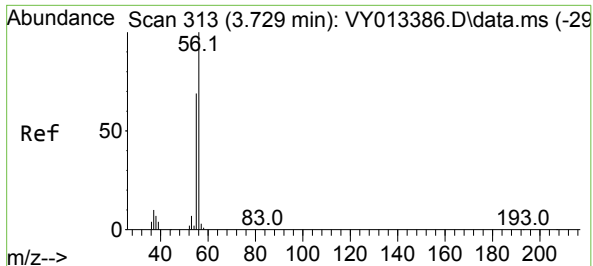
Ion Ratio Lower Upper

96 100

61 0.0 123.9 185.9#

98 0.0 48.9 73.3#

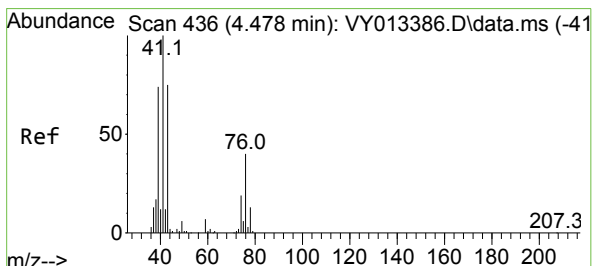
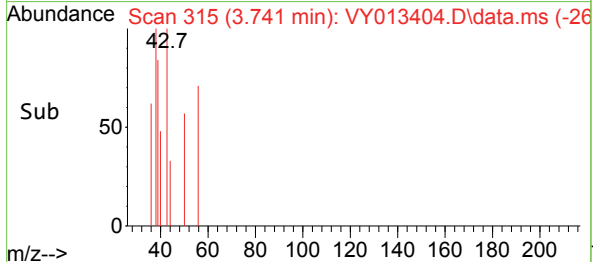
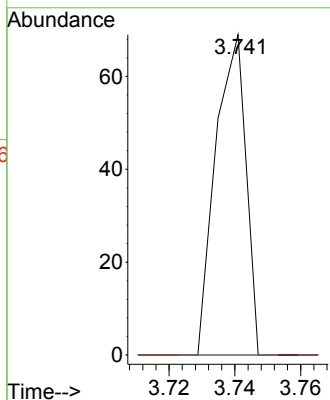
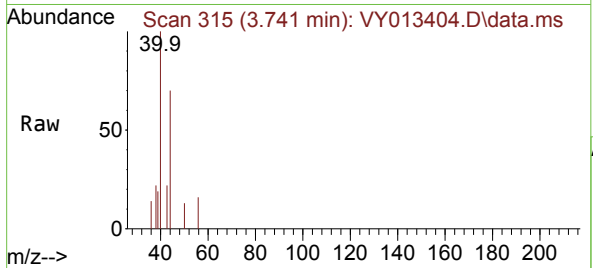




#13
Acrolein
Concen: 18.590 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

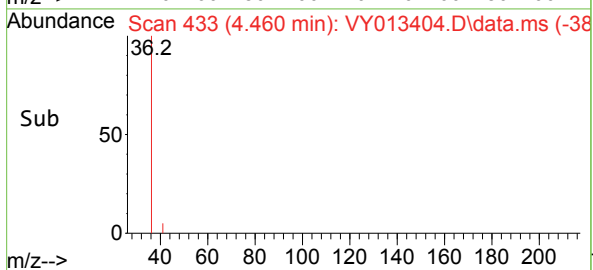
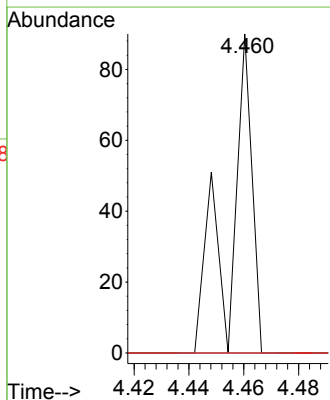
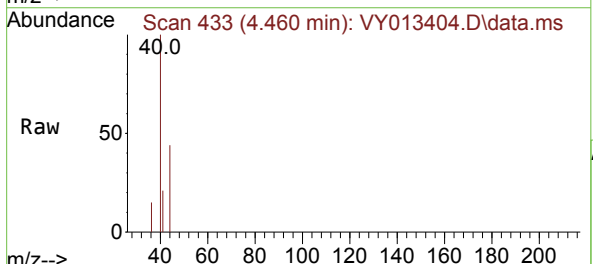
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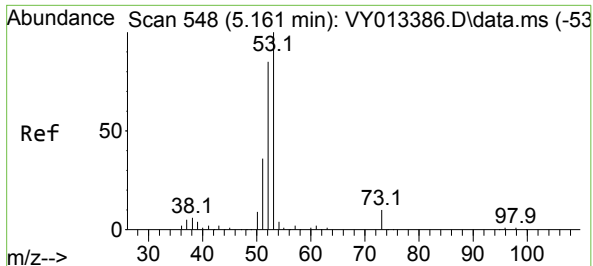
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#14
Allyl chloride
Concen: 1.572 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 41 Resp: 52
Ion Ratio Lower Upper
41 100
39 0.0 56.6 85.0#
76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 4.136 ug/l

RT: 5.192 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY013404.D

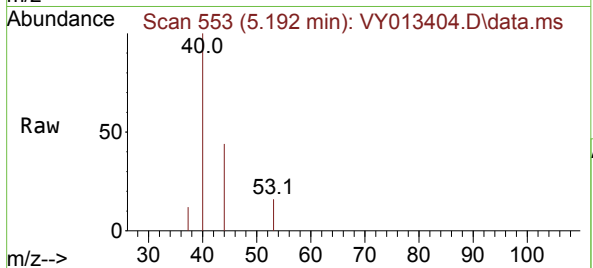
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Instrument :

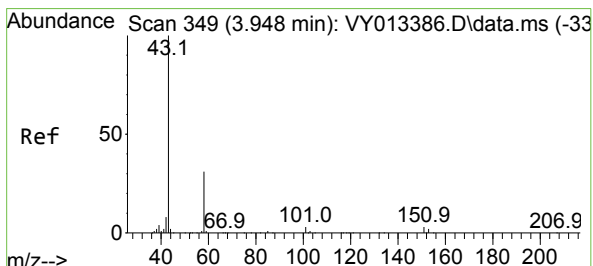
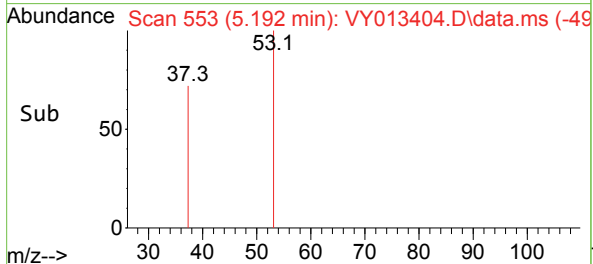
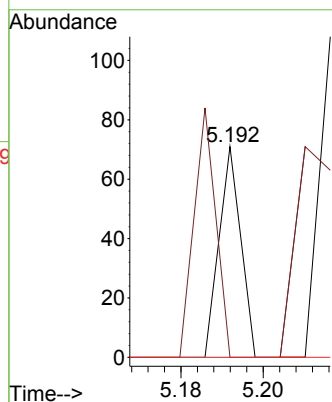
MSVOA_Y

ClientSampleId :

SB-12-6.0-6.5RE



Tgt Ion: 53	Resp:	26
Ion	Ratio	Lower Upper
53	100	
52	119.2	65.4 98.0#
51	0.0	29.3 43.9#



#16

Acetone

Concen: 46.058 ug/l

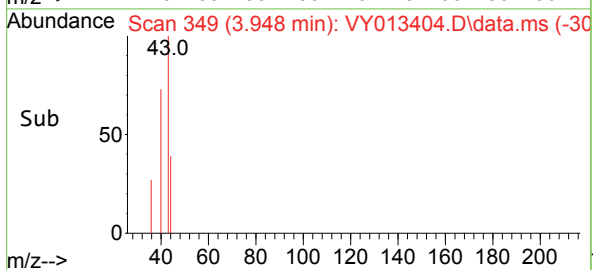
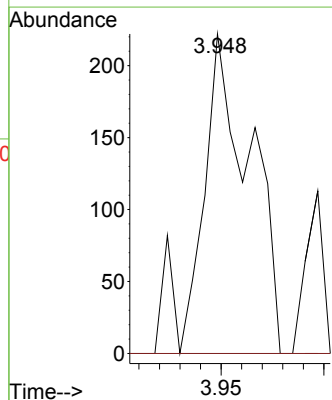
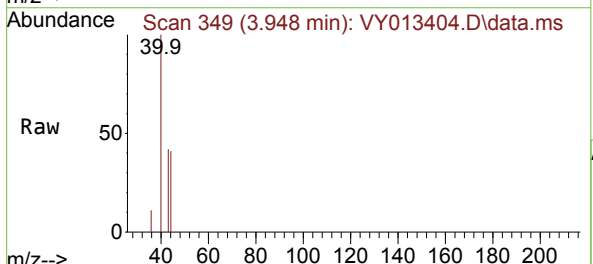
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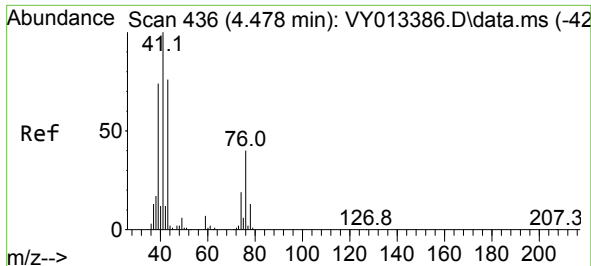
Delta R.T. 0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Tgt Ion: 43	Resp:	341
Ion	Ratio	Lower Upper
43	100	
58	0.0	25.4 38.0#

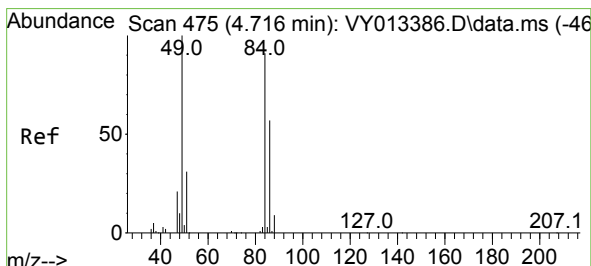
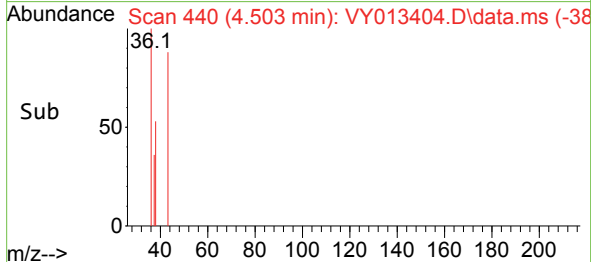
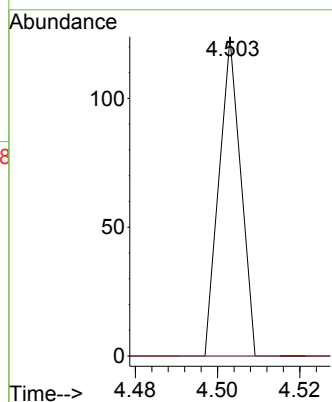
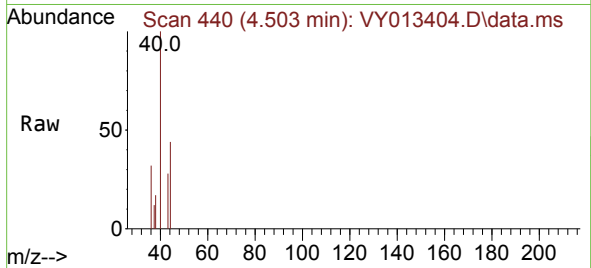




#18
Methyl Acetate
Concen: 1.840 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.025 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

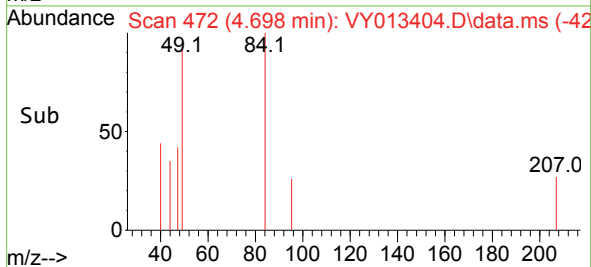
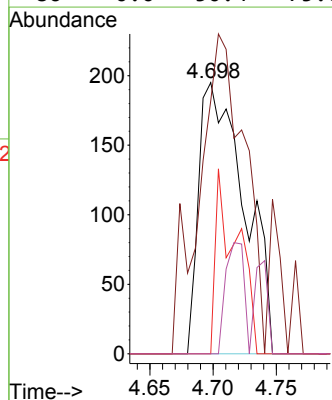
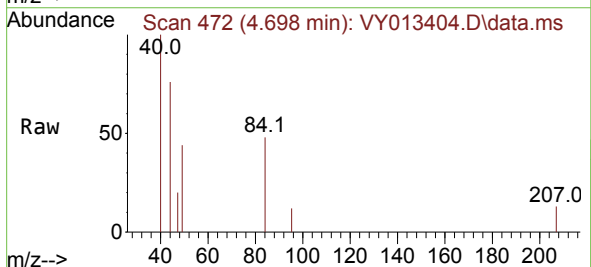
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

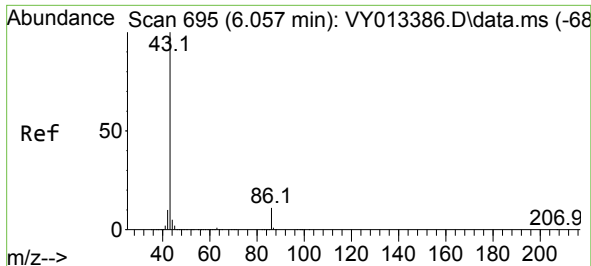
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 15.450 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 84 Resp: 488
Ion Ratio Lower Upper
84 100
49 57.9 88.0 132.0#
51 0.0 27.4 41.0#
86 0.0 50.4 75.6#





#23

Vinyl Acetate

Concen: 1.093 ug/l

RT: 6.076 min Scan# 61

Delta R.T. 0.019 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

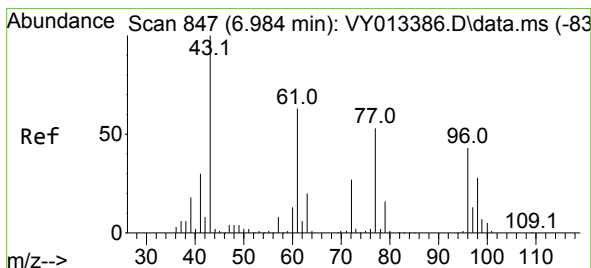
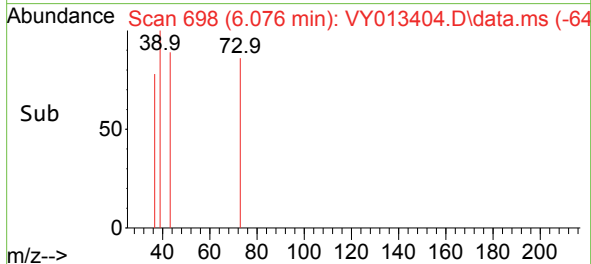
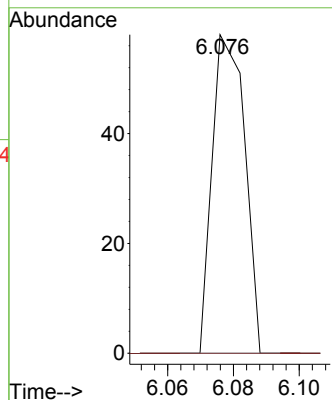
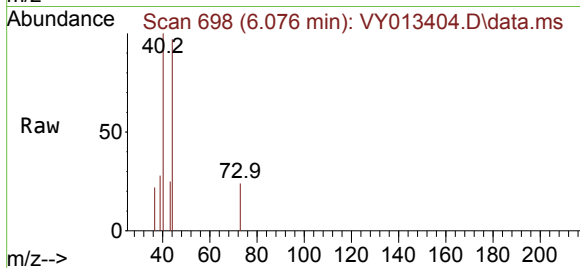
SB-12-6.0-6.5RE

Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 13.206 ug/l

RT: 6.942 min Scan# 840

Delta R.T. -0.042 min

Lab File: VY013404.D

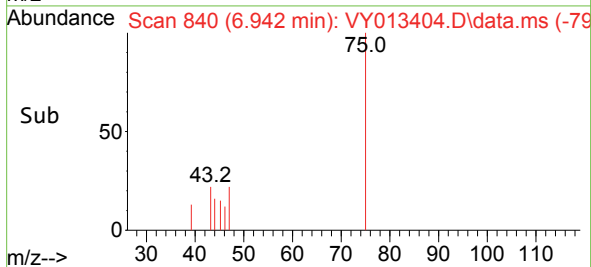
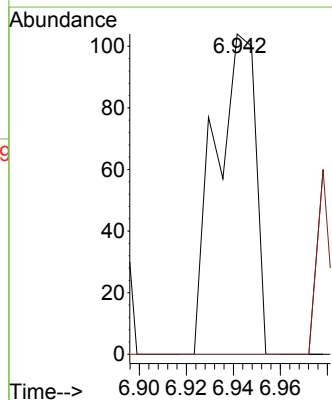
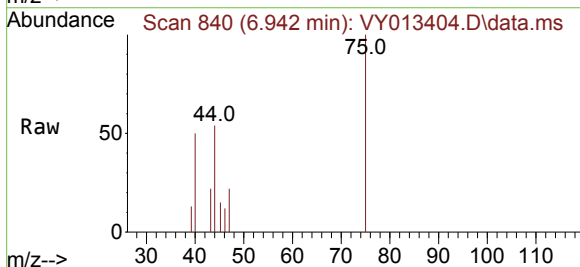
Acq: 24 Apr 2023 16:40

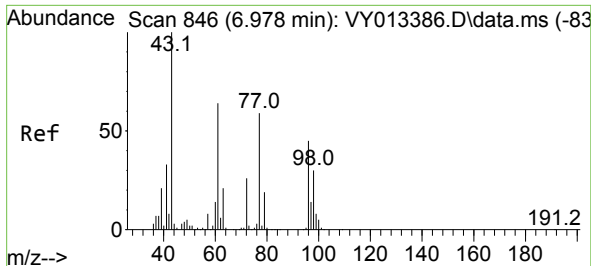
Tgt Ion: 43 Resp: 124

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#





#26

2,2-Dichloropropane

Concen: 1.901 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

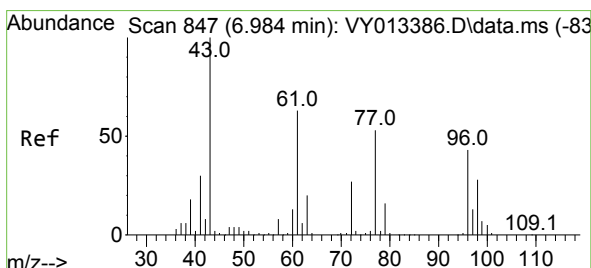
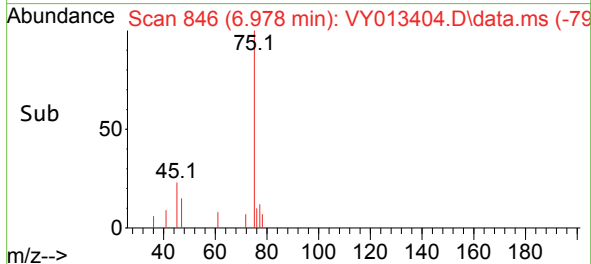
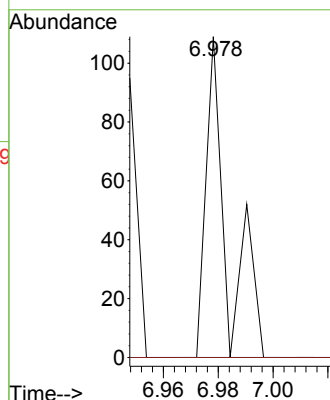
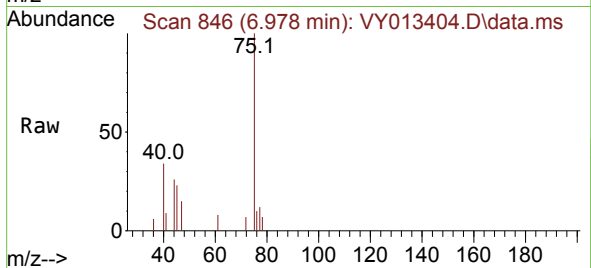
SB-12-6.0-6.5RE

Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#27

cis-1,2-Dichloroethene

Concen: 1.068 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

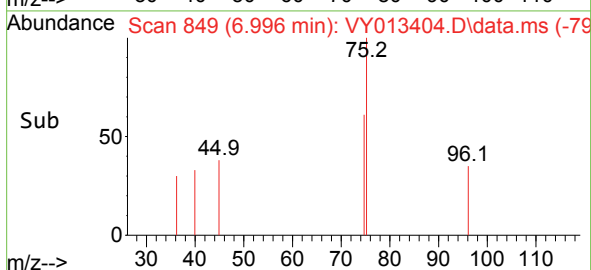
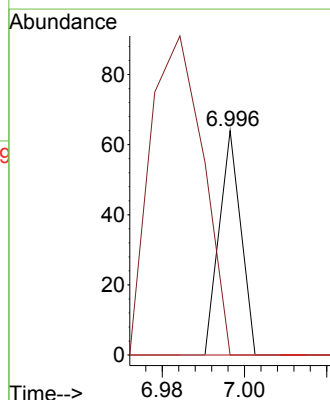
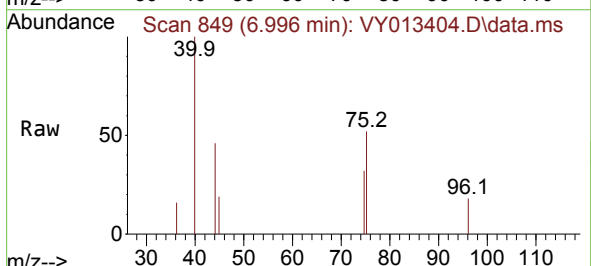
Tgt Ion: 96 Resp: 23

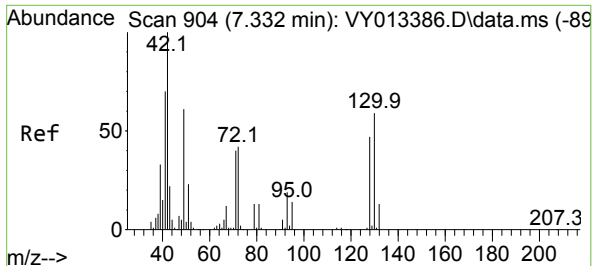
Ion Ratio Lower Upper

96 100

61 352.2 0.0 285.0#

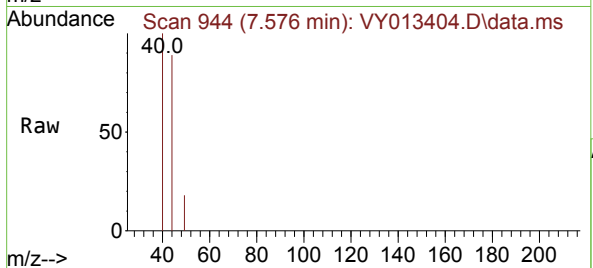
98 0.0 0.0 130.6



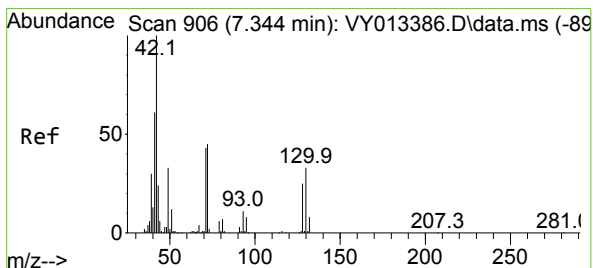
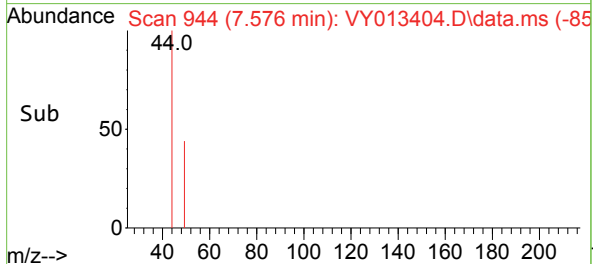
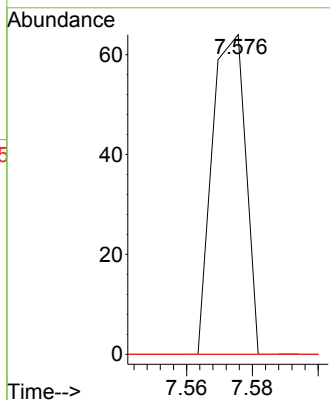


#28
Bromochloromethane
Concen: 3.520 ug/l
RT: 7.576 min Scan# 944
Delta R.T. 0.244 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

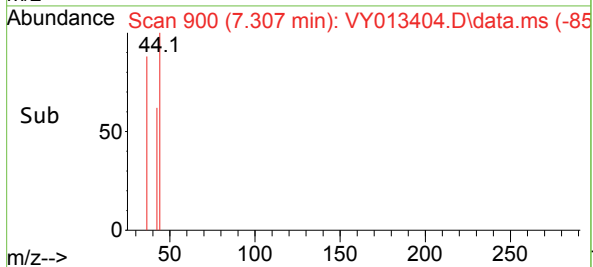
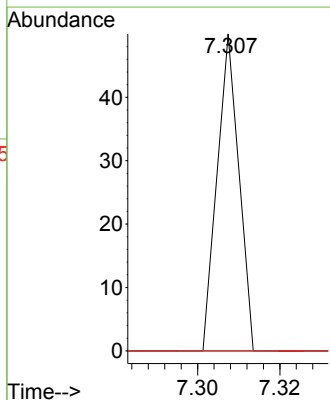
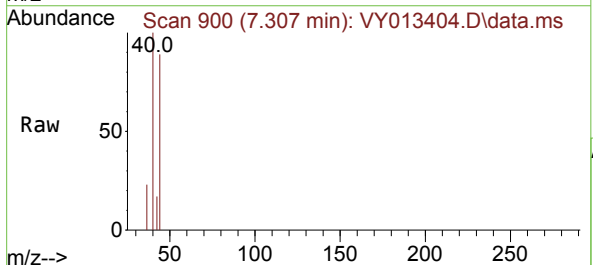


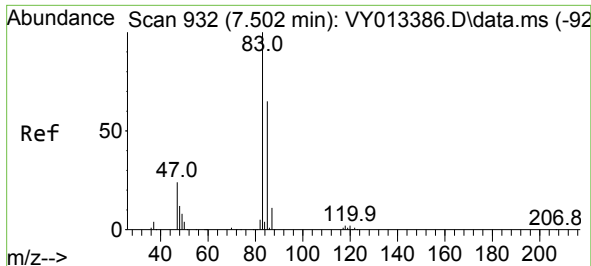
Tgt Ion: 49 Resp: 45
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 72.1 108.1#



#29
Tetrahydrofuran
Concen: 3.080 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.037 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 34.3 51.5#

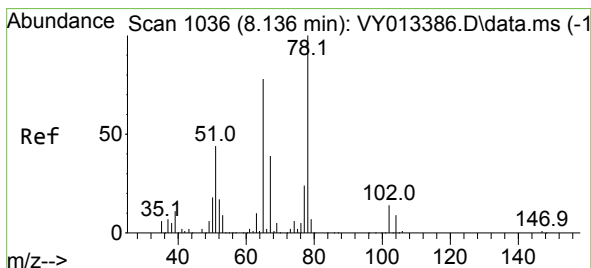
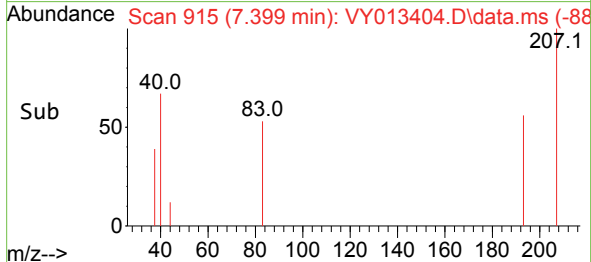
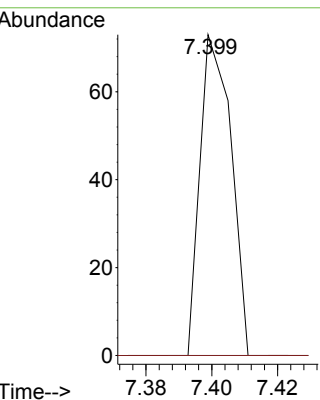
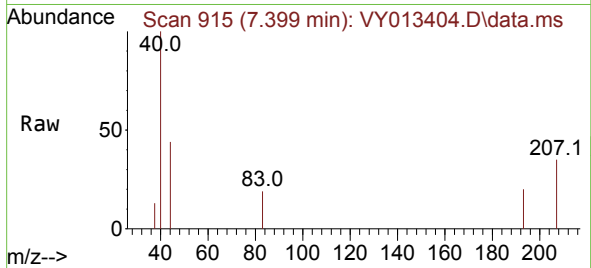




#30
Chloroform
Concen: 1.340 ug/l
RT: 7.399 min Scan# 915
Delta R.T. -0.103 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

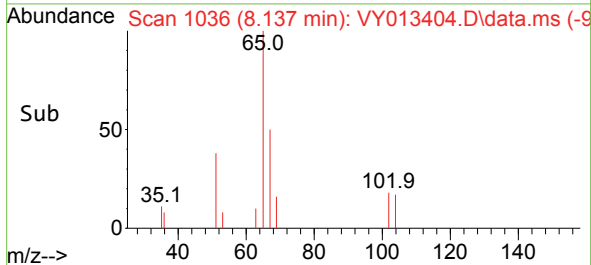
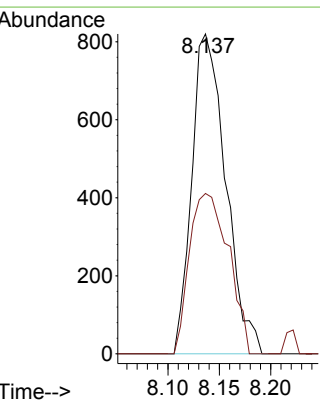
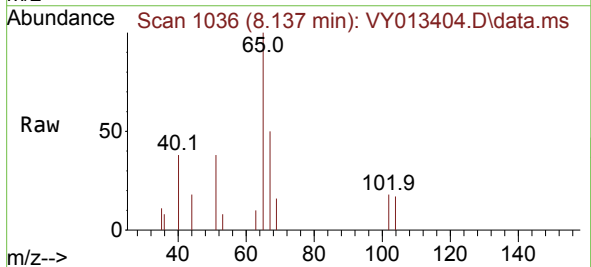
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

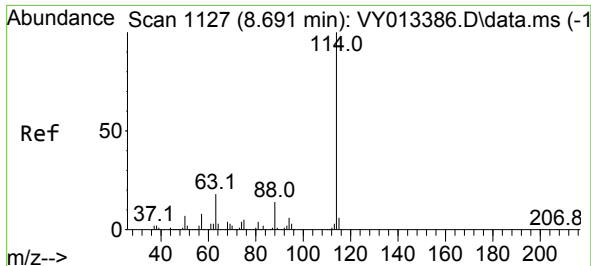
Tgt Ion: 83 Resp: 48
Ion Ratio Lower Upper
83 100
85 0.0 52.0 78.0#



#33
1,2-Dichloroethane-d4
Concen: 99.946 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 65 Resp: 1879
Ion Ratio Lower Upper
65 100
67 57.8 0.0 103.4

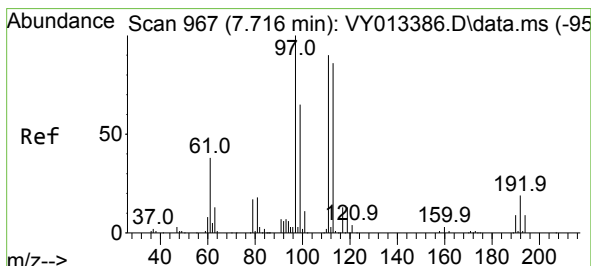
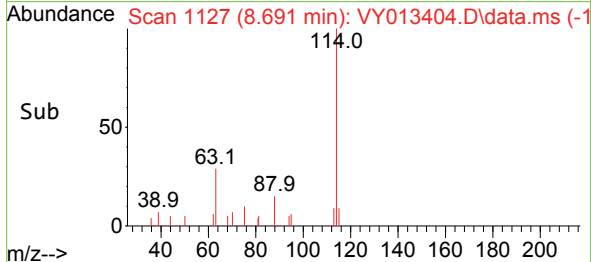
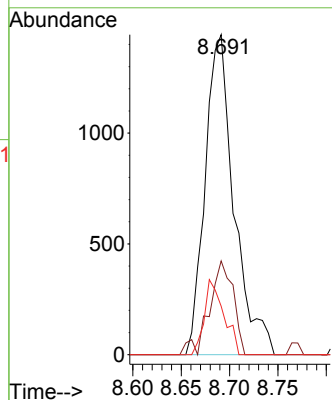
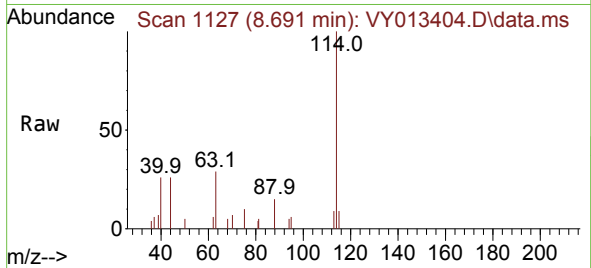




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

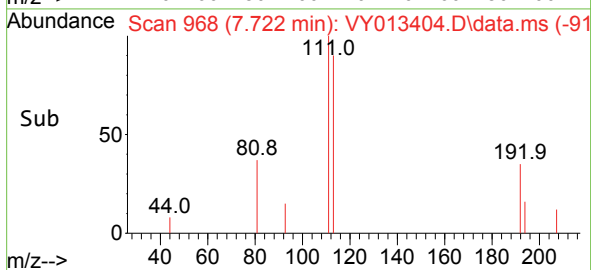
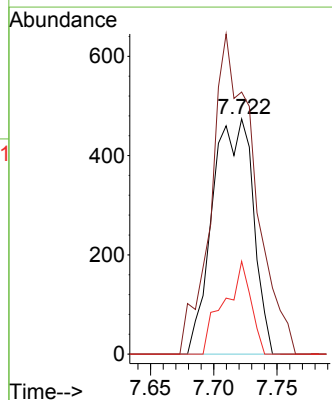
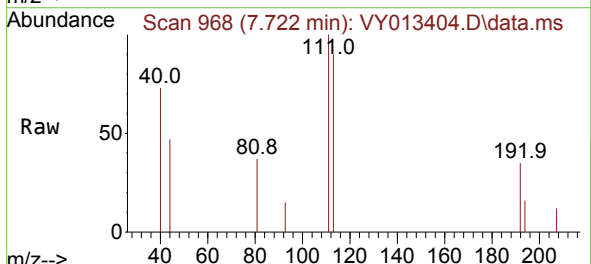
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

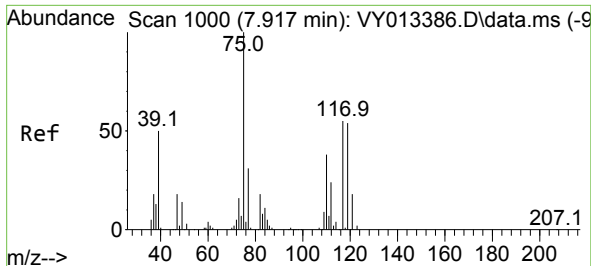
Tgt Ion:	114	Resp:	3000
Ion Ratio	Lower	Upper	
114	100		
63	29.3	0.0	36.6
88	15.2	0.0	28.8



#35
Dibromofluoromethane
Concen: 56.284 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion:	113	Resp:	1062
Ion Ratio	Lower	Upper	
113	100		
111	142.4	82.2	123.2#
192	26.1	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-6.0-6.5RE

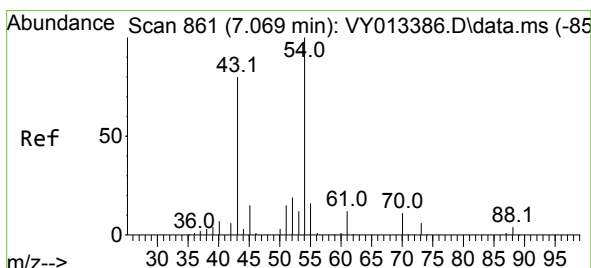
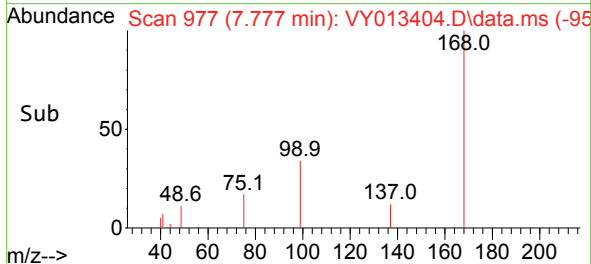
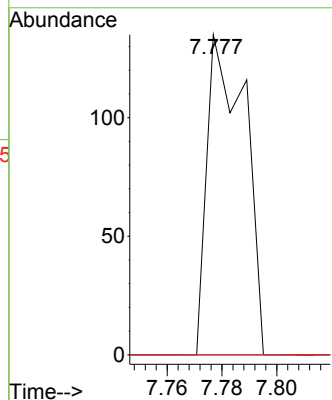
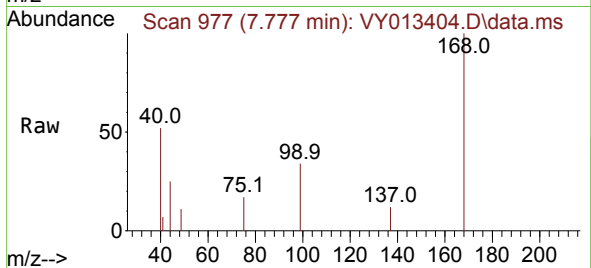
Tgt Ion: 75 Resp: 129

Ion Ratio Lower Upper

75 100

110 0.0 18.7 56.1#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 2.801 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

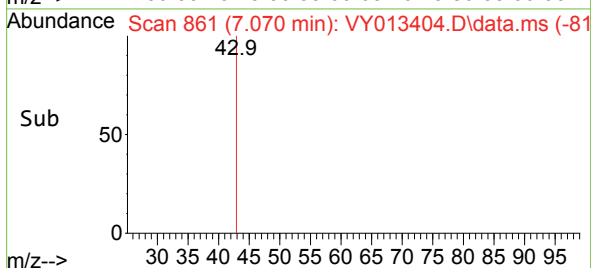
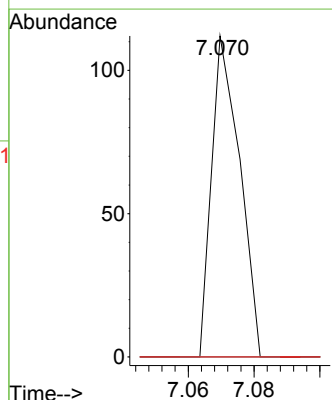
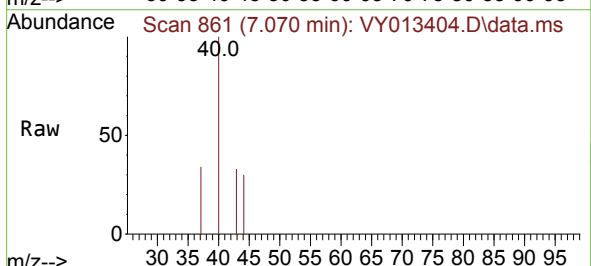
Tgt Ion: 43 Resp: 66

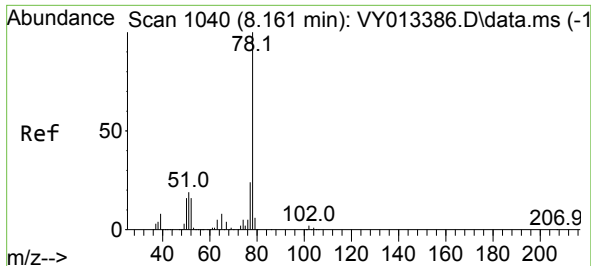
Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 7.9 11.9#

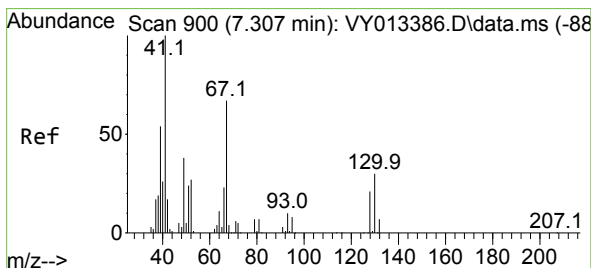
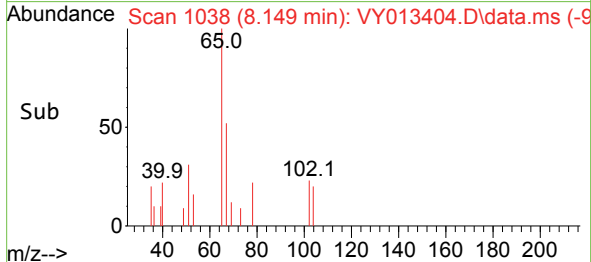
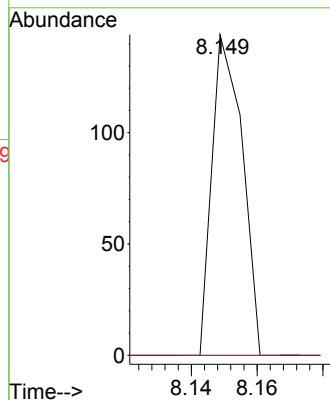
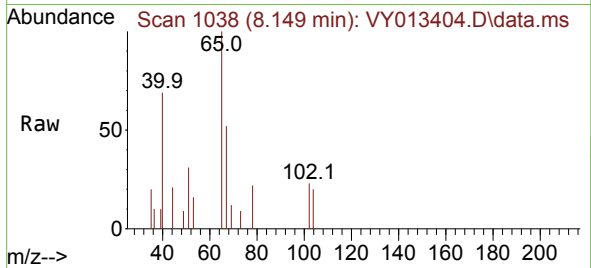




#40
Benzene
Concen: 1.043 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

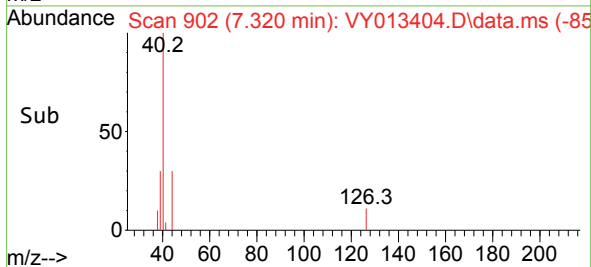
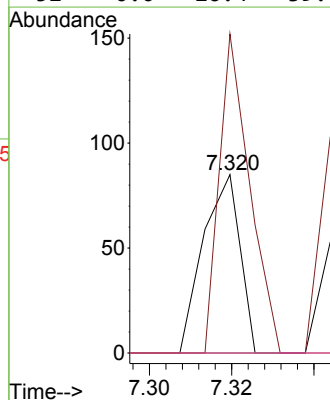
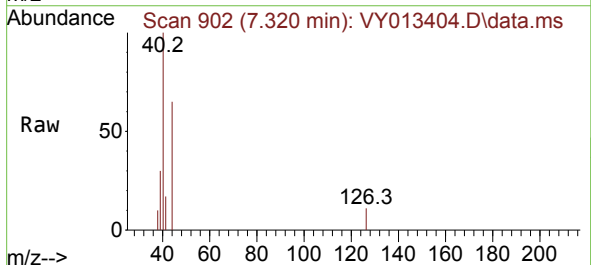
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

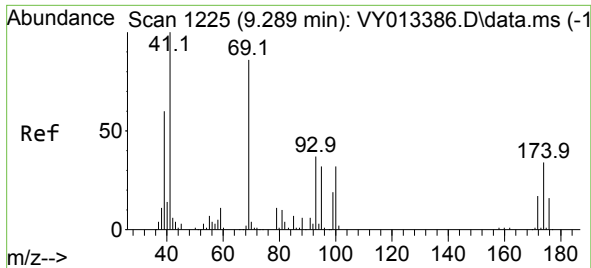
Tgt Ion: 78 Resp: 92
Ion Ratio Lower Upper
78 100
77 0.0 19.2 28.8#



#41
Methacrylonitrile
Concen: 4.826 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.013 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
39 147.2 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#

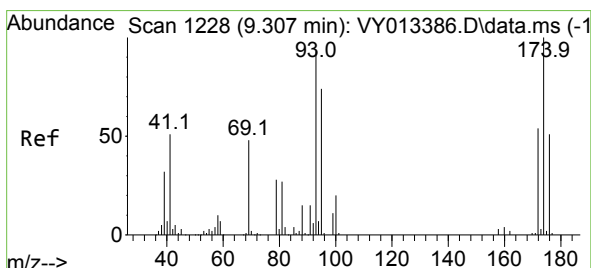
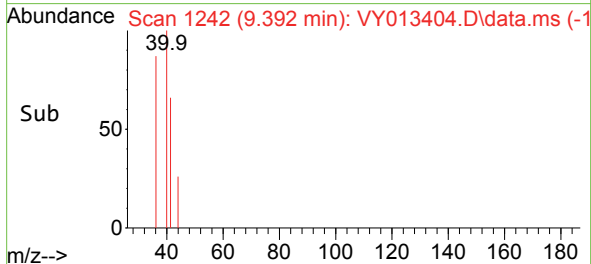
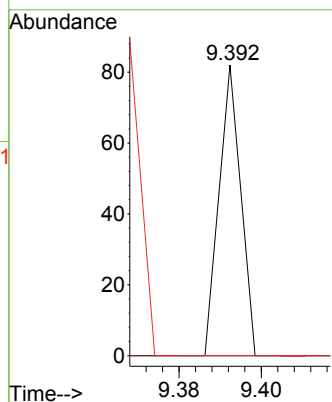
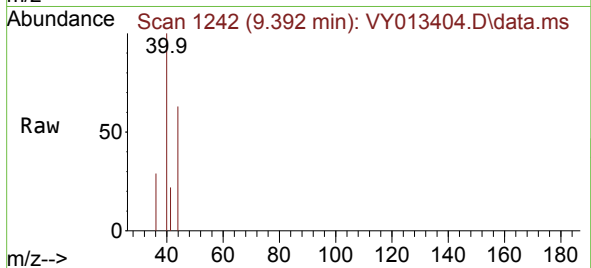




#48
Methyl methacrylate
Concen: 1.642 ug/l
RT: 9.392 min Scan# 1242
Delta R.T. 0.103 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

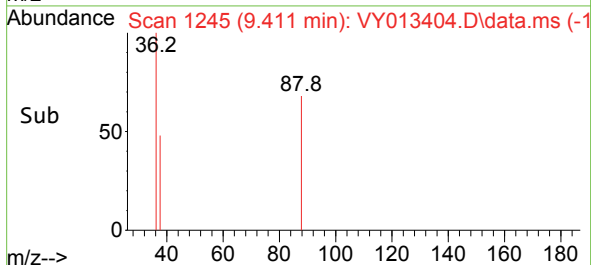
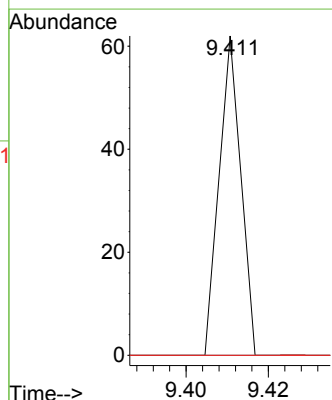
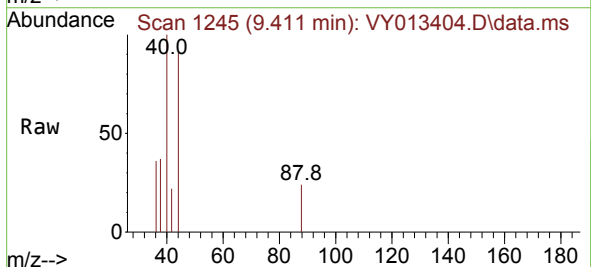
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

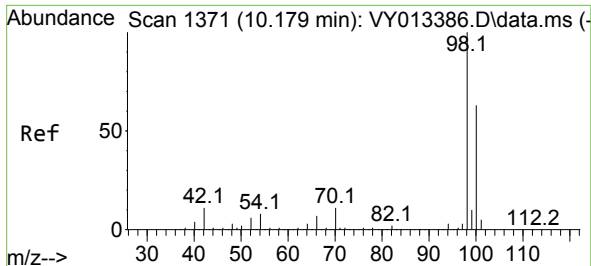
Tgt Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 0.0 47.9 71.9#



#49
1,4-Dioxane
Concen: 116.695 ug/l
RT: 9.411 min Scan# 1245
Delta R.T. 0.104 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 0.0 54.3 81.5#

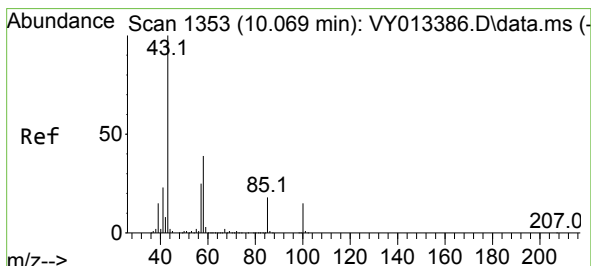
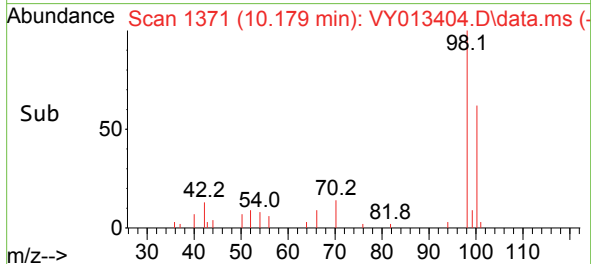
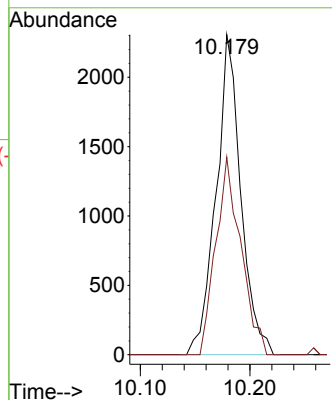
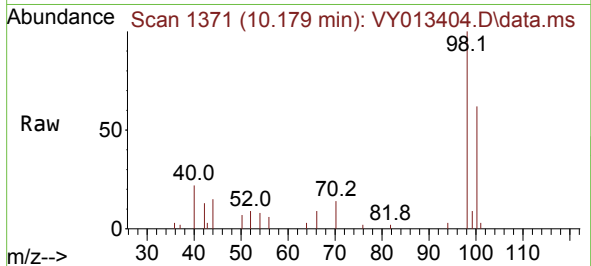




#50
Toluene-d8
Concen: 54.035 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

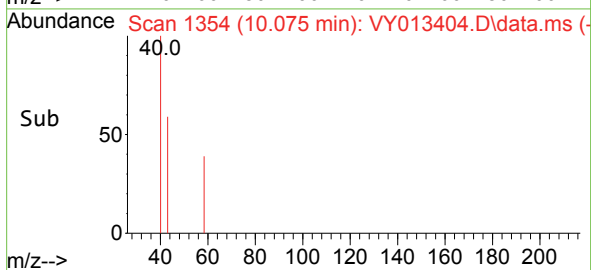
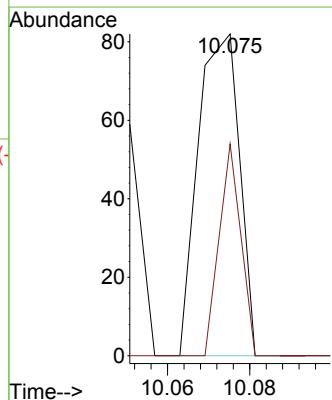
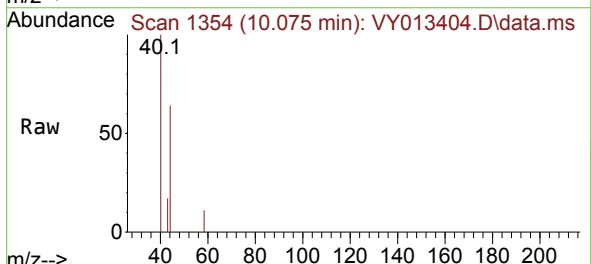
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

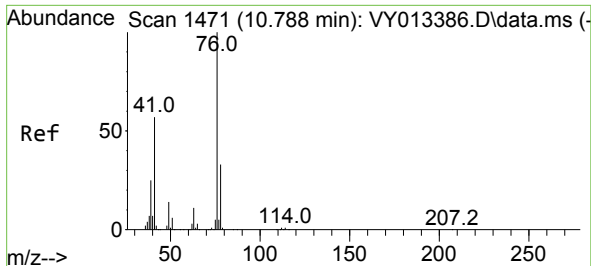
Tgt Ion: 98 Resp: 3627
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 2.572 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 35.1 30.6 46.0





#57

1,3-Dichloropropane

Concen: 1.777 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

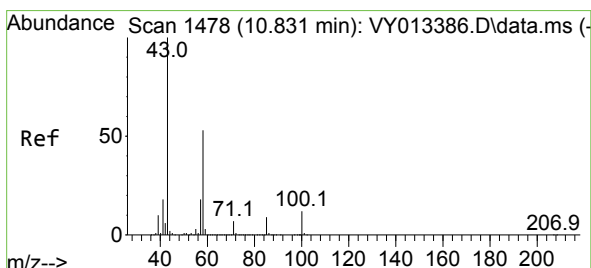
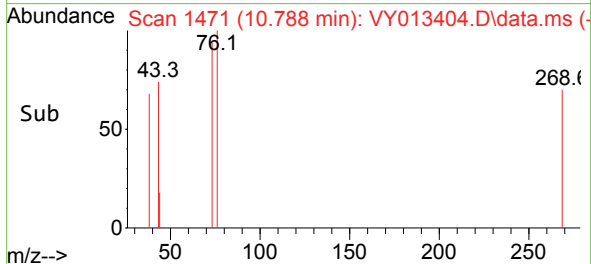
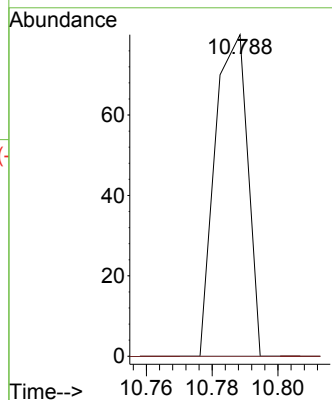
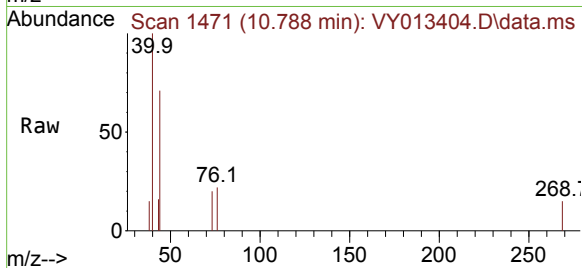
SB-12-6.0-6.5RE

Tgt Ion: 76 Resp: 55

Ion Ratio Lower Upper

76 100

78 0.0 26.5 39.7#



#59

2-Hexanone

Concen: 2.793 ug/l

RT: 10.819 min Scan# 1476

Delta R.T. -0.012 min

Lab File: VY013404.D

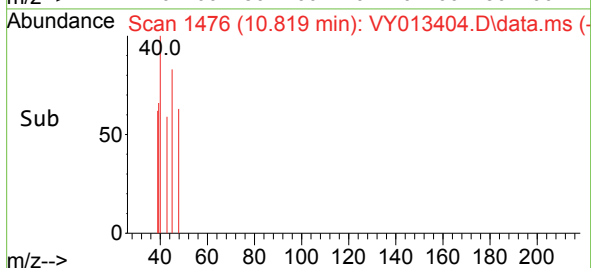
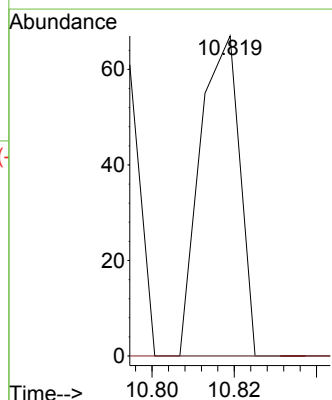
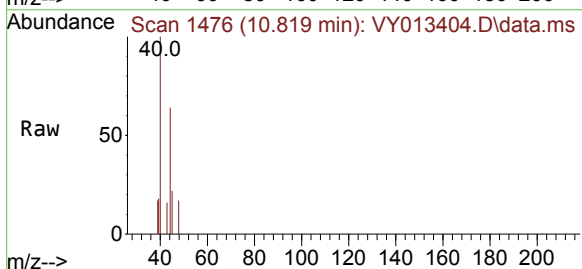
Acq: 24 Apr 2023 16:40

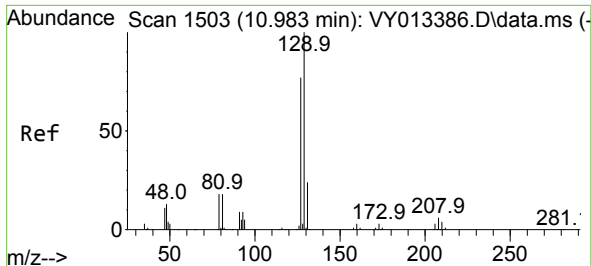
Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

58 0.0 26.3 78.8#

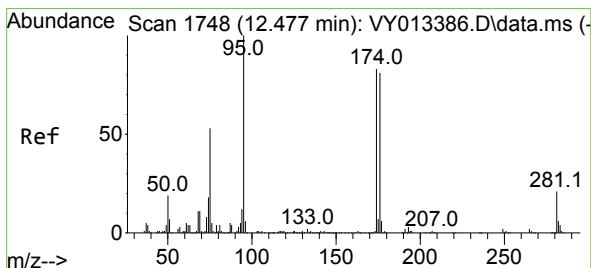
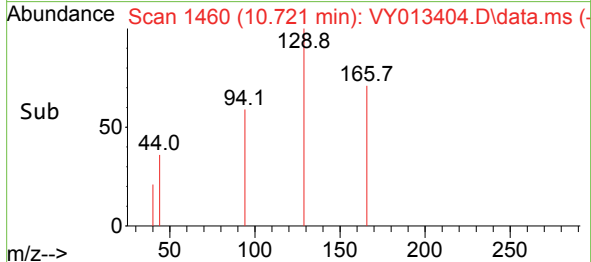
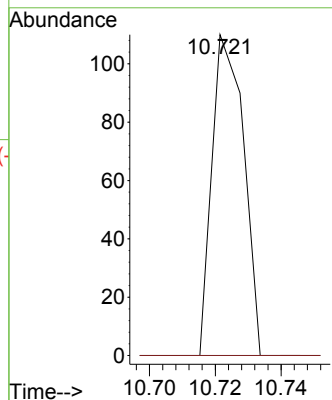
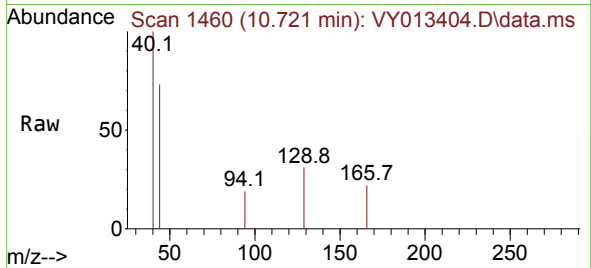




#60
Dibromochloromethane
Concen: 3.290 ug/l
RT: 10.721 min Scan# 14
Delta R.T. -0.262 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

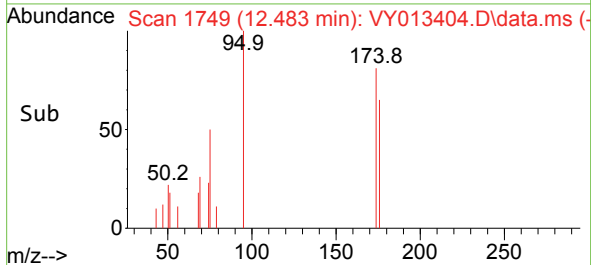
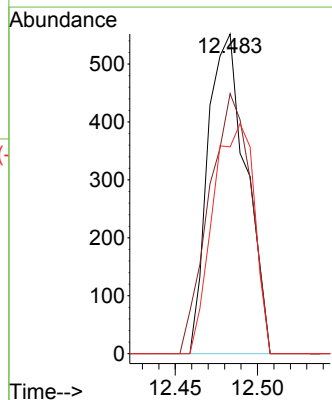
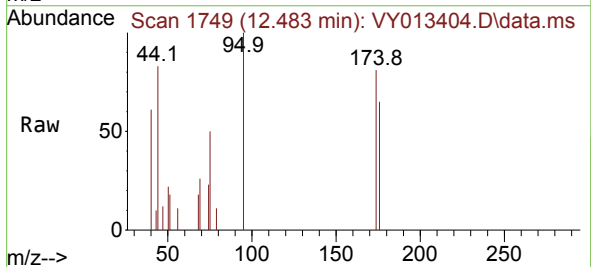
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

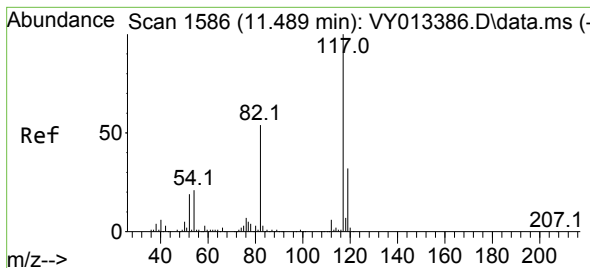
Tgt Ion:129 Resp: 73
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 39.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 95 Resp: 889
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.0
176 78.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013404.D

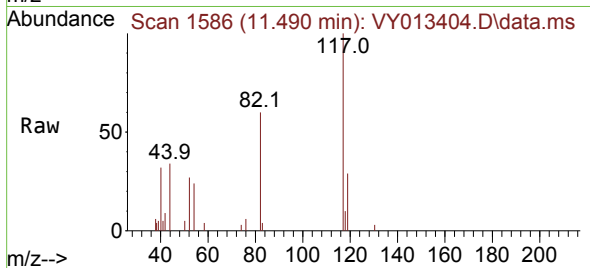
Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-6.0-6.5RE



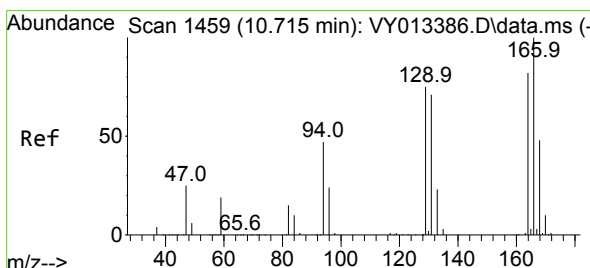
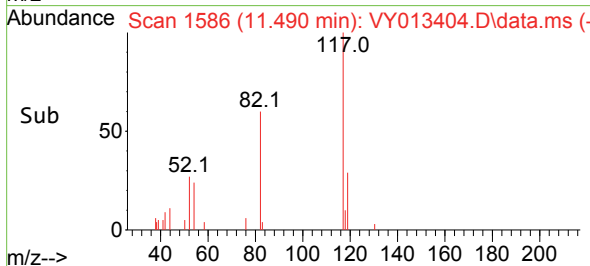
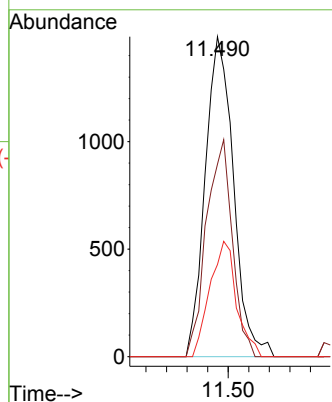
Tgt Ion:117 Resp: 2838

Ion Ratio Lower Upper

117 100

82 60.1 43.0 64.6

119 28.8 25.5 38.3



#64

Tetrachloroethene

Concen: 2.549 ug/l

RT: 10.709 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Tgt Ion:164 Resp: 55

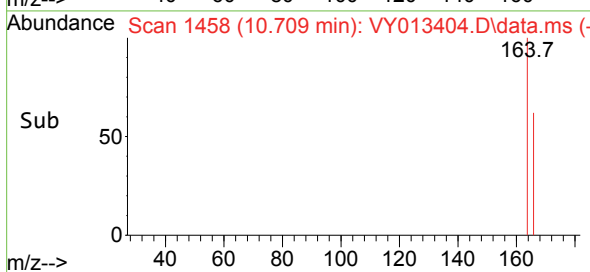
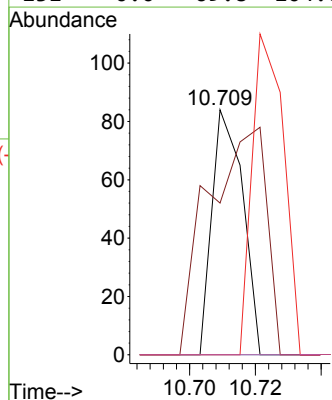
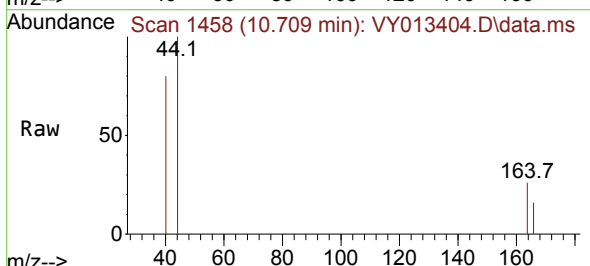
Ion Ratio Lower Upper

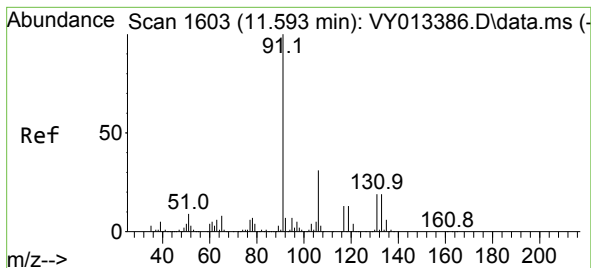
164 100

166 61.9 97.5 146.3#

129 0.0 72.6 109.0#

131 0.0 69.8 104.6#





#67

Ethyl Benzene

Concen: 1.594 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

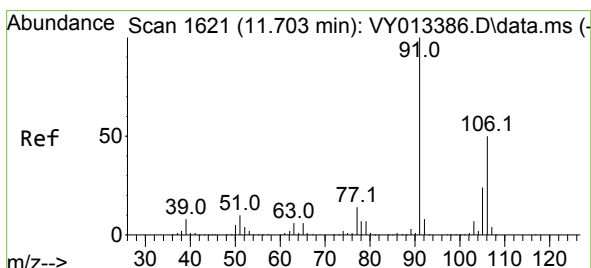
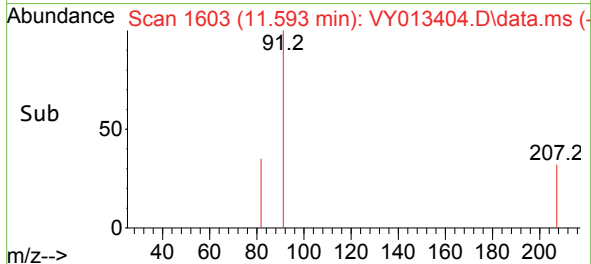
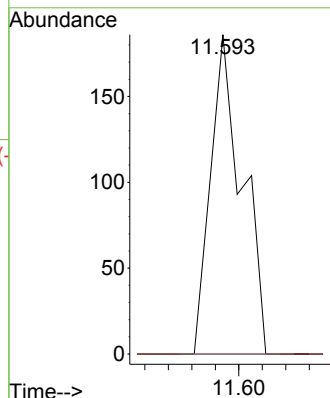
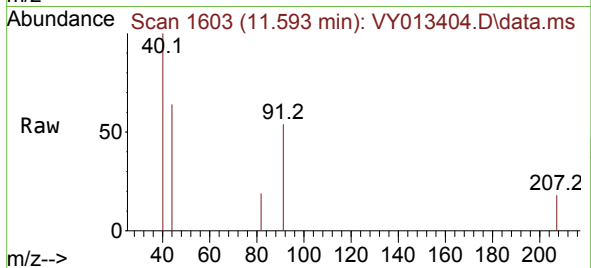
SB-12-6.0-6.5RE

Tgt Ion: 91 Resp: 173

Ion Ratio Lower Upper

91 100

106 0.0 25.1 37.7#



#68

m/p-Xylenes

Concen: 1.090 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013404.D

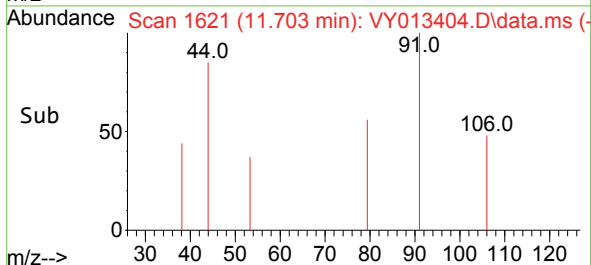
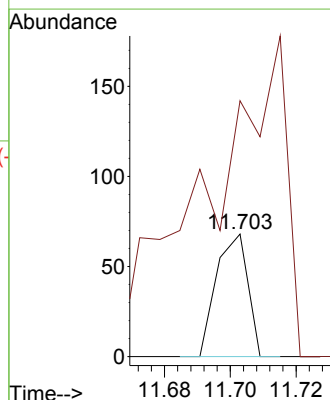
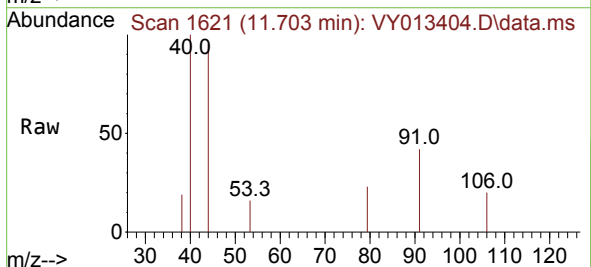
Acq: 24 Apr 2023 16:40

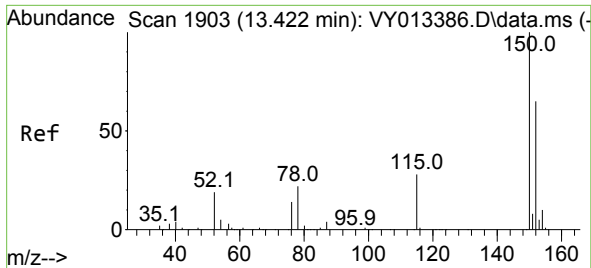
Tgt Ion: 106 Resp: 45

Ion Ratio Lower Upper

106 100

91 664.4 160.9 241.3#

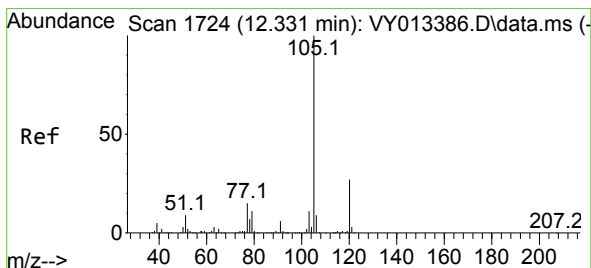
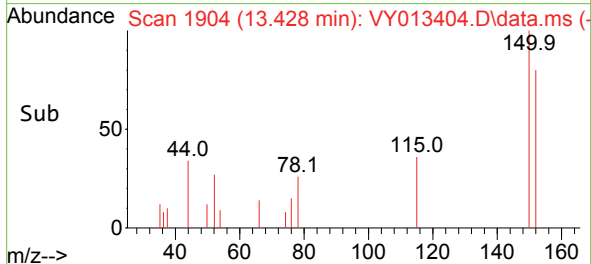
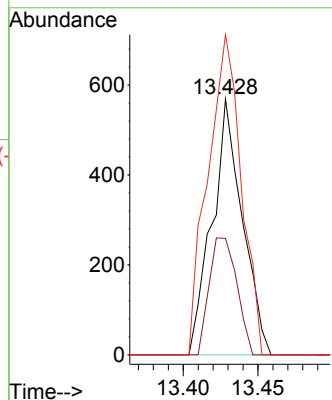
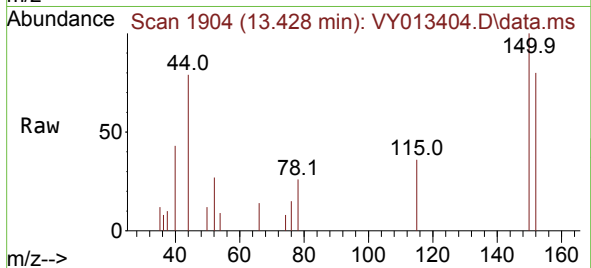




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

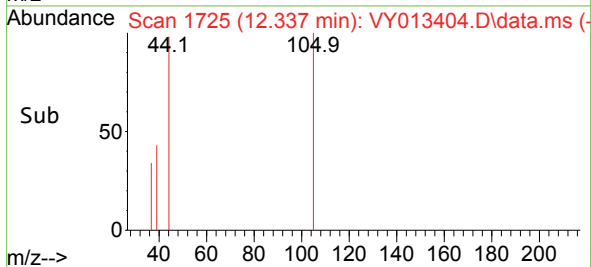
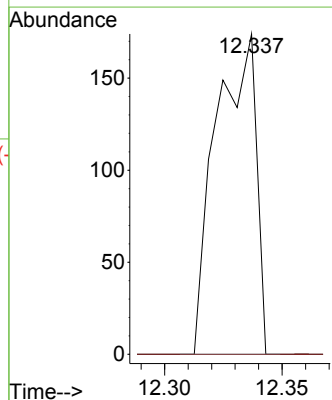
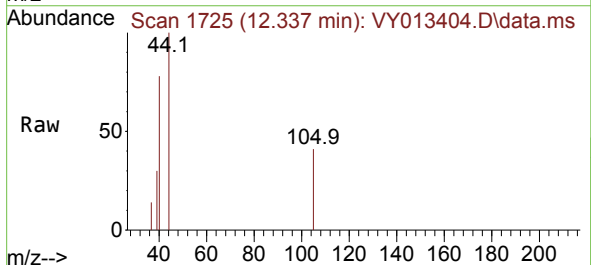
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.0-6.5RE

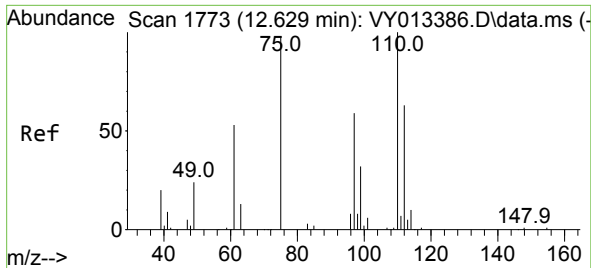
Tgt Ion:152 Resp: 802
 Ion Ratio Lower Upper
 152 100
 115 41.6 28.1 84.2
 150 137.5 0.0 352.0



#73
 Isopropylbenzene
 Concen: 3.396 ug/l
 RT: 12.337 min Scan# 1725
 Delta R.T. 0.006 min
 Lab File: VY013404.D
 Acq: 24 Apr 2023 16:40

Tgt Ion:105 Resp: 206
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.7 41.0#

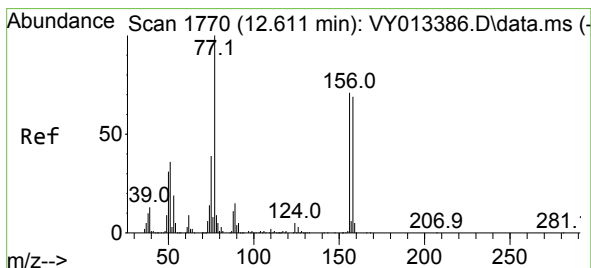
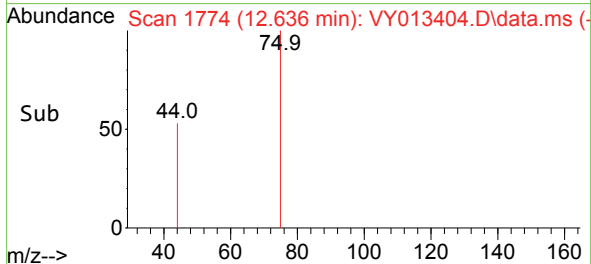
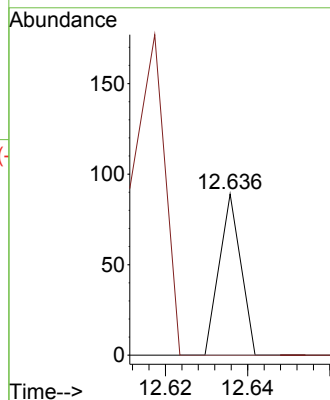
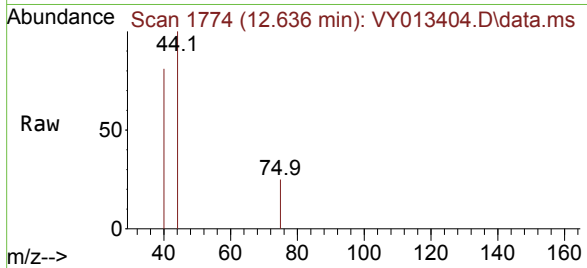




#76
1,2,3-Trichloropropane
Concen: 3.051 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

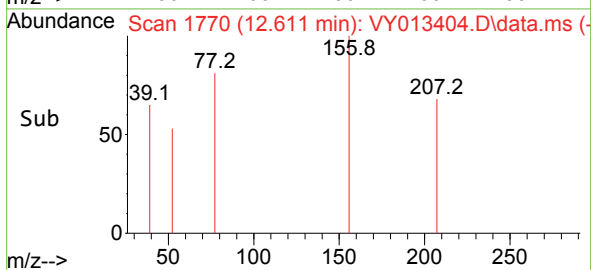
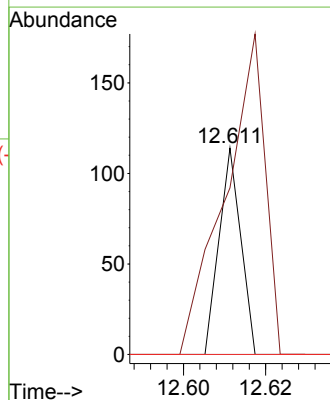
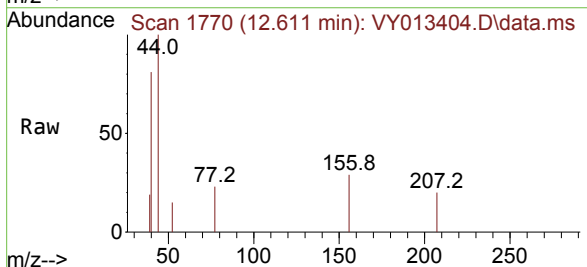
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

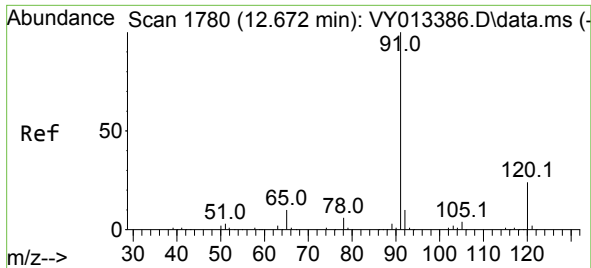
Tgt Ion: 75 Resp: 33
Ion Ratio Lower Upper
75 100
77 363.6 0.0 0.0#



#77
Bromobenzene
Concen: 2.857 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 156 Resp: 42
Ion Ratio Lower Upper
156 100
77 285.7 87.6 262.9#
158 0.0 48.5 145.5#

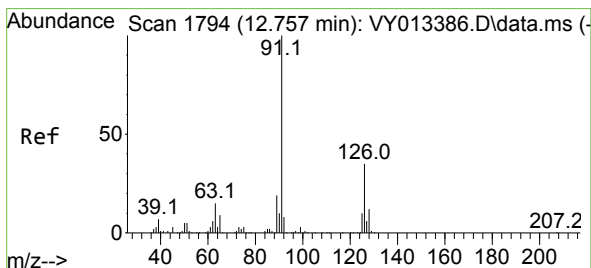
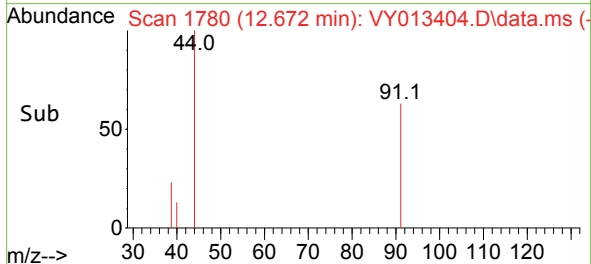
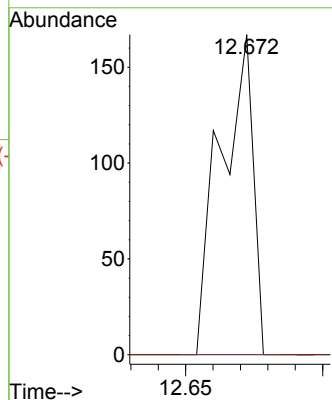
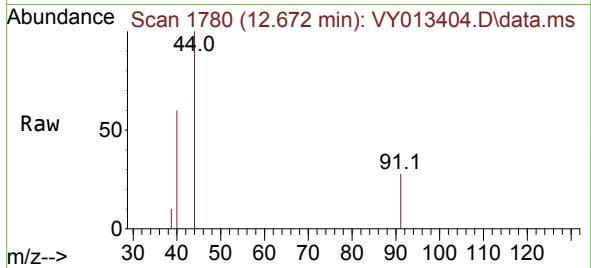




#78
n-propylbenzene
Concen: 1.847 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

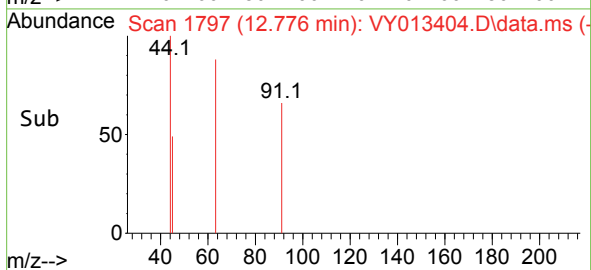
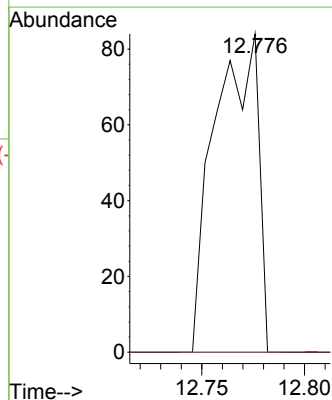
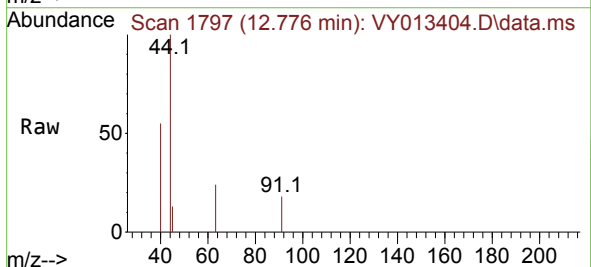
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

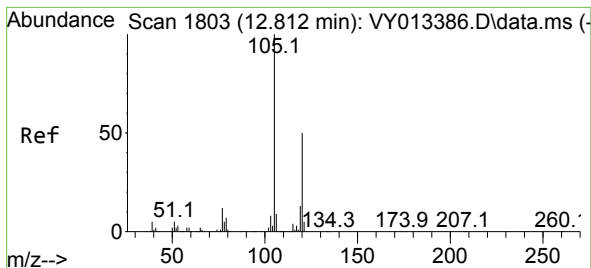
Tgt Ion: 91 Resp: 138
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#



#79
2-Chlorotoluene
Concen: 2.972 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.019 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion: 91 Resp: 124
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#





#80

1,3,5-Trimethylbenzene

Concen: 3.110 ug/l

RT: 12.813 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

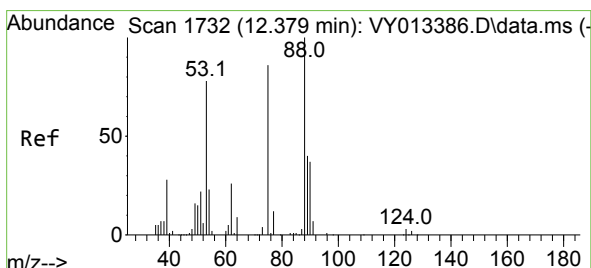
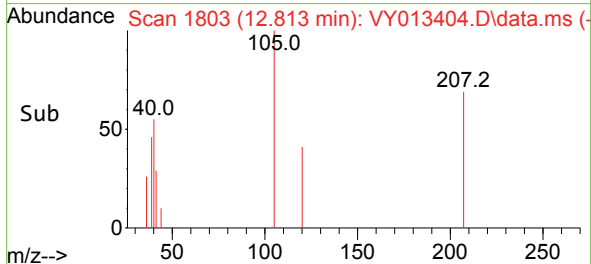
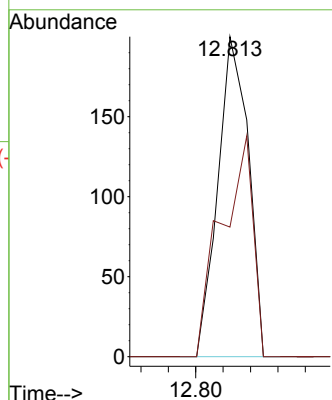
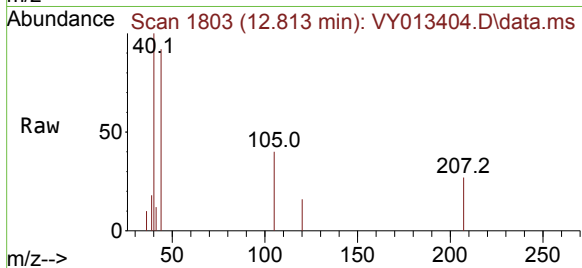
SB-12-6.0-6.5RE

Tgt Ion:105 Resp: 154

Ion Ratio Lower Upper

105 100

120 72.1 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 104.207 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

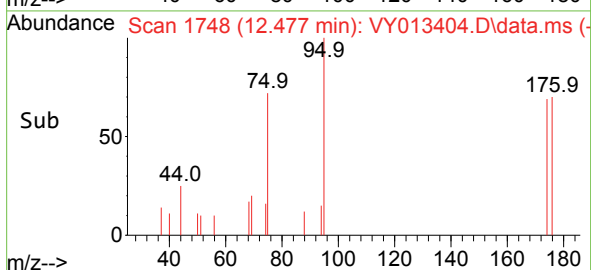
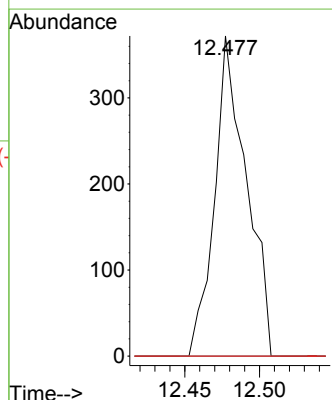
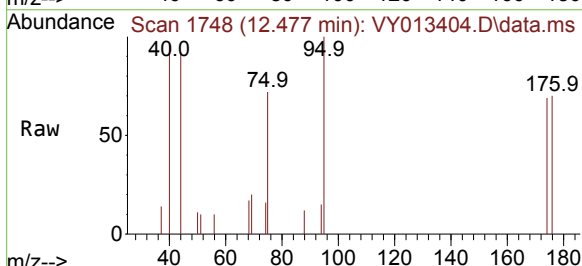
Tgt Ion: 75 Resp: 551

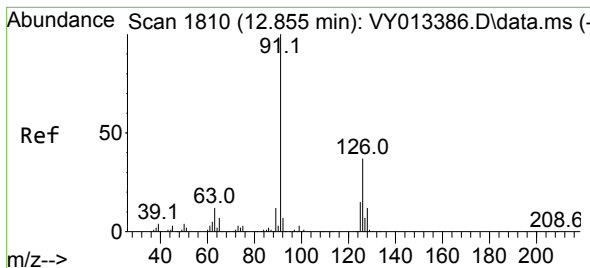
Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 3.863 ug/l

RT: 12.843 min Scan# 1808

Delta R.T. -0.012 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

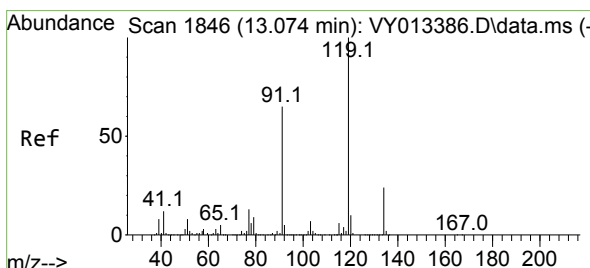
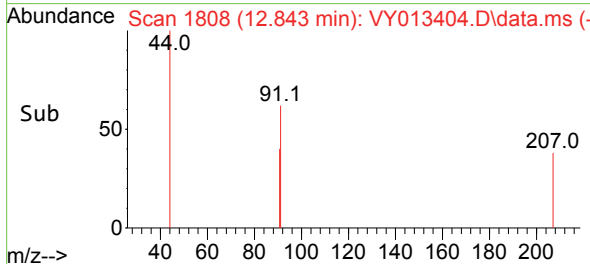
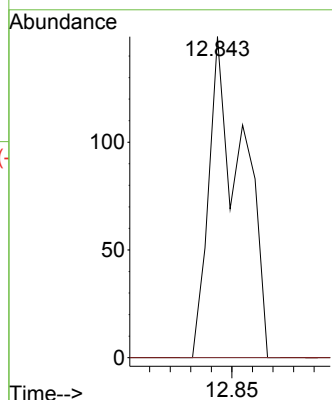
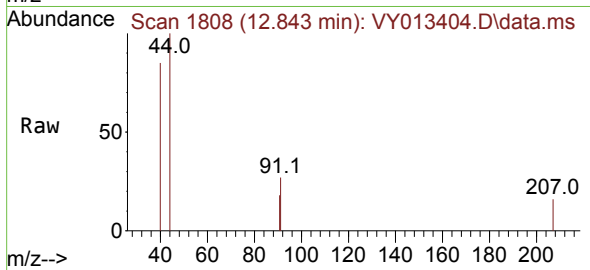
SB-12-6.0-6.5RE

Tgt Ion: 91 Resp: 168

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.8#



#83

tert-Butylbenzene

Concen: 2.191 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

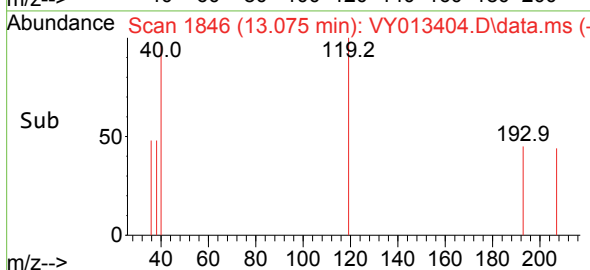
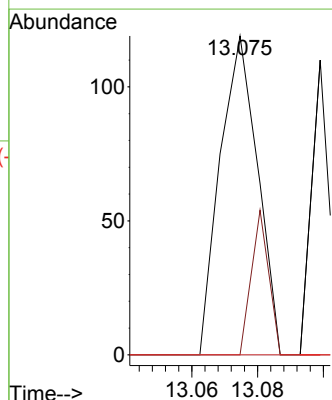
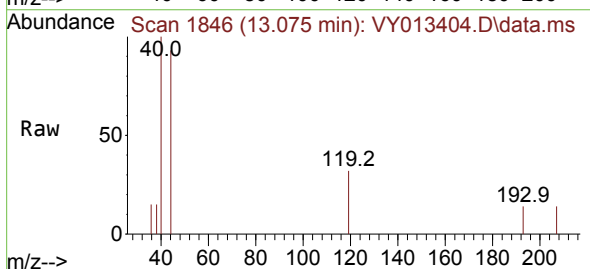
Tgt Ion: 119 Resp: 94

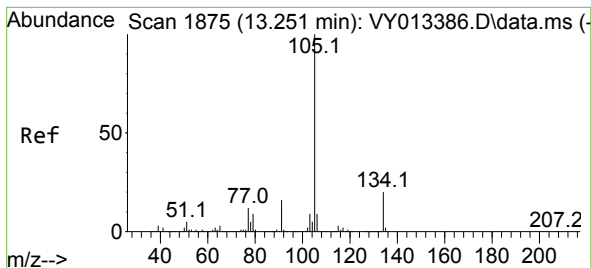
Ion Ratio Lower Upper

119 100

91 21.3 32.2 96.6#

134 0.0 13.0 38.9#





#85

sec-Butylbenzene

Concen: 3.076 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.007 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

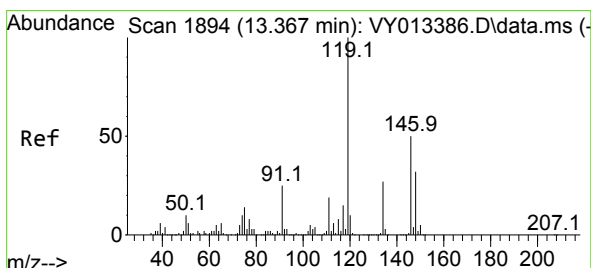
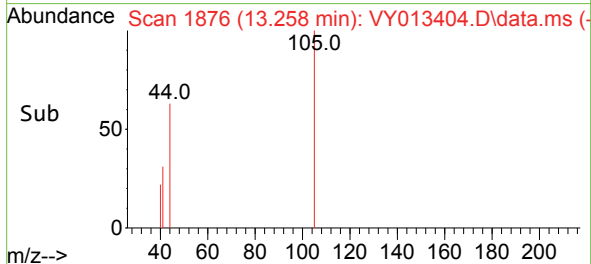
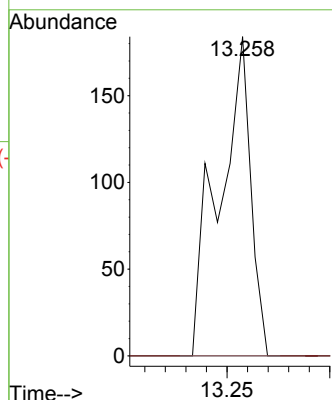
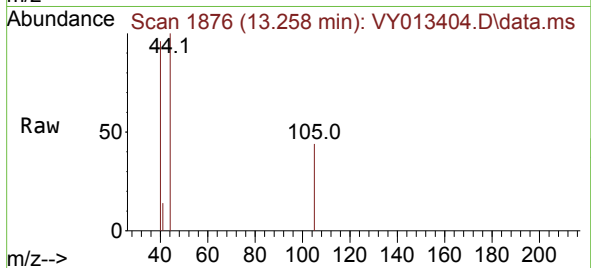
SB-12-6.0-6.5RE

Tgt Ion:105 Resp: 198

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 3.554 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

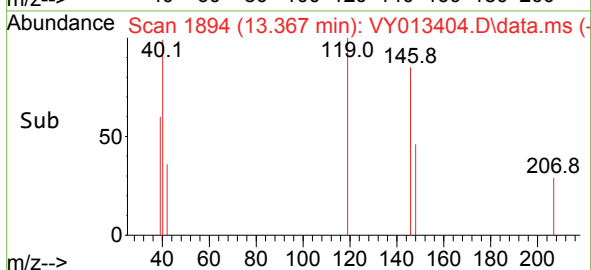
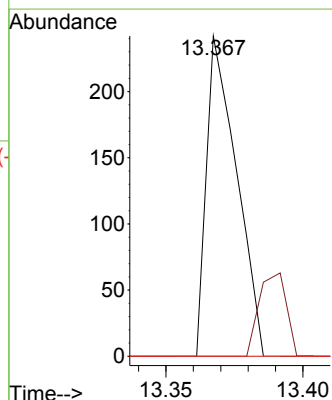
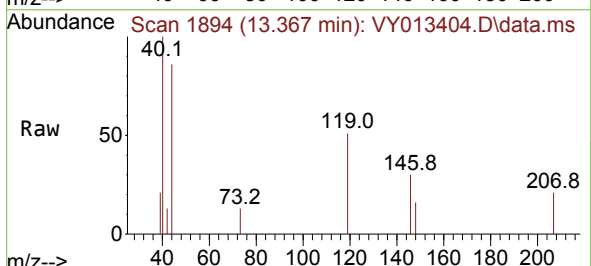
Tgt Ion:119 Resp: 184

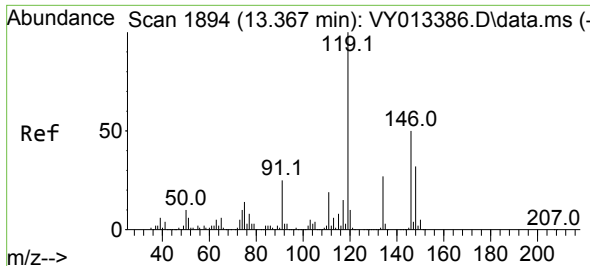
Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

91 0.0 12.1 36.3#

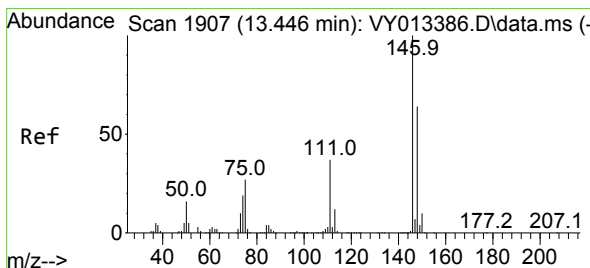
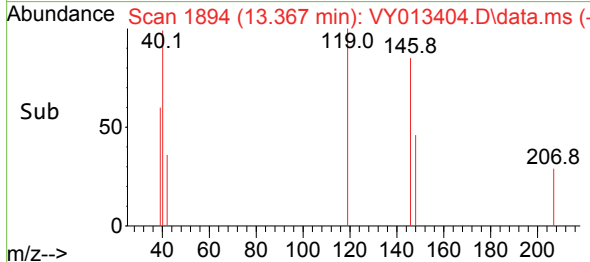
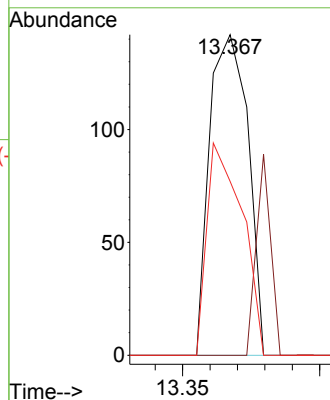
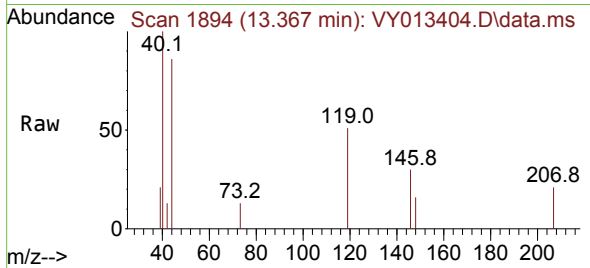




#87
1,3-Dichlorobenzene
Concen: 4.928 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

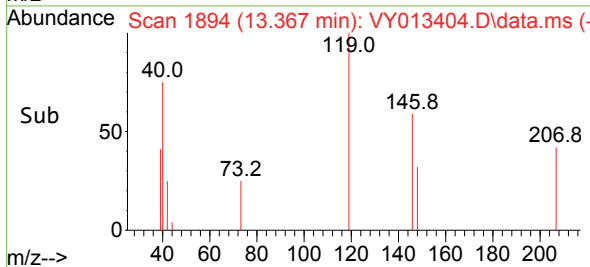
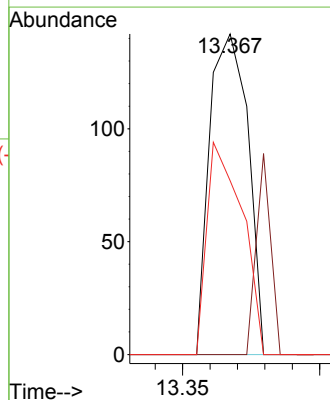
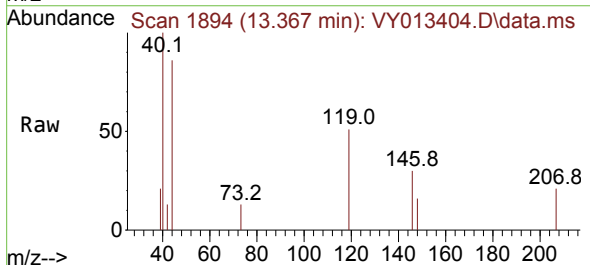
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

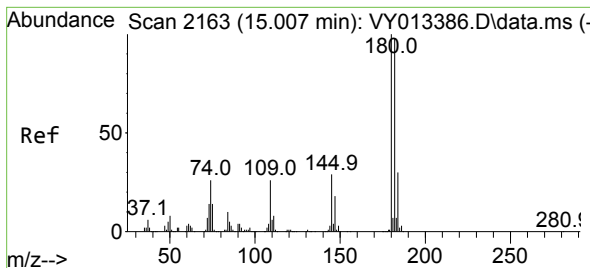
Tgt Ion:	146	Resp:	138
Ion	Ratio	Lower	Upper
146	100		
111	23.9	19.3	57.9
148	60.9	31.9	95.7



#88
1,4-Dichlorobenzene
Concen: 4.879 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.079 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion:	146	Resp:	138
Ion	Ratio	Lower	Upper
146	100		
111	23.9	18.9	56.5
148	60.9	31.9	95.5

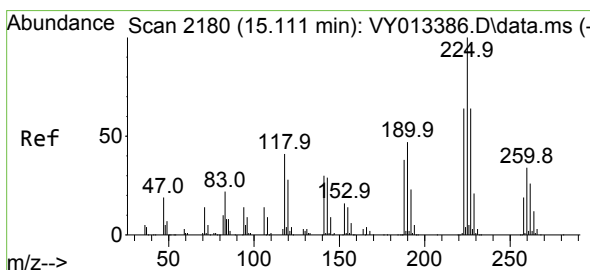
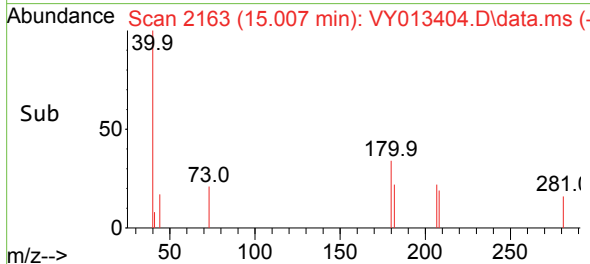
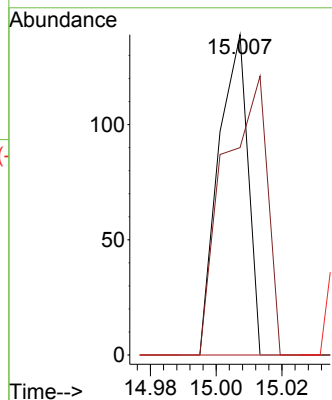
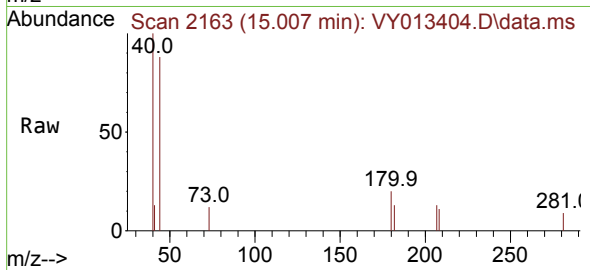




#93
1,2,4-Trichlorobenzene
Concen: 5.704 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

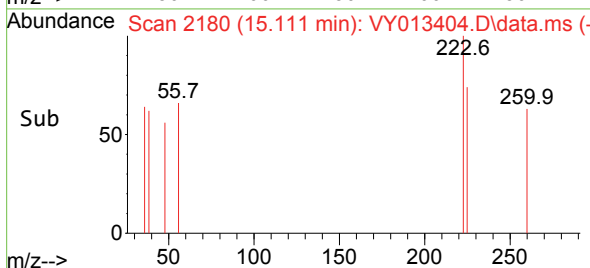
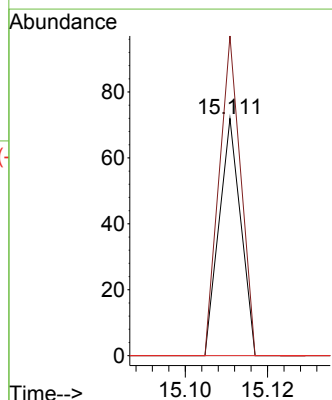
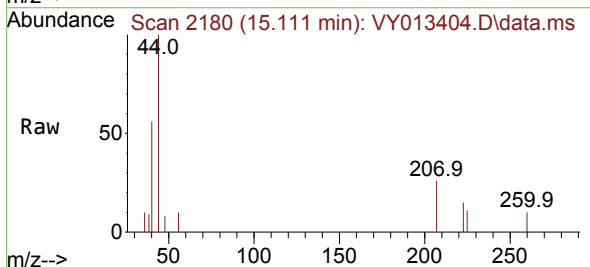
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.0-6.5RE

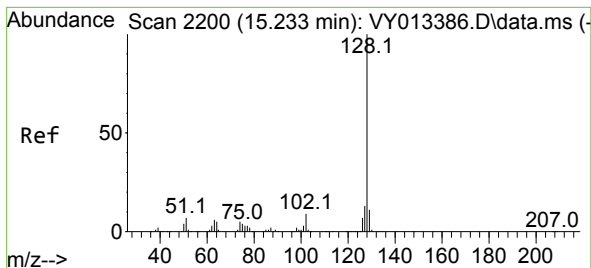
Tgt Ion:180 Resp: 86
Ion Ratio Lower Upper
180 100
182 126.7 48.5 145.5
145 0.0 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 2.963 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013404.D
Acq: 24 Apr 2023 16:40

Tgt Ion:225 Resp: 26
Ion Ratio Lower Upper
225 100
223 134.6 31.4 94.2#
227 0.0 32.0 96.0#





#95

Naphthalene

Concen: 7.918 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-12-6.0-6.5RE

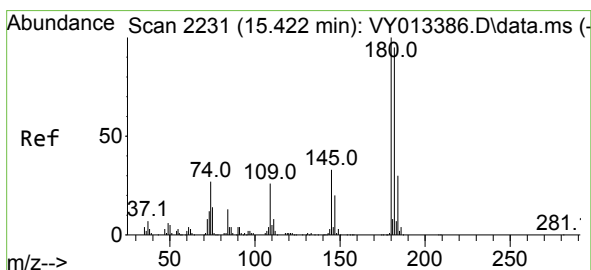
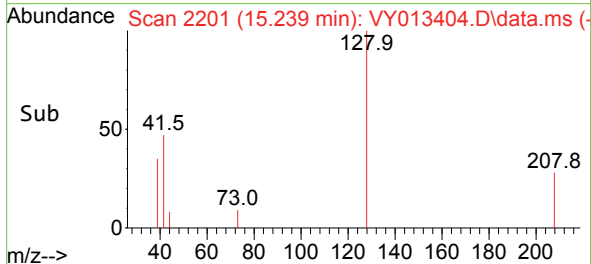
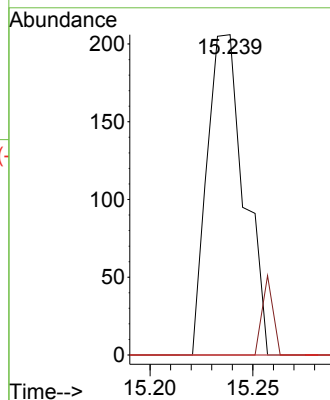
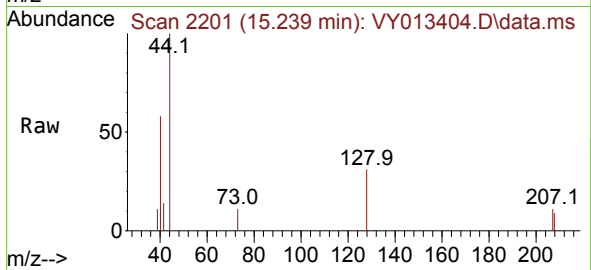
Tgt Ion:128 Resp: 259

Ion Ratio Lower Upper

128 100

127 7.3 10.7 16.1#

129 0.0 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 5.730 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY013404.D

Acq: 24 Apr 2023 16:40

Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 59.7 47.1 141.3

145 0.0 15.9 47.7#

