

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014155.D
 Acq On : 14 Jun 2023 15:53
 Operator : KP/MD
 Sample : VY0614SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBL01

Quant Time: Jun 15 01:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

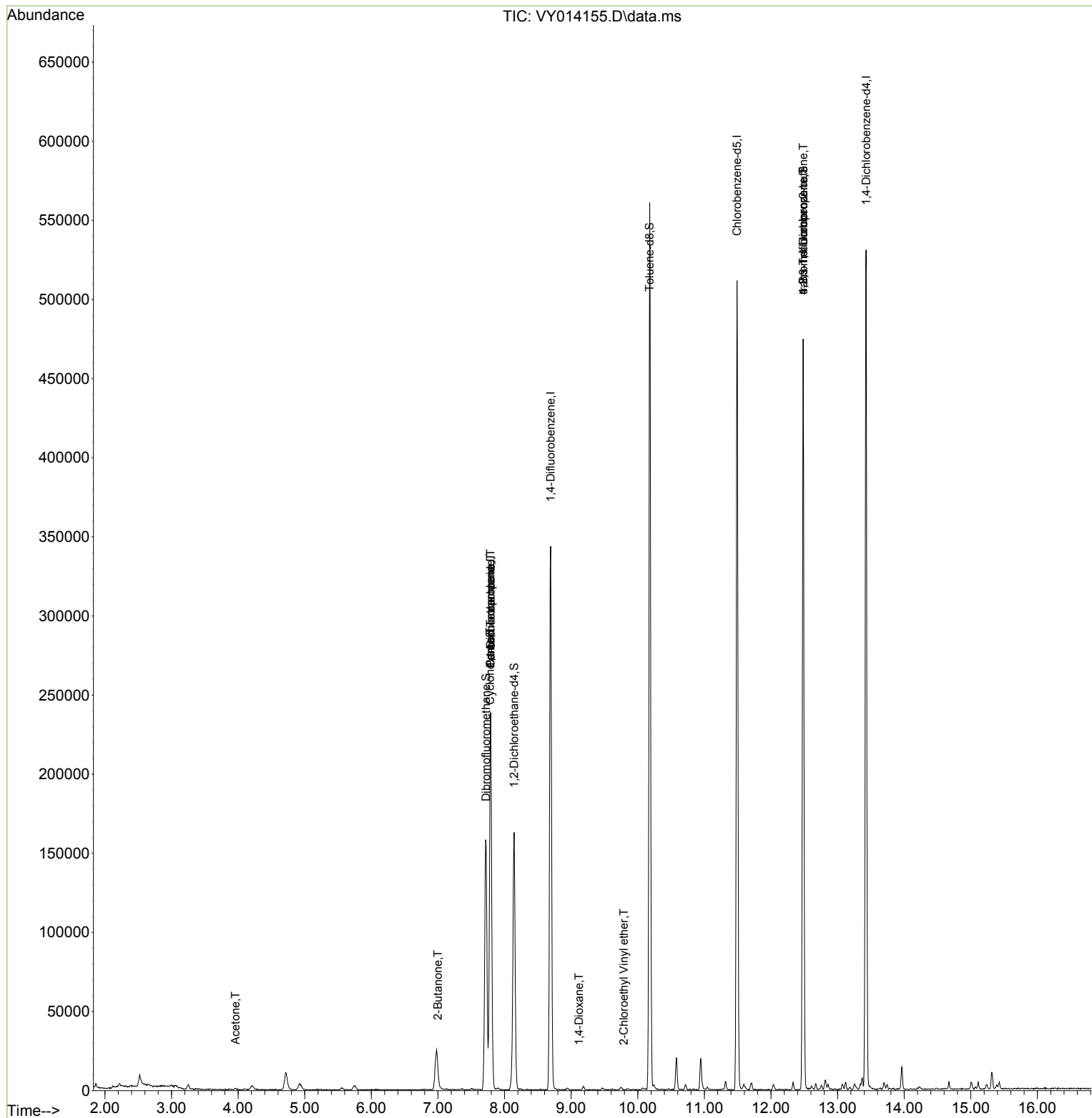
Internal Standards						
1) Pentafluorobenzene	7.789	168	183010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128672	50.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.722	113	107166	52.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.179	98	353331	45.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.880%	
62) 4-Bromofluorobenzene	12.483	95	126739	46.393	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3846	Below Cal	#	89
13) Acrolein	3.729	56	75	Below Cal	#	14
16) Acetone	3.960	43	1633	2.126	ug/l #	84
20) Methylene Chloride	4.710	84	7688	Below Cal	#	82
25) 2-Butanone	6.997	43	1109	1.173	ug/l #	72
31) Cyclohexane	7.783	56	4537	1.329	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	13640	4.253	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17906	4.839	ug/l #	16
49) 1,4-Dioxane	9.118	88	20	1.056	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.789	63	81	28.678	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	70666	38.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70666	83.900	ug/l #	11

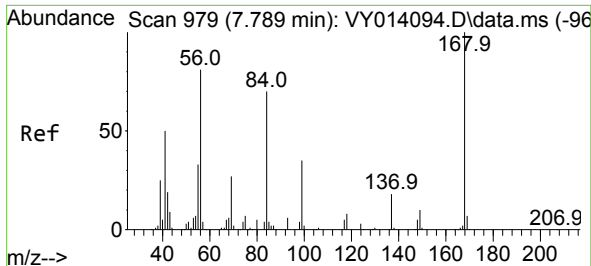
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
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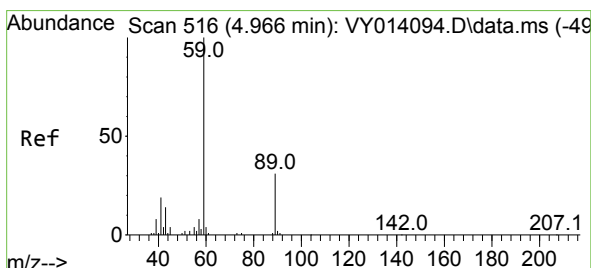
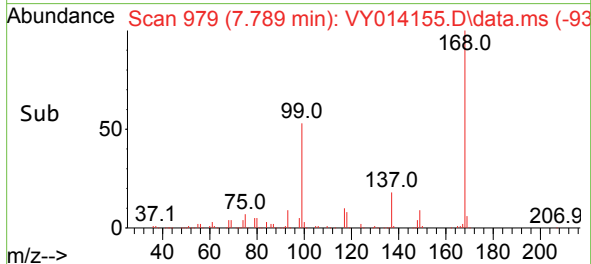
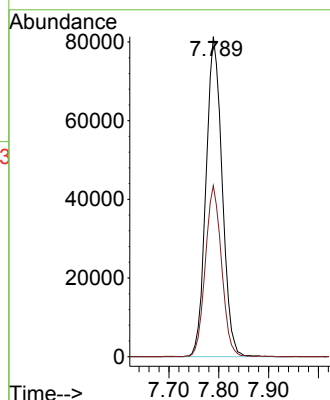
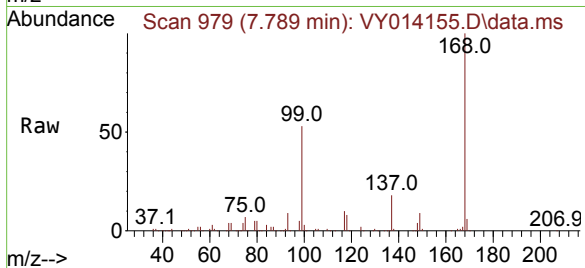




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

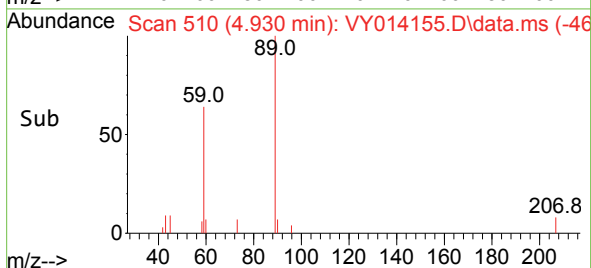
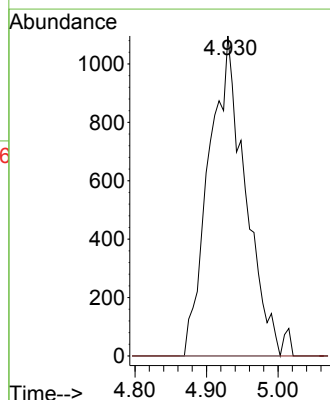
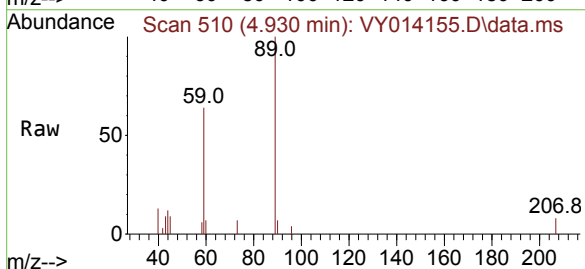
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

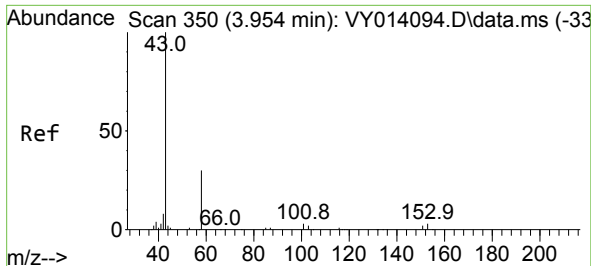
Tgt Ion:168 Resp: 183010
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.036 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 59 Resp: 3846
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

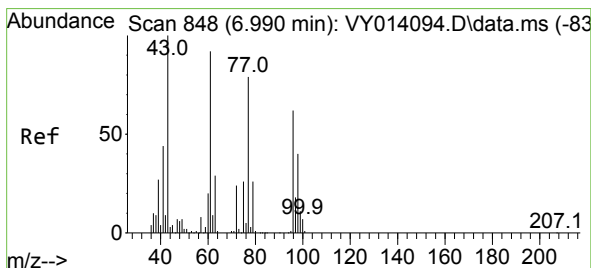
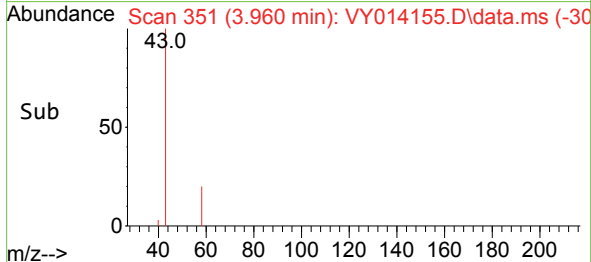
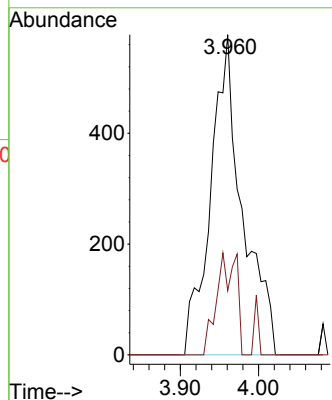
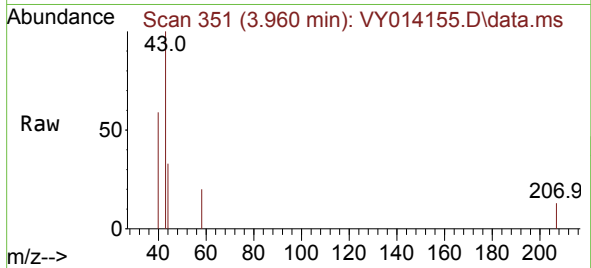




#16
Acetone
Concen: 2.126 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

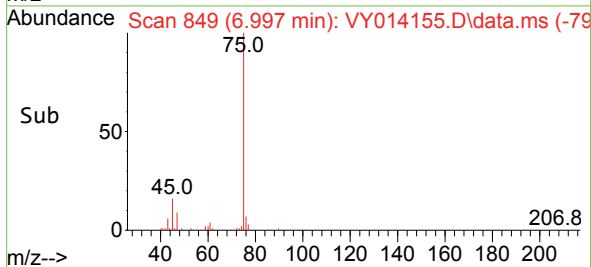
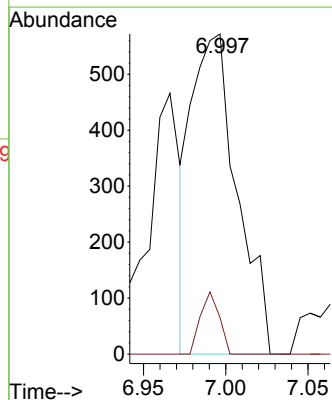
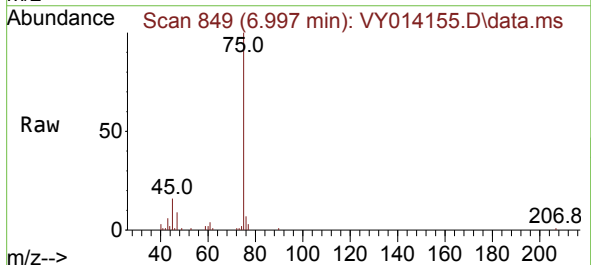
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

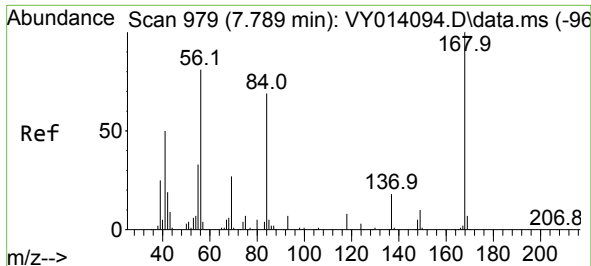
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 20.1 22.7 34.1#



#25
2-Butanone
Concen: 1.173 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
72 11.4 20.5 30.7#

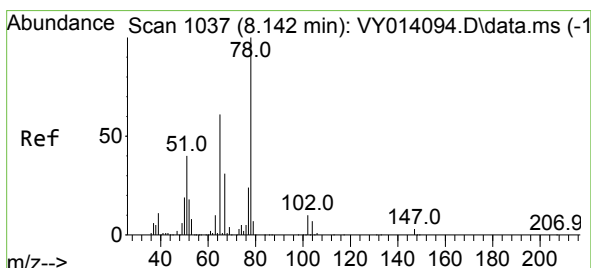
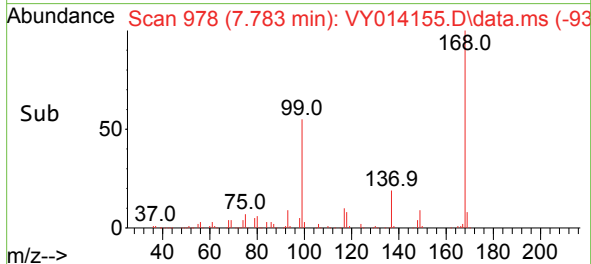
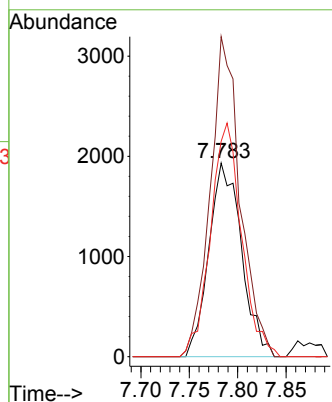
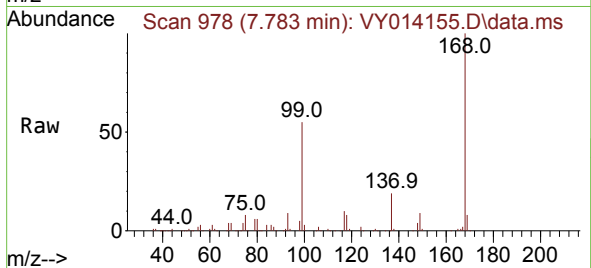




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

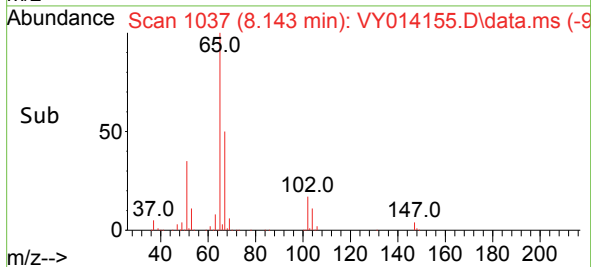
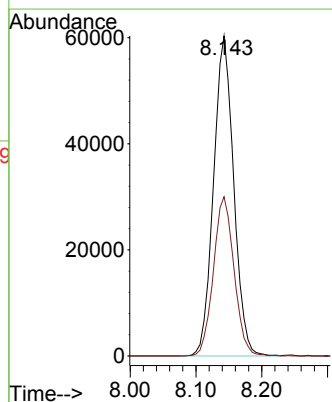
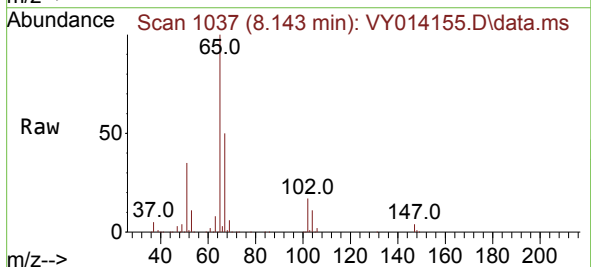
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

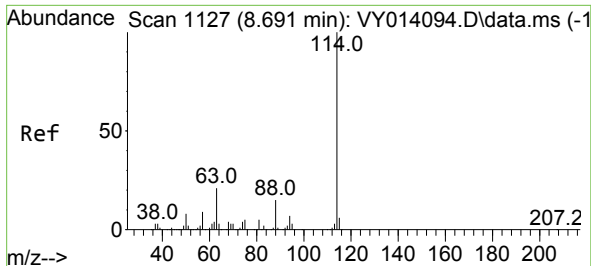
Tgt Ion: 56 Resp: 4537
Ion Ratio Lower Upper
56 100
69 165.3 27.8 41.6#
84 111.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.490 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 65 Resp: 128672
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

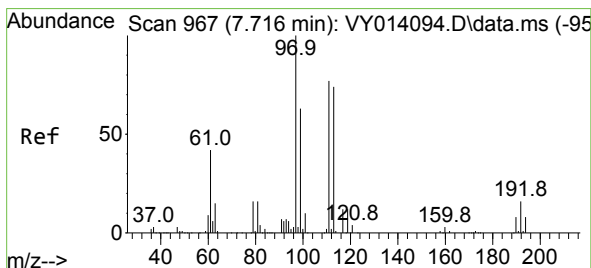
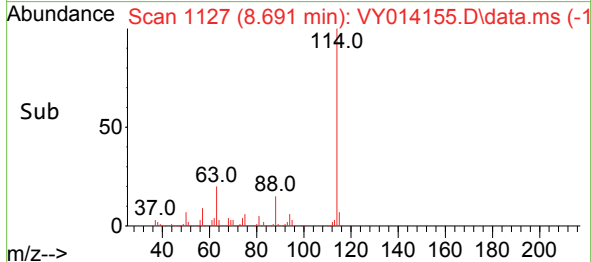
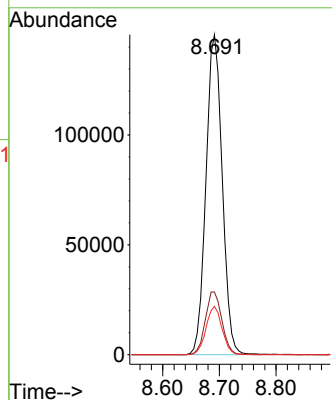
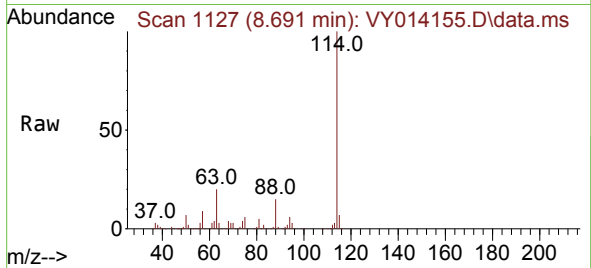




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

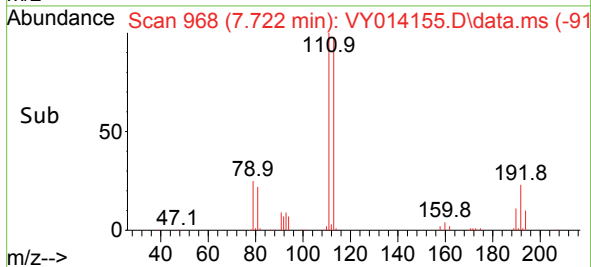
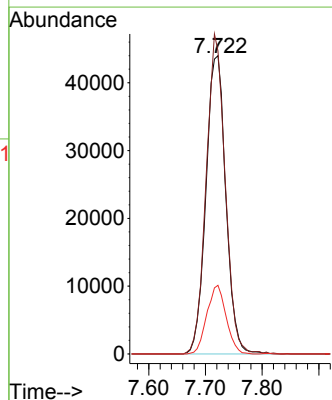
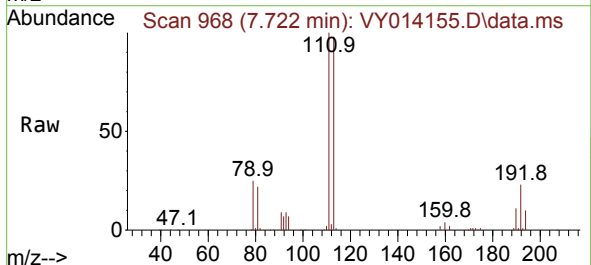
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

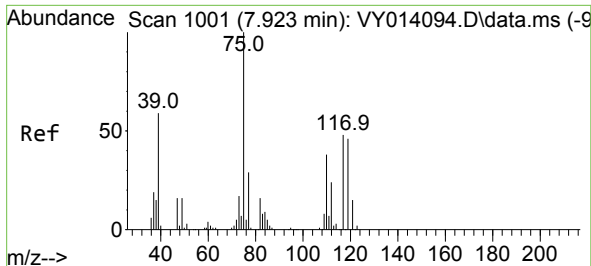
Tgt Ion:114 Resp: 290056
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.098 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion:113 Resp: 107166
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.3 16.9 25.3

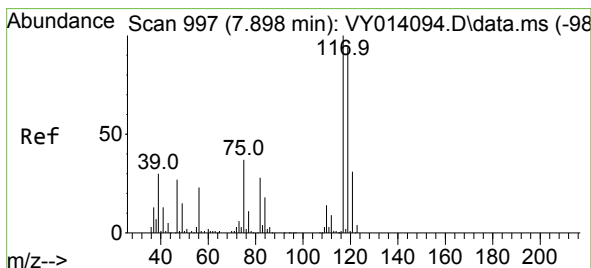
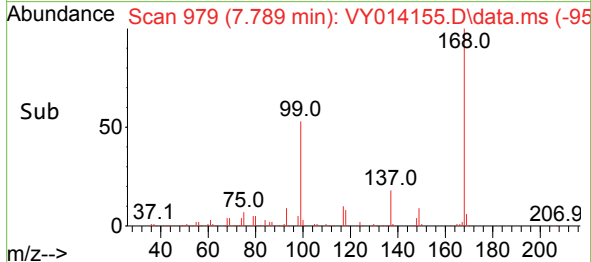
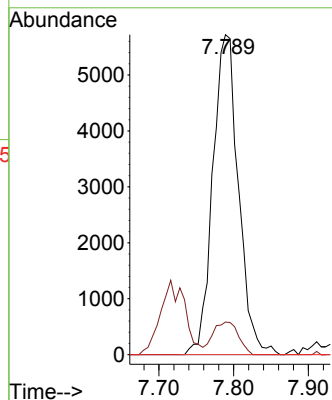
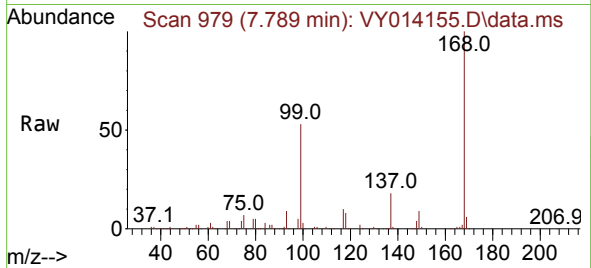




#36
1,1-Dichloropropene
Concen: 4.253 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

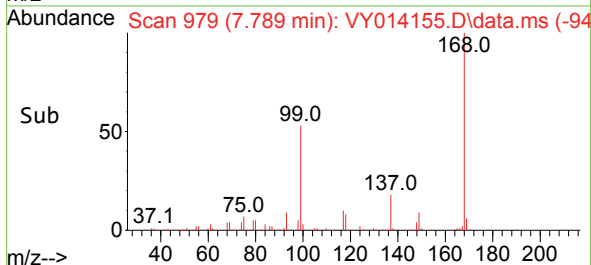
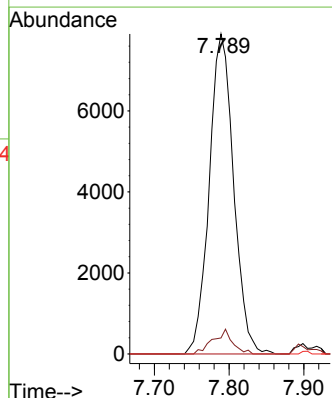
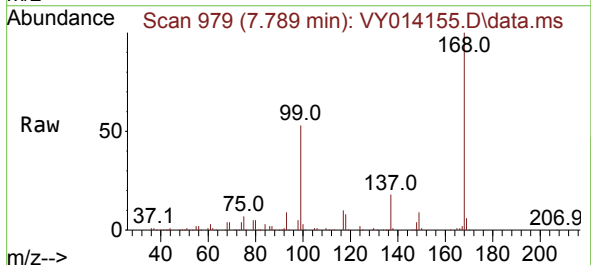
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

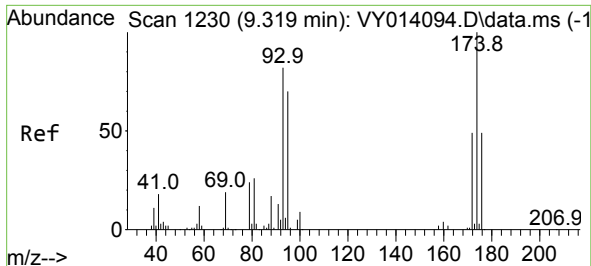
Tgt Ion: 75 Resp: 13640
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.839 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 117 Resp: 17906
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#





#49

1,4-Dioxane

Concen: 1.056 ug/l

RT: 9.118 min Scan# 1197

Delta R.T. -0.201 min

Lab File: VY014155.D

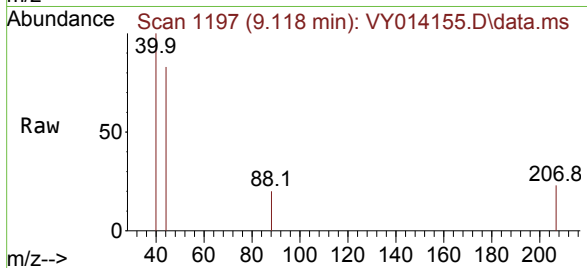
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Instrument :

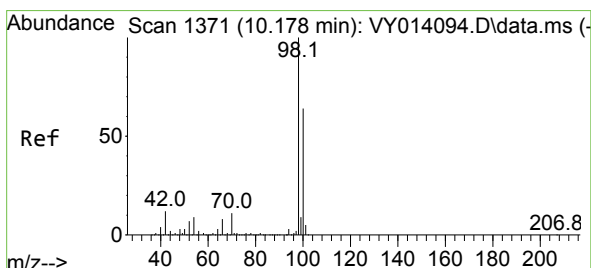
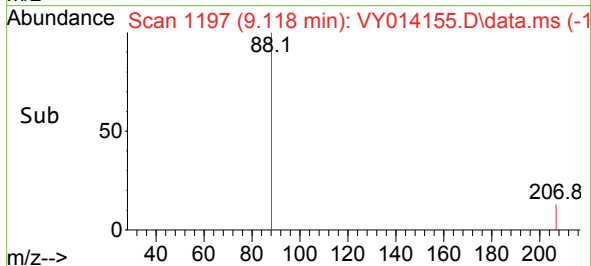
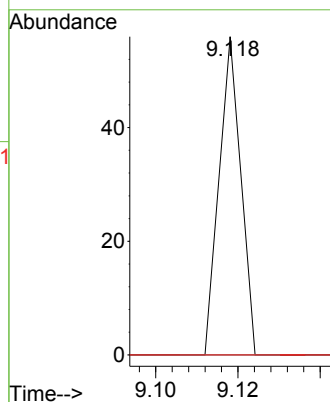
MSVOA_Y

ClientSampleId :

VY0614SBL01



Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	30.9	46.3



#50

Toluene-d8

Concen: 45.945 ug/l

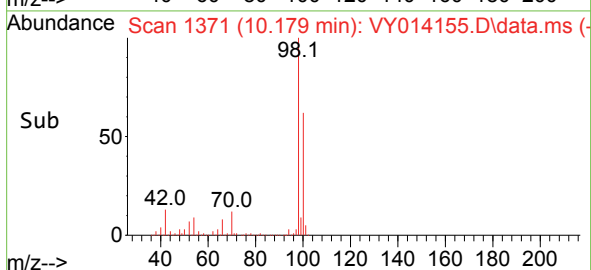
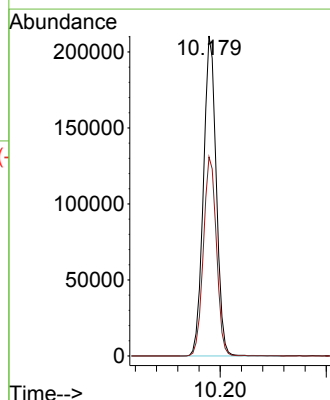
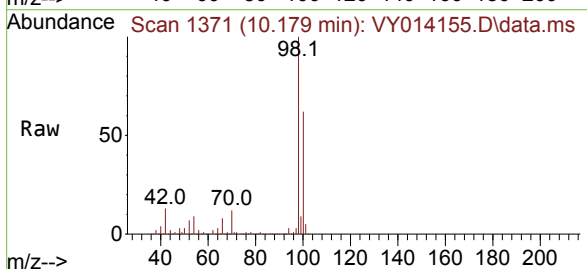
RT: 10.179 min Scan# 1371

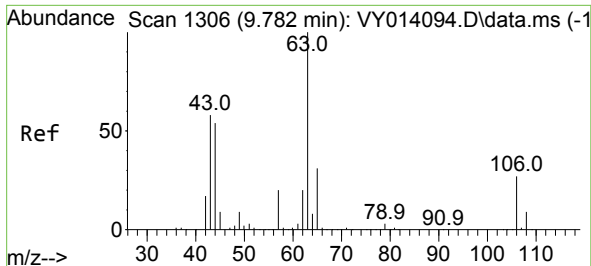
Delta R.T. 0.001 min

Lab File: VY014155.D

Acq: 14 Jun 2023 15:53

Tgt Ion:	98	Resp:	353331
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.1	75.1

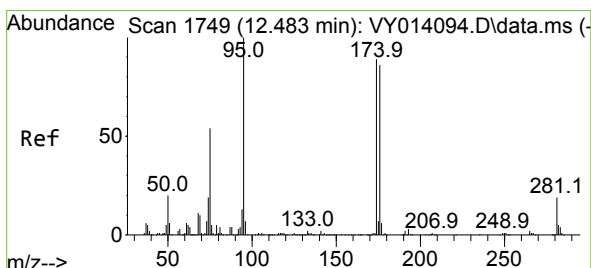
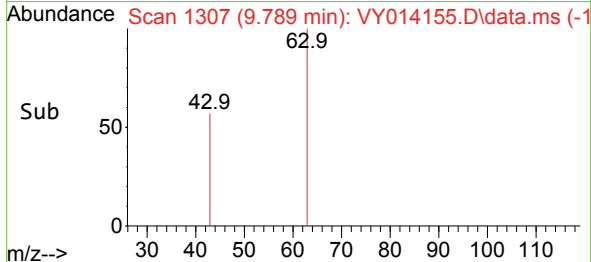
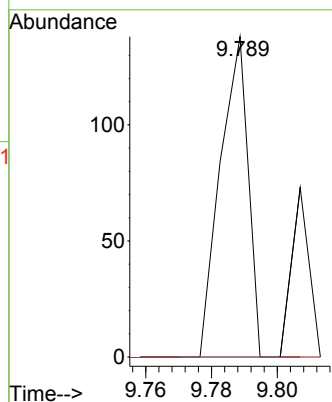
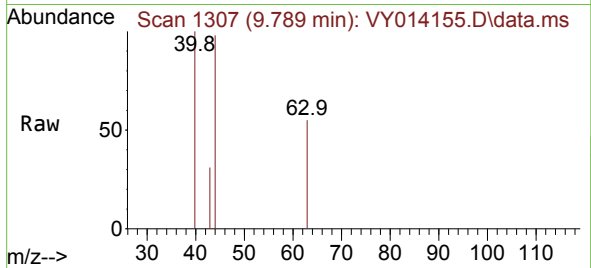




#58
2-Chloroethyl Vinyl ether
Concen: 28.678 ug/l
RT: 9.789 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

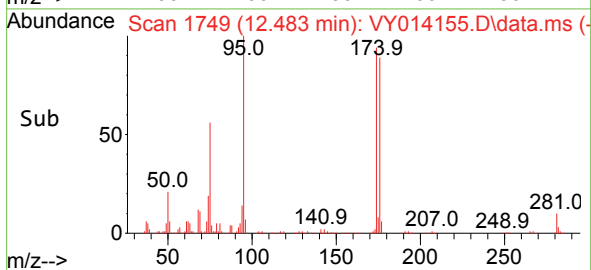
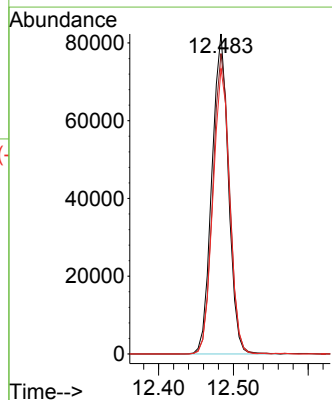
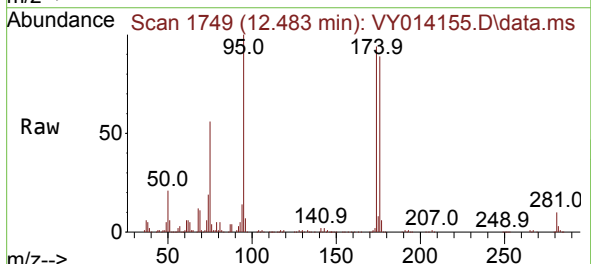
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

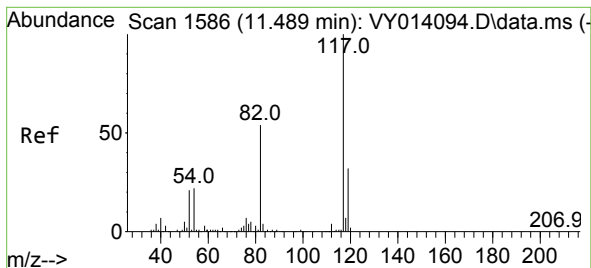
Tgt Ion: 63 Resp: 81
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 46.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 95 Resp: 126739
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 90.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014155.D

Acq: 14 Jun 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBL01

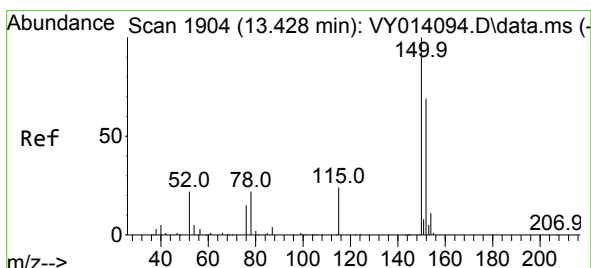
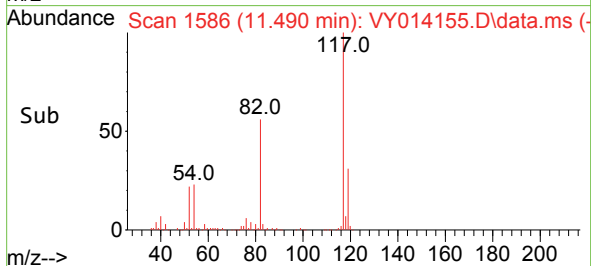
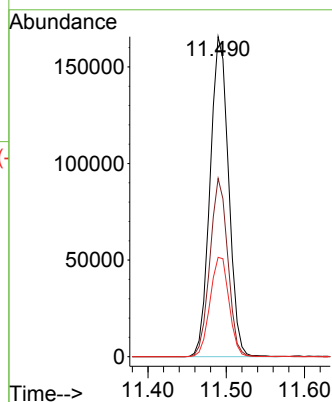
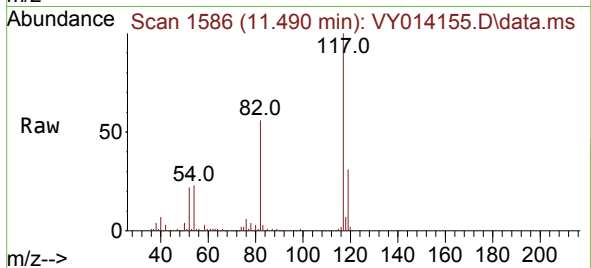
Tgt Ion:117 Resp: 271479

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 31.0 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: VY014155.D

Acq: 14 Jun 2023 15:53

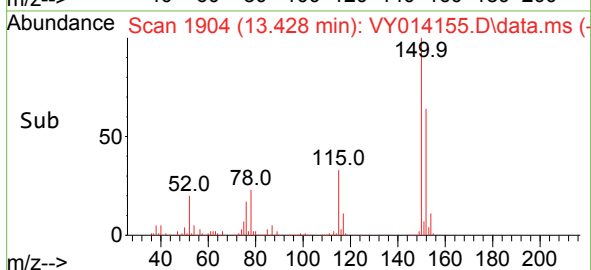
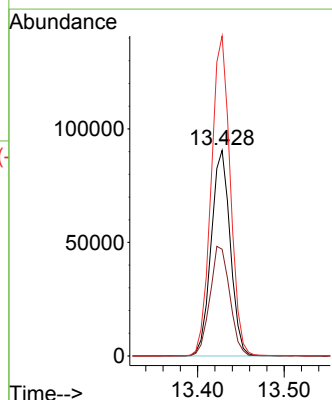
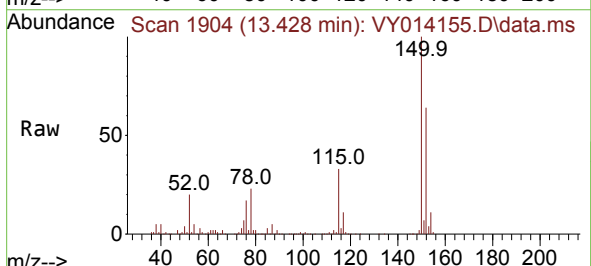
Tgt Ion:152 Resp: 138772

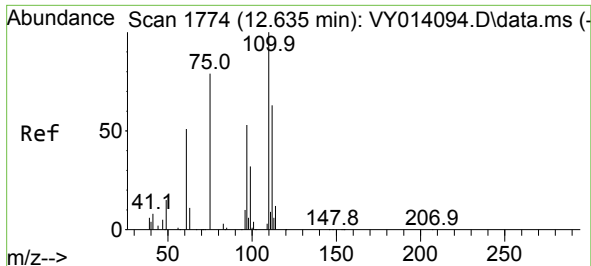
Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 155.4 0.0 348.8

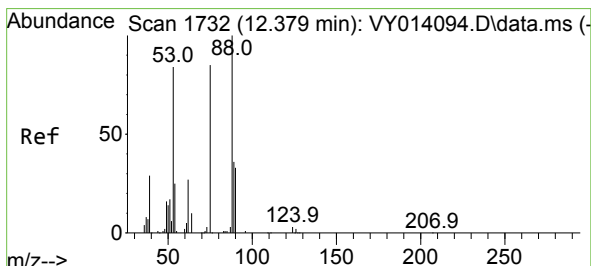
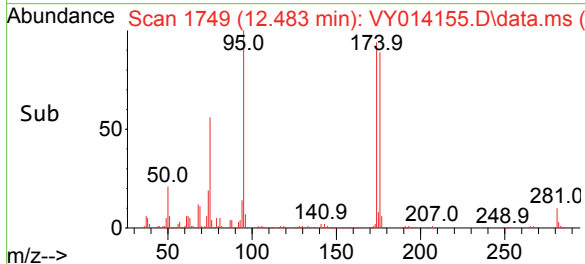
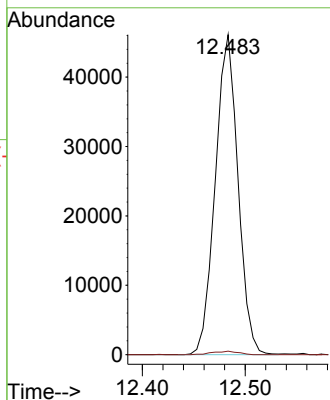
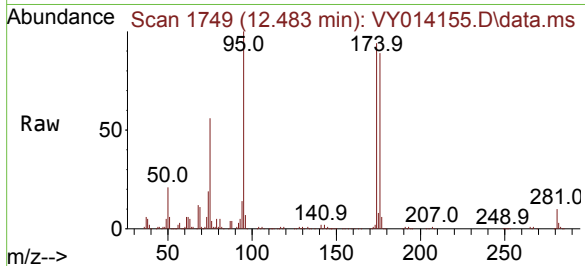




#76
 1,2,3-Trichloropropane
 Concen: 38.813 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY014155.D
 Acq: 14 Jun 2023 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBL01

Tgt Ion: 75 Resp: 70666
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.900 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY014155.D
 Acq: 14 Jun 2023 15:53

Tgt Ion: 75 Resp: 70666
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

