

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014460.D
 Acq On : 27 Jun 2023 15:59
 Operator : KP/MD
 Sample : 03398-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Jun 28 01:57:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

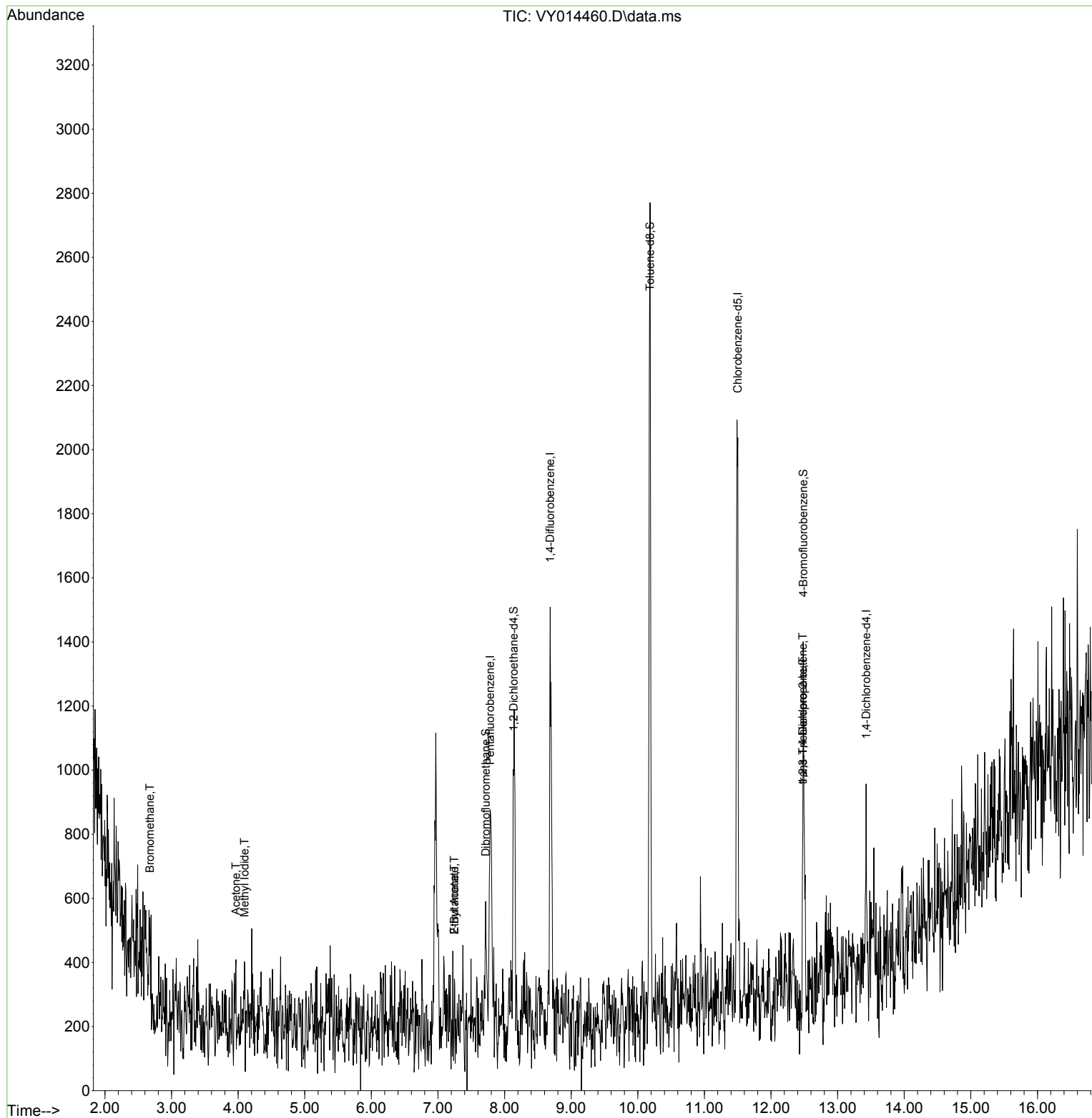
Internal Standards						
1) Pentafluorobenzene	7.783	168	1007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	1303	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	184	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	843	67.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.840%	
35) Dibromofluoromethane	7.716	113	196	17.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 34.480%#	
50) Toluene-d8	10.185	98	1933	42.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.560%	
62) 4-Bromofluorobenzene	12.483	95	281	17.418	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 34.840%	
Target Compounds						Qvalue
5) Bromomethane	2.674	94	23	2.626	ug/l #	2
10) Methyl Iodide	4.094	142	222	19.893	ug/l #	38
16) Acetone	3.966	43	97	24.656	ug/l #	46
20) Methylene Chloride	4.728	84	28	Below Cal	#	4
25) 2-Butanone	7.246	43	45	9.183	ug/l #	49
37) Ethyl Acetate	7.246	43	45	3.727	ug/l #	71
76) 1,2,3-Trichloropropane	12.477	75	130	56.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	130	128.228	ug/l #	10

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
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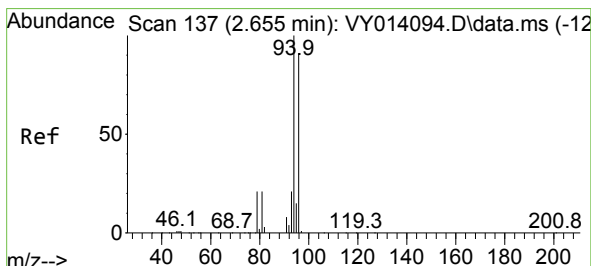
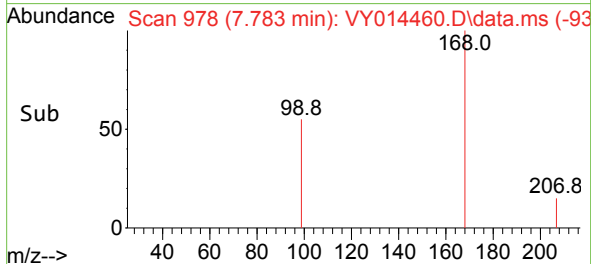
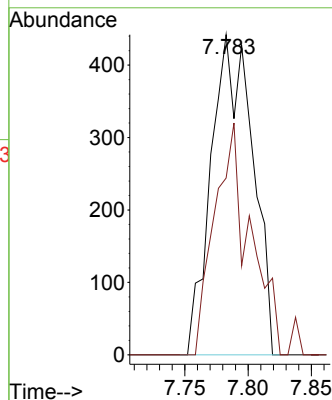
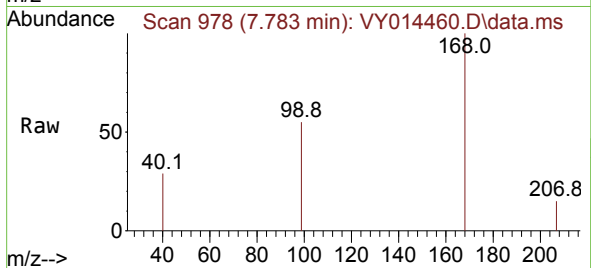




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

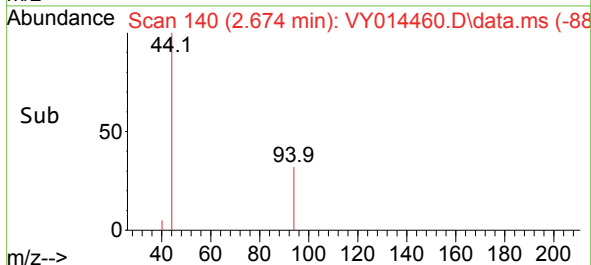
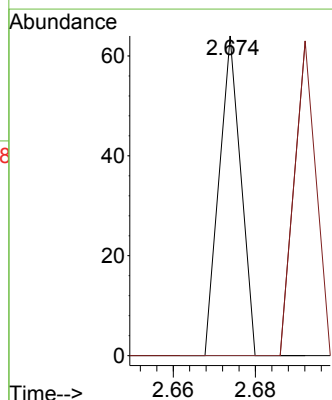
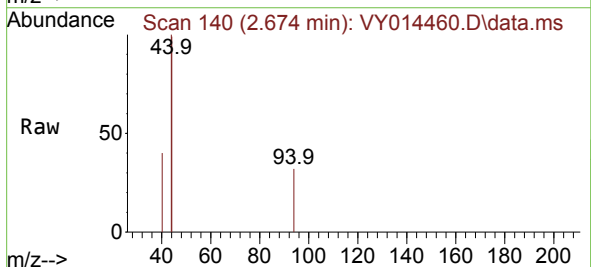
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

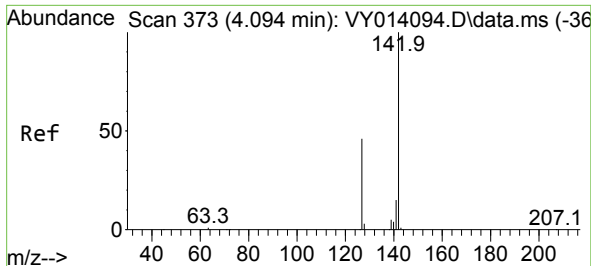
Tgt Ion:168 Resp: 1007
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#5
Bromomethane
Concen: 2.626 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.019 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#





#10

Methyl Iodide

Concen: 19.893 ug/l

RT: 4.094 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

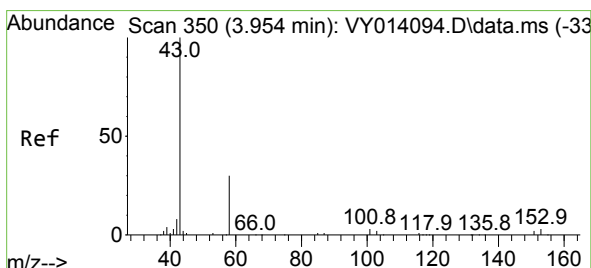
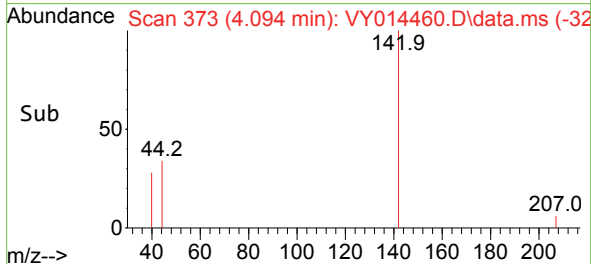
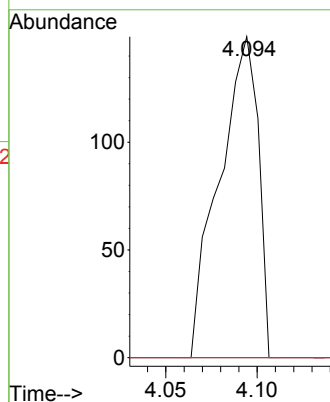
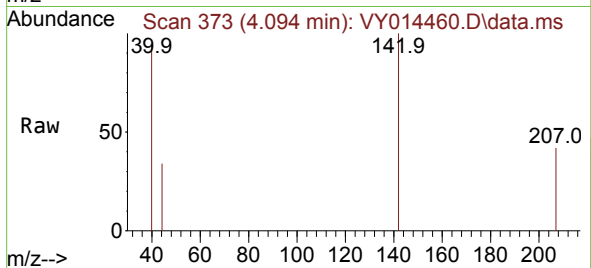
Tgt Ion:142 Resp: 222

Ion Ratio Lower Upper

142 100

127 0.0 37.6 56.4#

141 0.0 11.8 17.8#



#16

Acetone

Concen: 24.656 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY014460.D

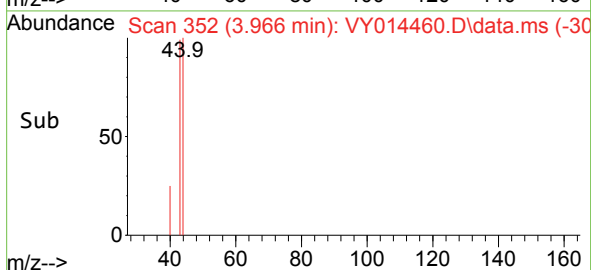
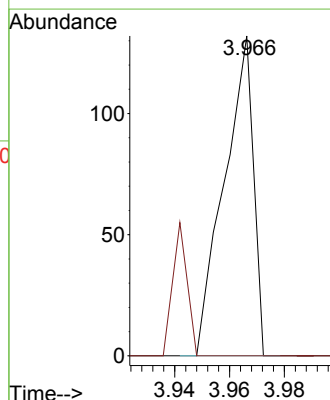
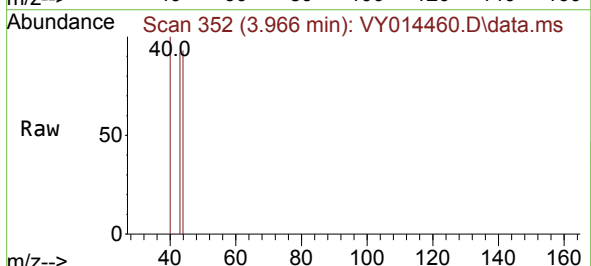
Acq: 27 Jun 2023 15:59

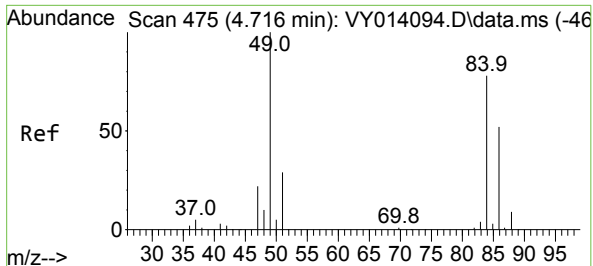
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#

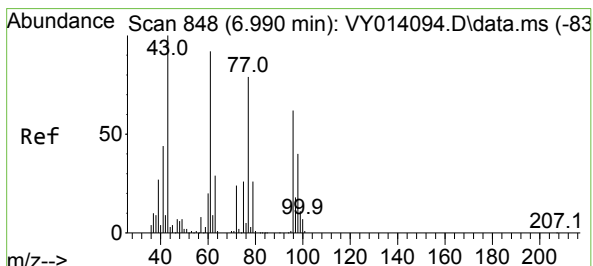
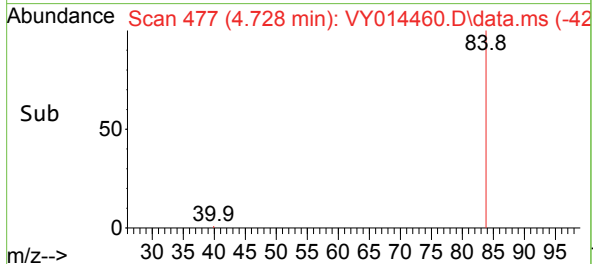
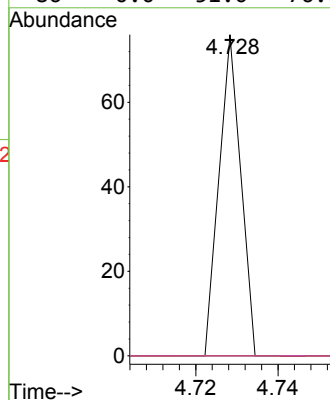
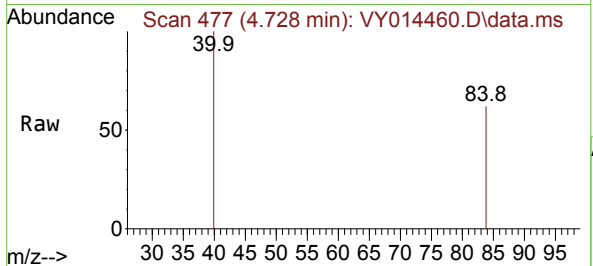




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

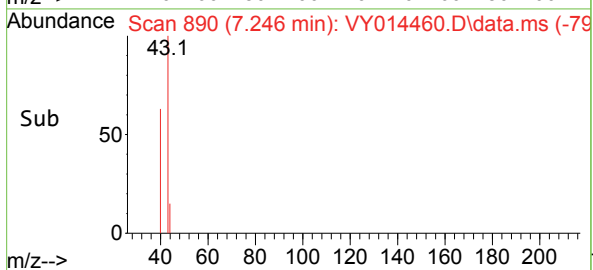
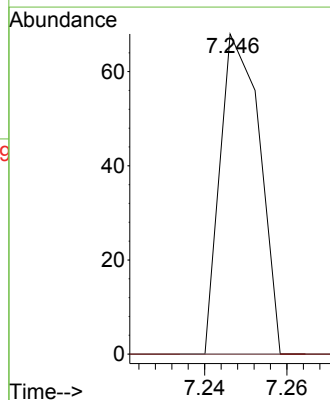
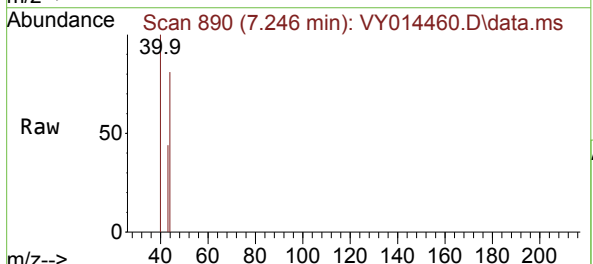
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

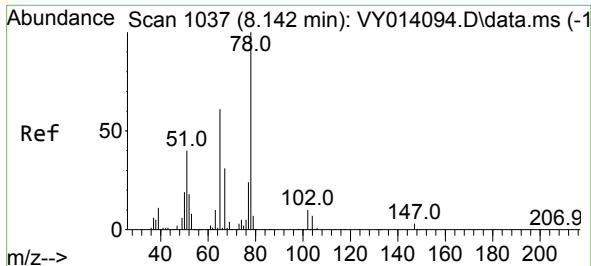
Tgt Ion: 84 Resp: 28
Ion Ratio Lower Upper
84 100
49 0.0 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#



#25
2-Butanone
Concen: 9.183 ug/l
RT: 7.246 min Scan# 890
Delta R.T. 0.256 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 67.425 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

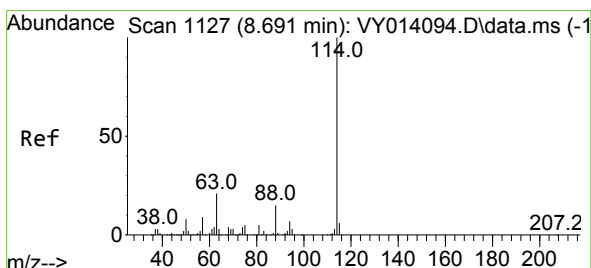
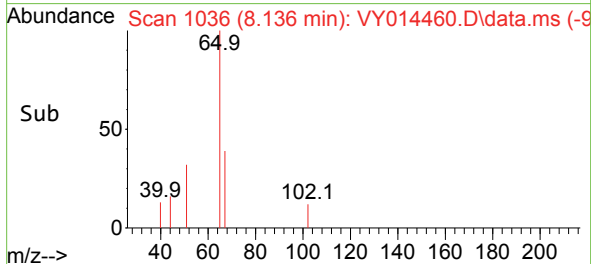
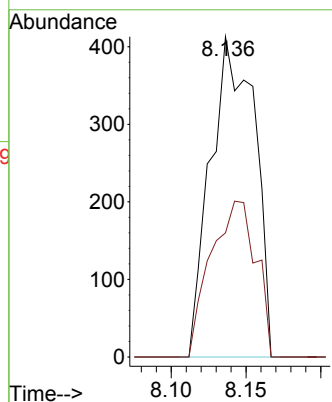
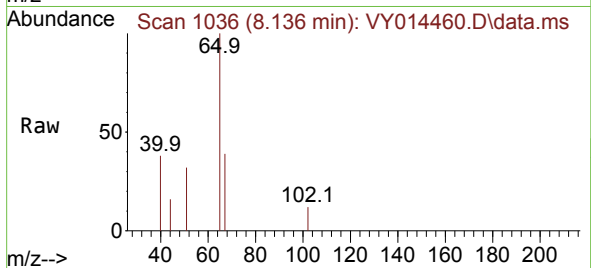
WC-1RE

Tgt Ion: 65 Resp: 843

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

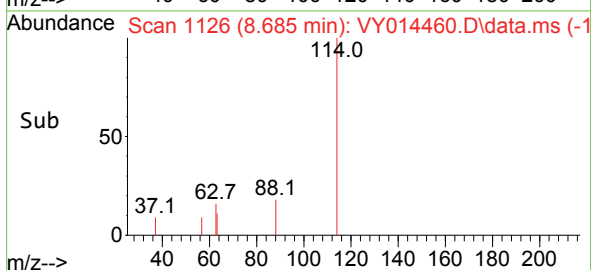
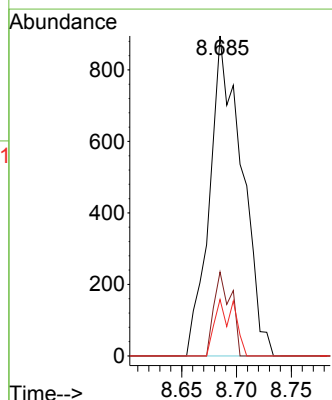
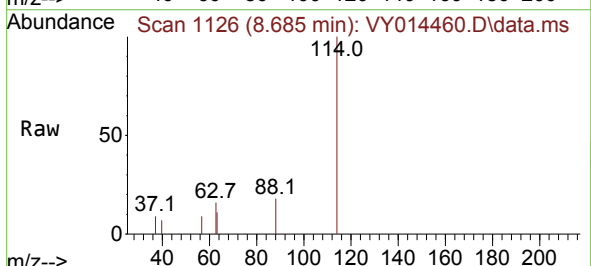
Tgt Ion: 114 Resp: 1840

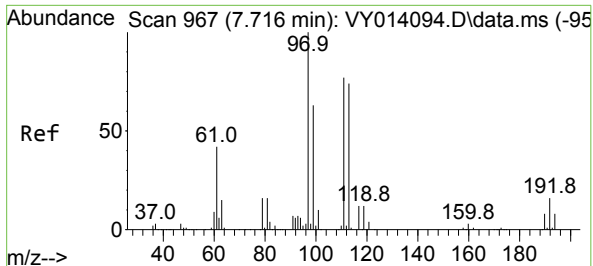
Ion Ratio Lower Upper

114 100

63 26.3 0.0 42.4

88 17.7 0.0 30.6

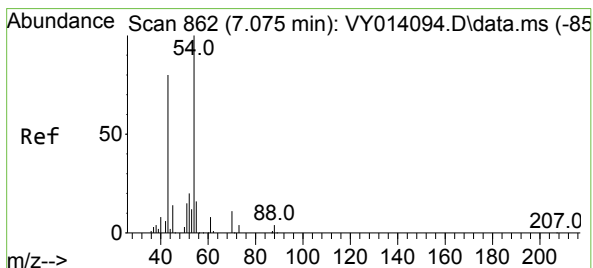
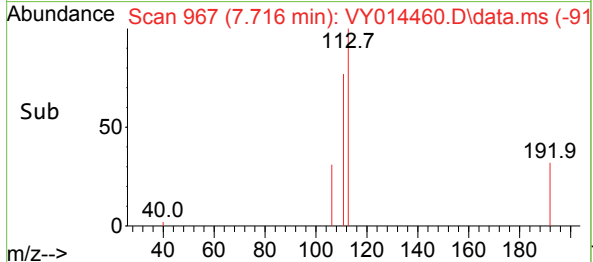
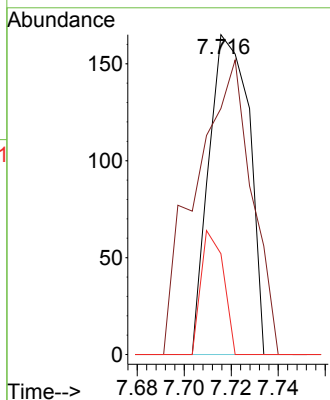
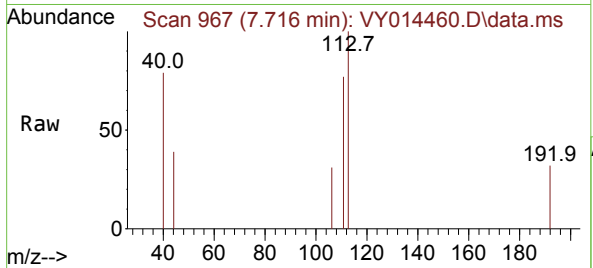




#35
Dibromofluoromethane
Concen: 17.242 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

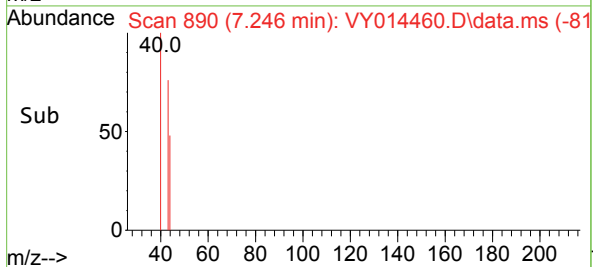
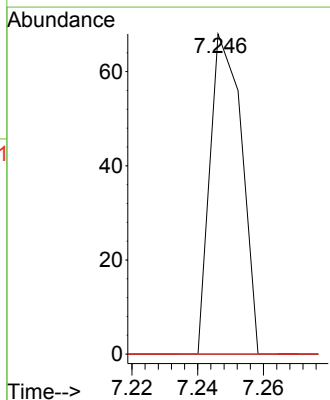
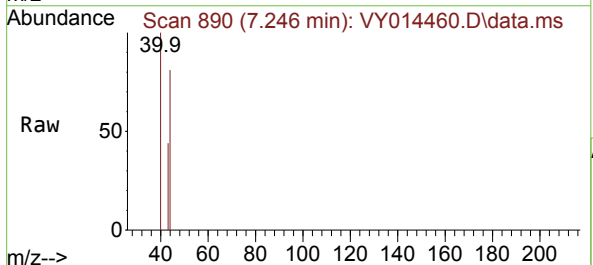
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

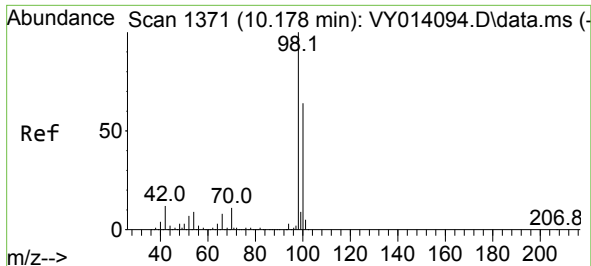
Tgt Ion:113 Resp: 196
Ion Ratio Lower Upper
113 100
111 128.1 81.3 121.9#
192 21.4 16.9 25.3



#37
Ethyl Acetate
Concen: 3.727 ug/l
RT: 7.246 min Scan# 890
Delta R.T. 0.171 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#

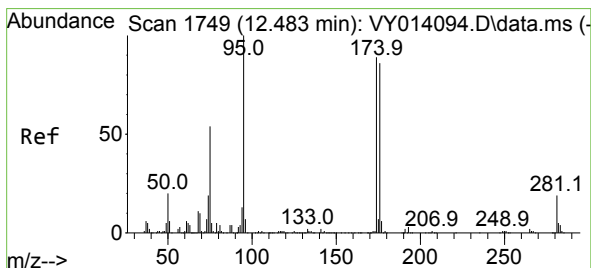
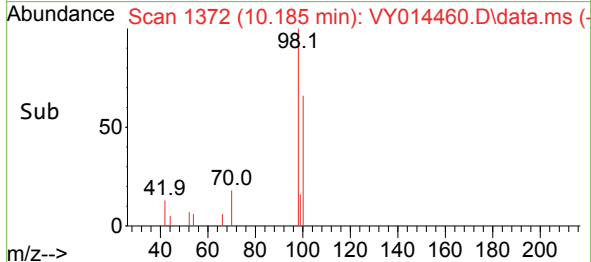
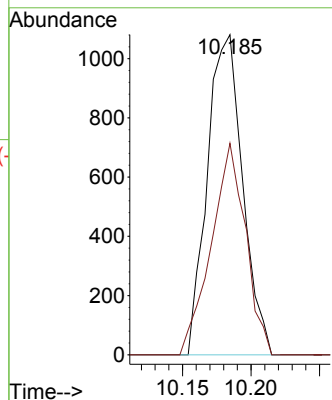
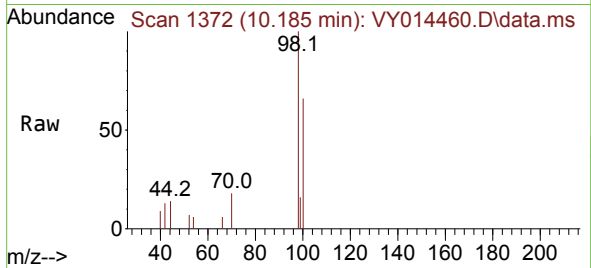




#50
Toluene-d8
Concen: 42.776 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

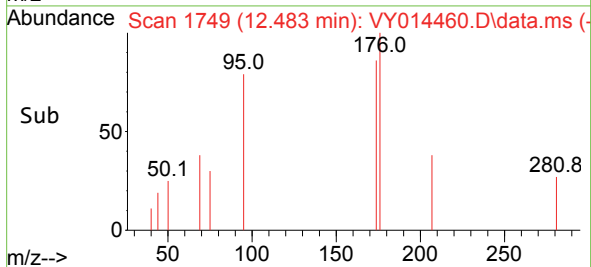
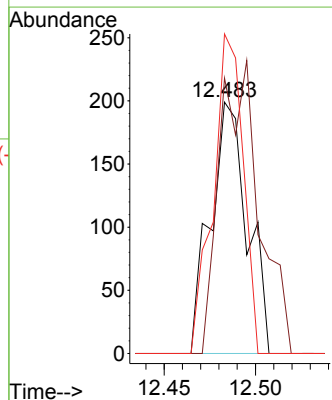
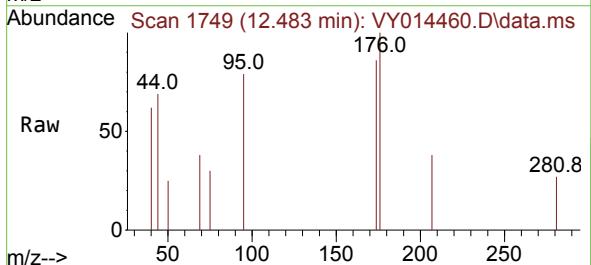
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

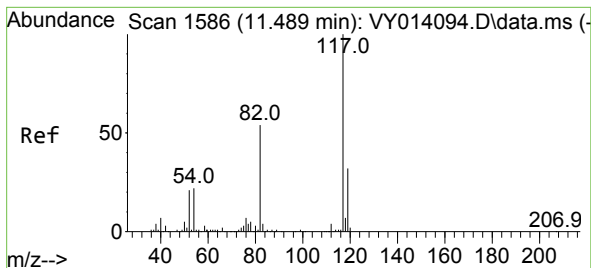
Tgt Ion: 98 Resp: 1933
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 17.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014460.D
Acq: 27 Jun 2023 15:59

Tgt Ion: 95 Resp: 281
Ion Ratio Lower Upper
95 100
174 124.2 0.0 178.2
176 102.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

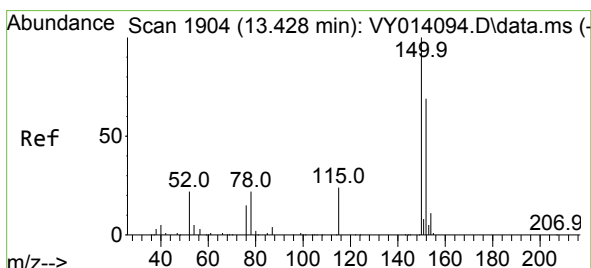
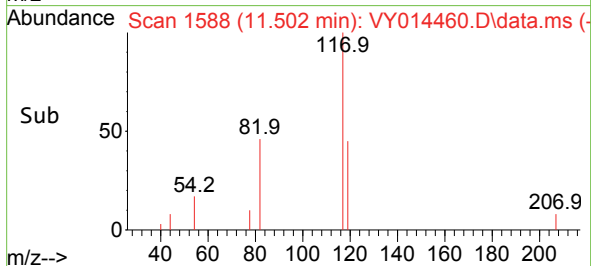
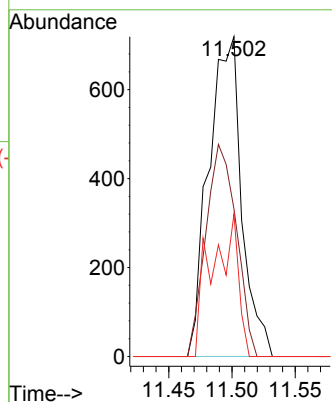
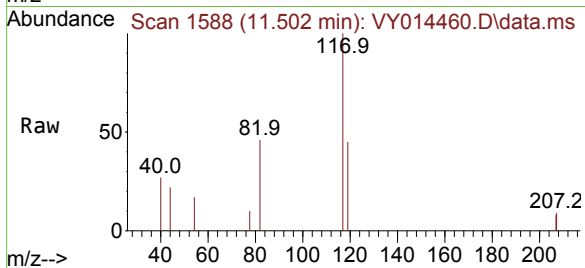
Tgt Ion:117 Resp: 1303

Ion Ratio Lower Upper

117 100

82 46.2 43.4 65.0

119 44.5 26.3 39.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

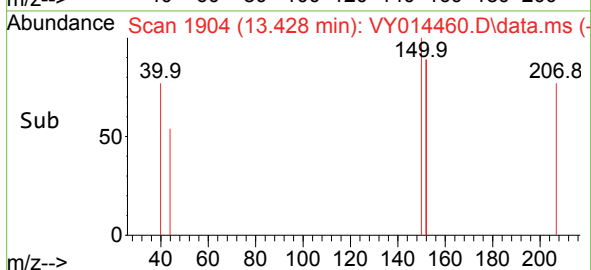
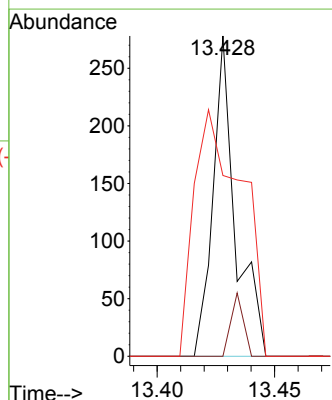
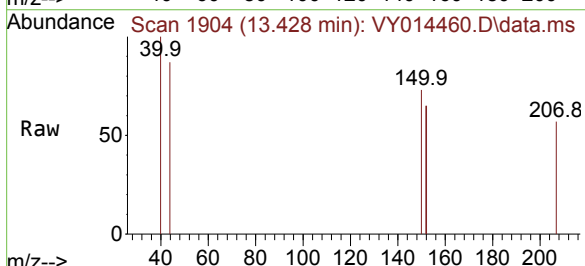
Tgt Ion:152 Resp: 184

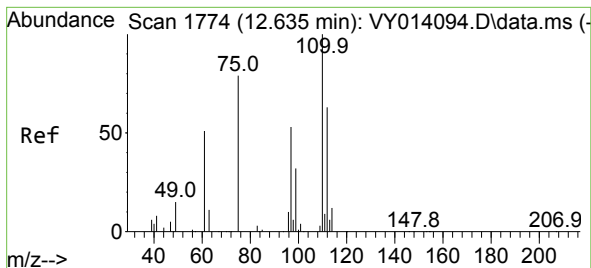
Ion Ratio Lower Upper

152 100

115 10.9 28.8 86.5#

150 164.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 56.323 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

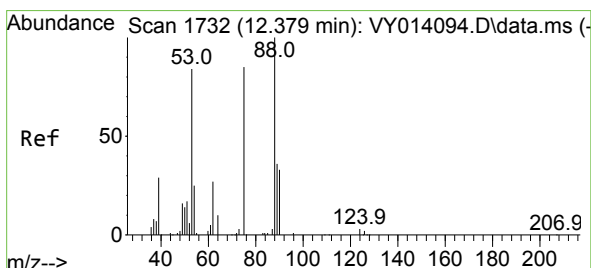
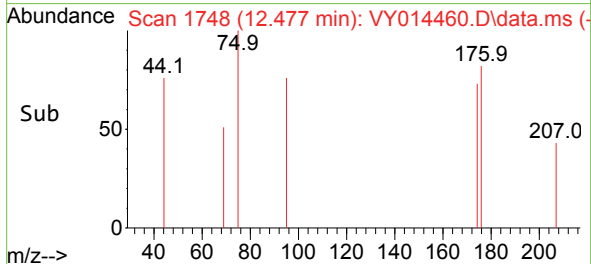
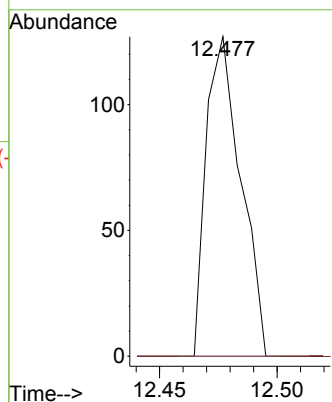
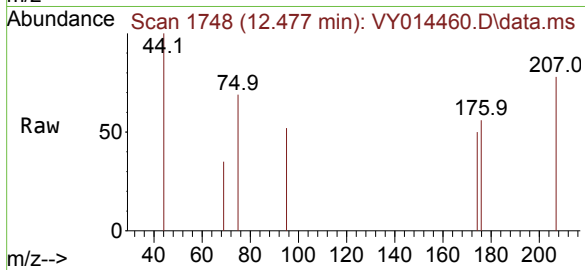
WC-1RE

Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 128.228 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY014460.D

Acq: 27 Jun 2023 15:59

Tgt Ion: 75 Resp: 130

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

