

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014206.D
 Acq On : 16 Jun 2023 16:24
 Operator : KP/MD
 Sample : 03295-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 16 23:22:35 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)

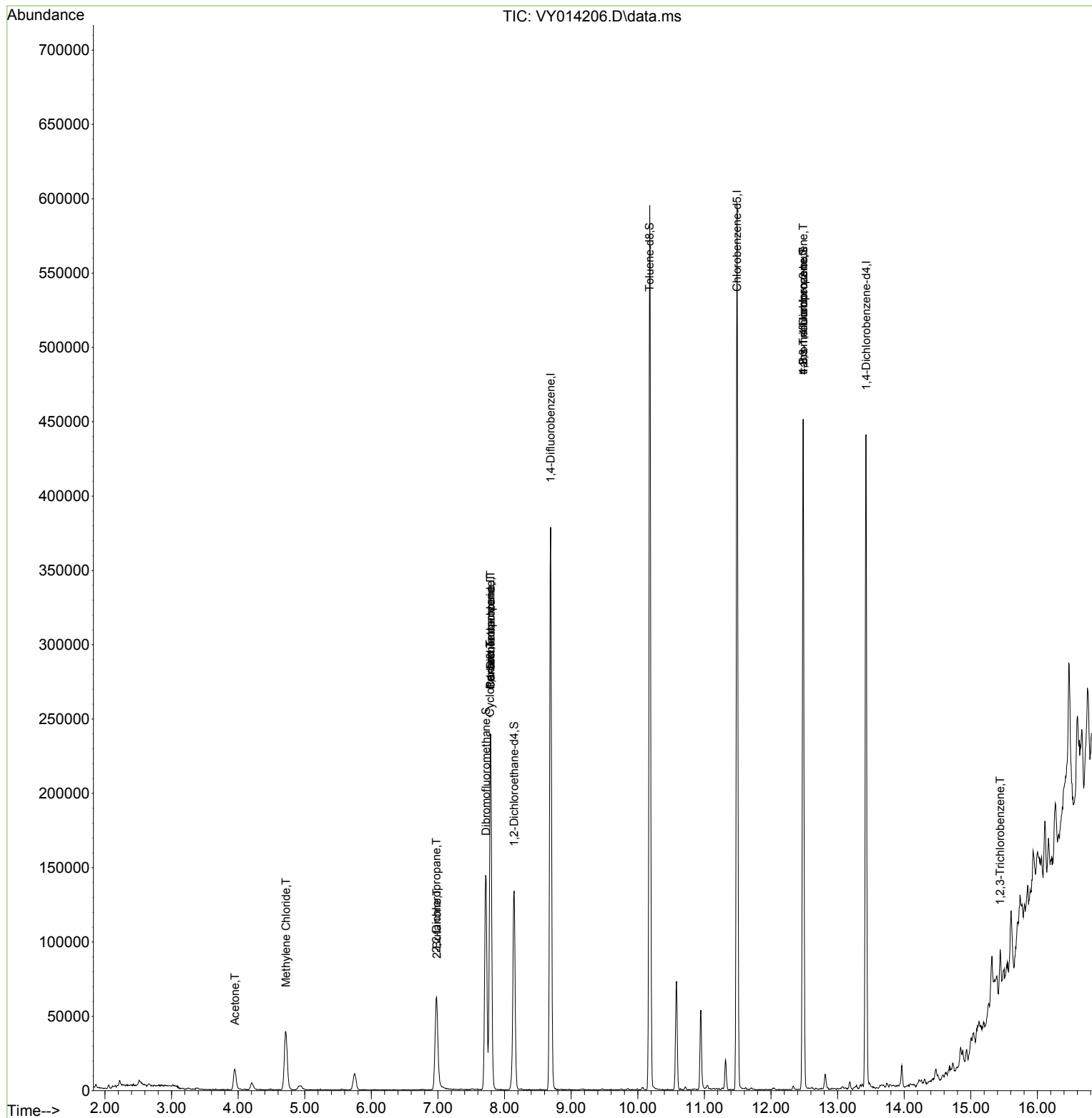
Internal Standards						
1) Pentafluorobenzene	7.789	168	182687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111232	43.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.440%
35) Dibromofluoromethane	7.722	113	99005	44.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.179	98	380607	46.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.480%
62) 4-Bromofluorobenzene	12.483	95	118291	40.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	4095	Below Cal	#	89
13) Acrolein	3.735	56	49	Below Cal	#	14
16) Acetone	3.954	43	25286	32.975	ug/l	93
20) Methylene Chloride	4.716	84	28917	8.862	ug/l	94
25) 2-Butanone	6.984	43	4634	4.909	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	4818	1.229	ug/l #	54
31) Cyclohexane	7.783	56	4193	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14282	4.161	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18408	4.647	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	66715	43.971	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66715	95.048	ug/l #	11
96) 1,2,3-Trichlorobenzene	15.440	180	2362	1.038	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
Data File : VY014206.D
Acq On : 16 Jun 2023 16:24
Operator : KP/MD
Sample : 03295-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Time: Jun 16 23:22:35 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

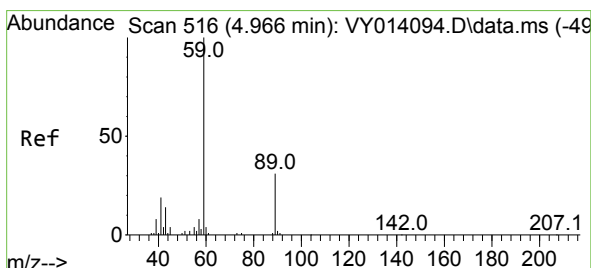
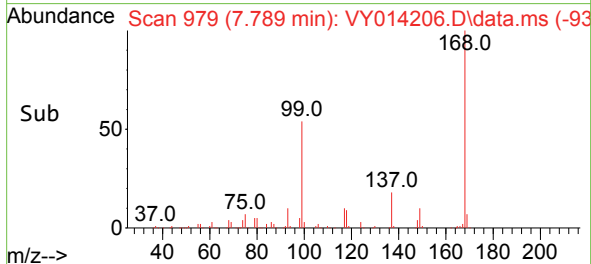
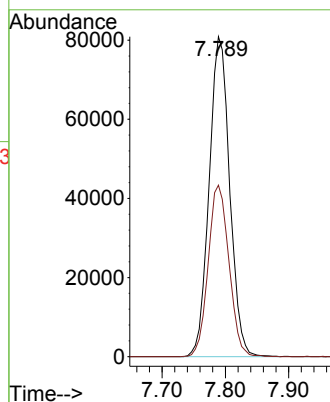
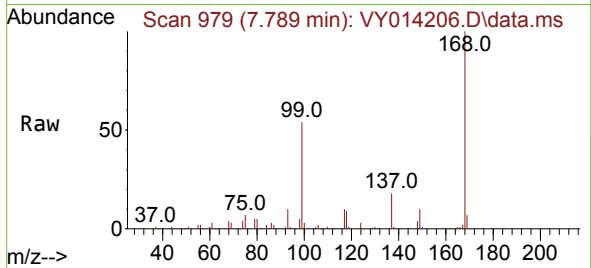




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

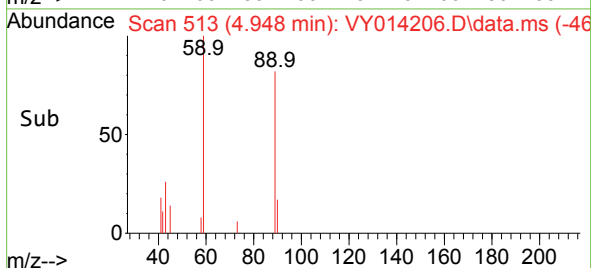
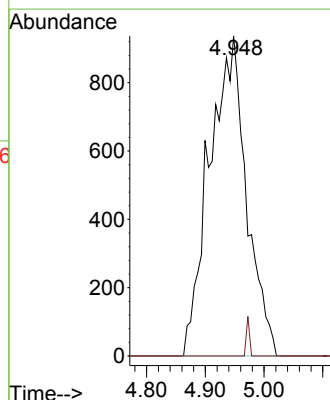
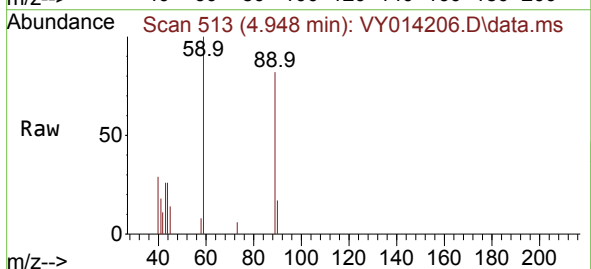
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

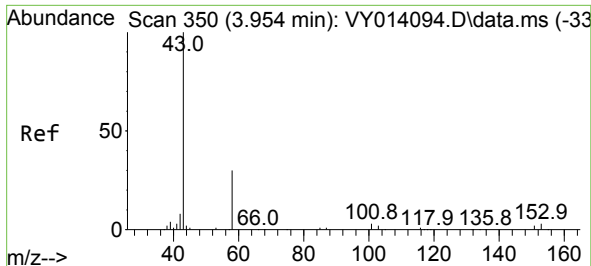
Tgt Ion:168 Resp: 182687
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 59 Resp: 4095
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 32.975 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

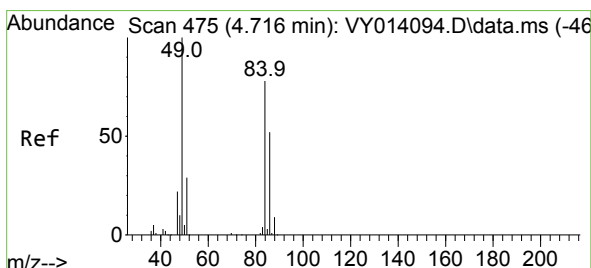
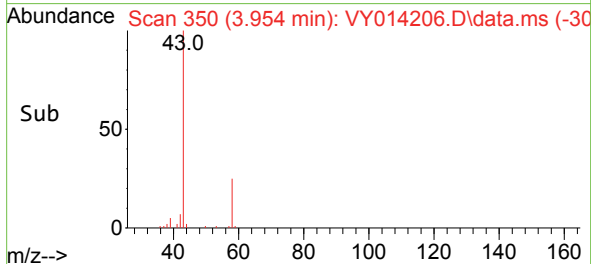
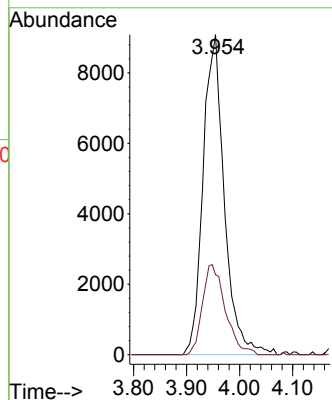
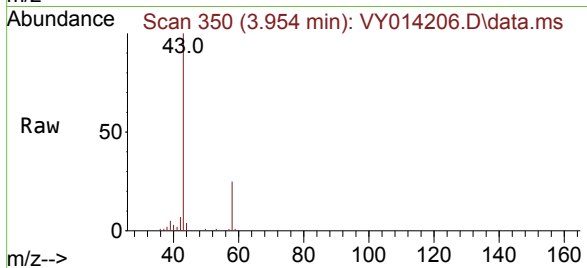
WC-1

Tgt Ion: 43 Resp: 25286

Ion Ratio Lower Upper

43 100

58 24.9 22.7 34.1



#20

Methylene Chloride

Concen: 8.862 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

Tgt Ion: 84 Resp: 28917

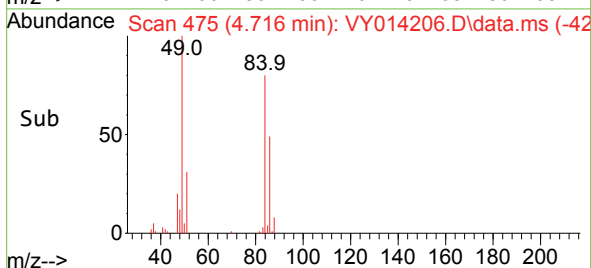
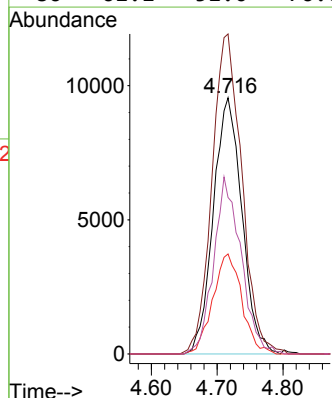
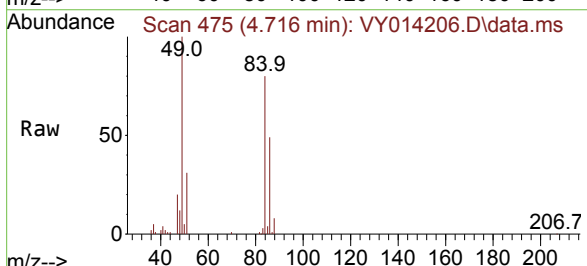
Ion Ratio Lower Upper

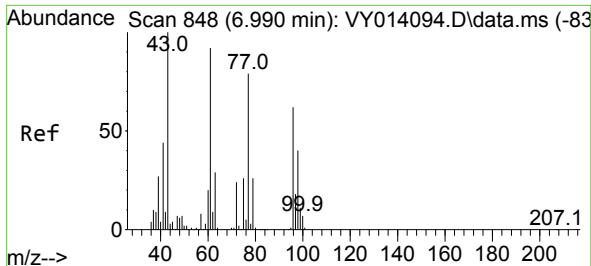
84 100

49 124.9 106.9 160.3

51 39.1 33.2 49.8

86 61.1 51.0 76.6

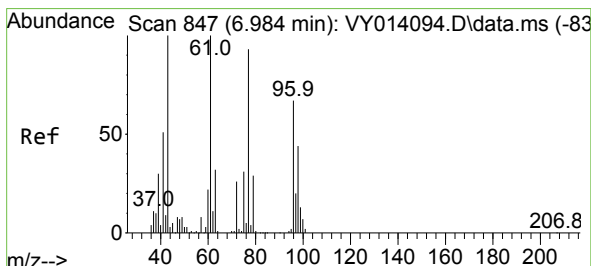
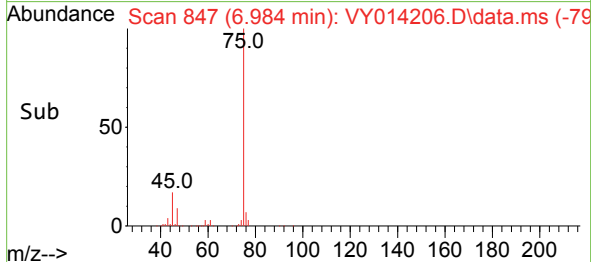
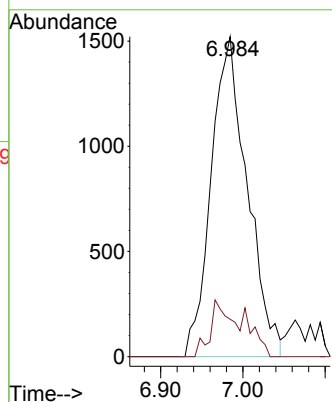
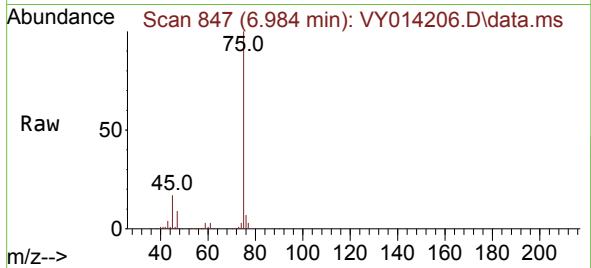




#25
2-Butanone
Concen: 4.909 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

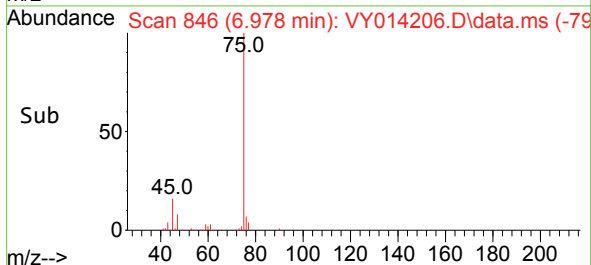
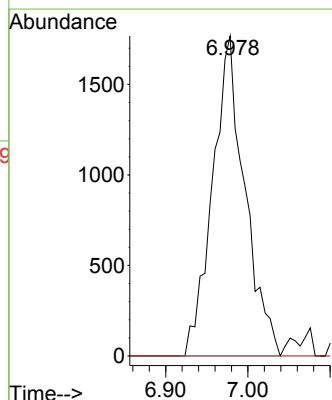
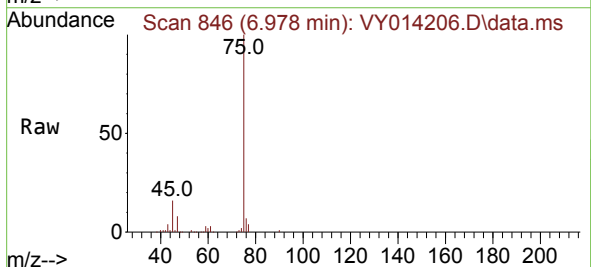
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

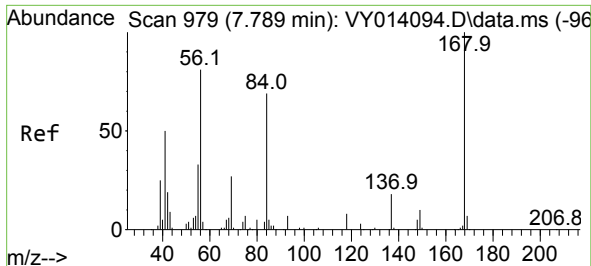
Tgt Ion: 43 Resp: 4634
Ion Ratio Lower Upper
43 100
72 11.7 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.229 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 77 Resp: 4818
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

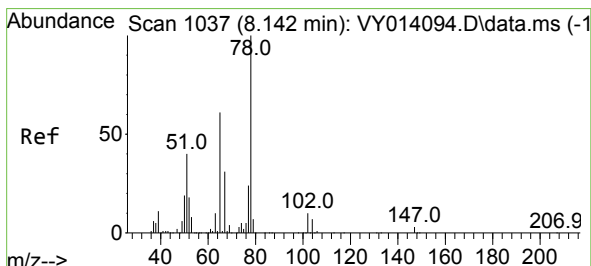
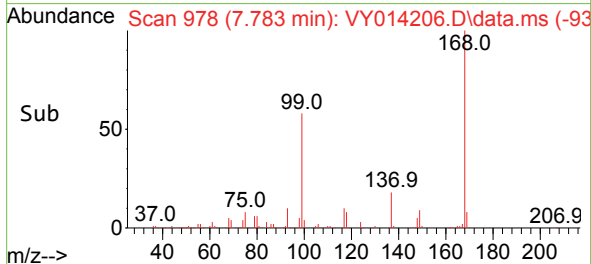
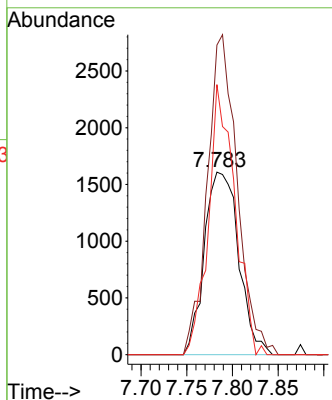
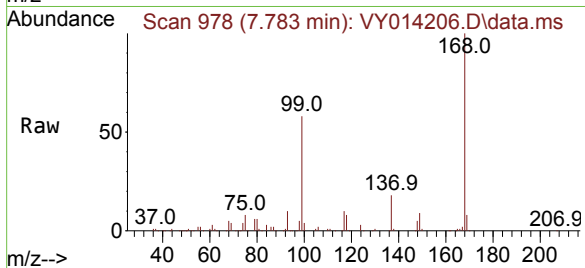




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

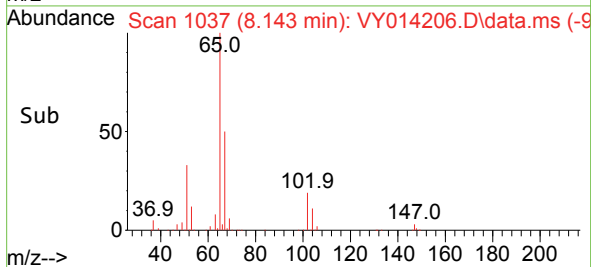
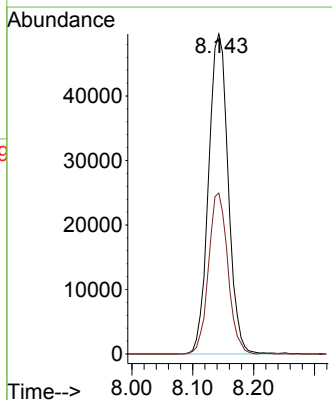
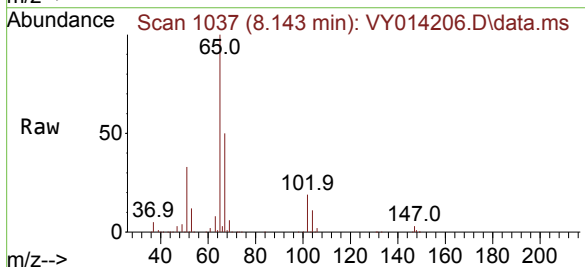
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 56 Resp: 4193
Ion Ratio Lower Upper
56 100
69 169.7 27.8 41.6#
84 148.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 43.724 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 65 Resp: 111232
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

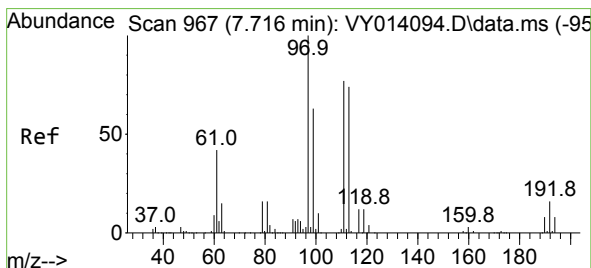
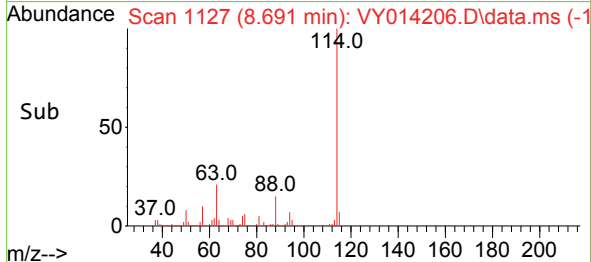
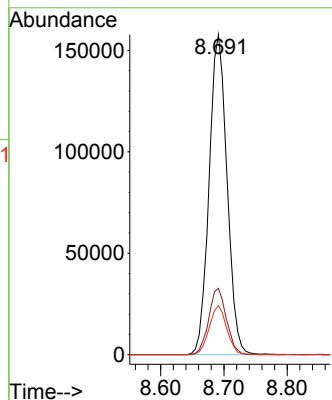
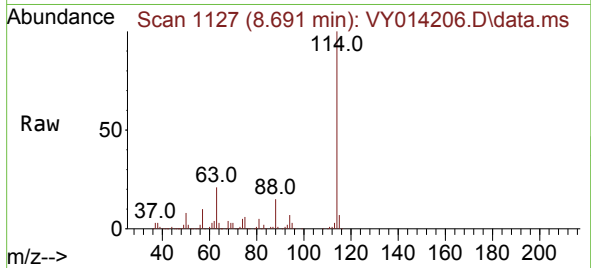




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

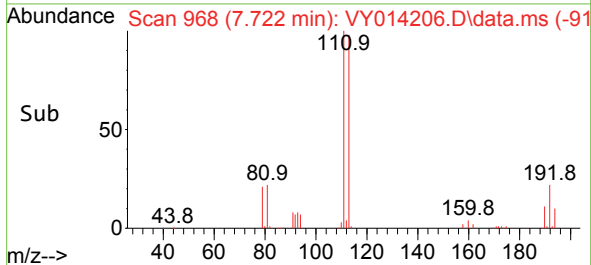
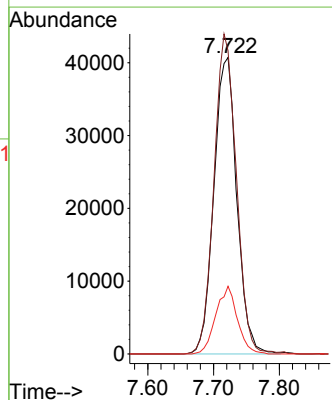
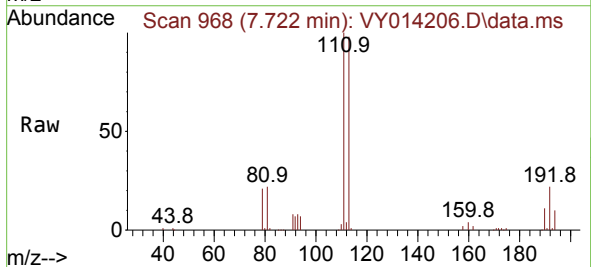
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

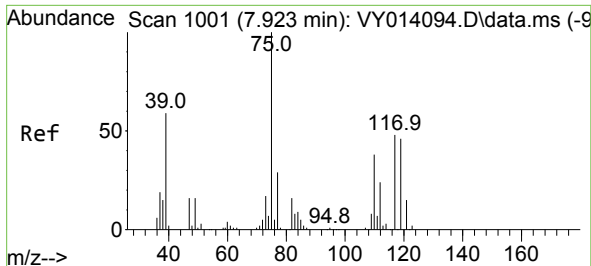
Tgt Ion:114 Resp: 310455
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.968 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion:113 Resp: 99005
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 21.4 16.9 25.3

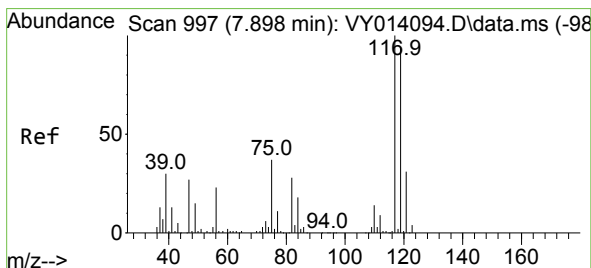
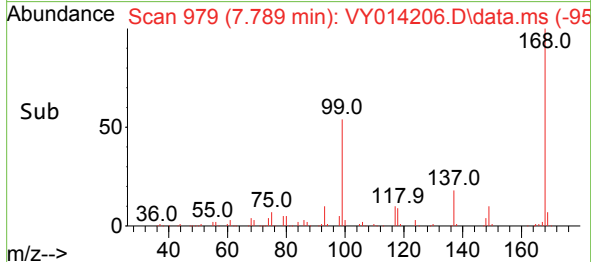
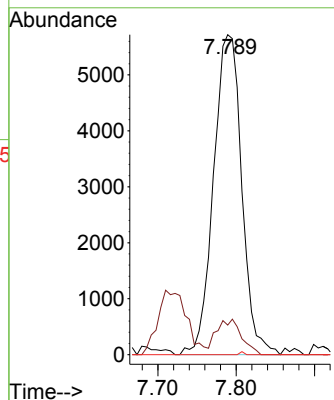
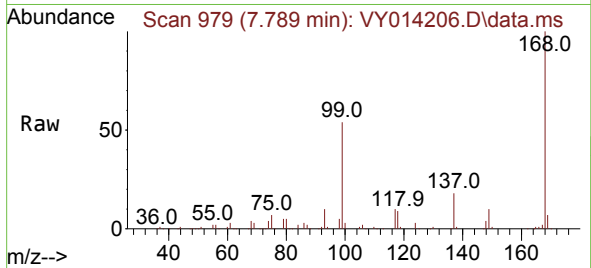




#36
 1,1-Dichloropropene
 Concen: 4.161 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY014206.D
 Acq: 16 Jun 2023 16:24

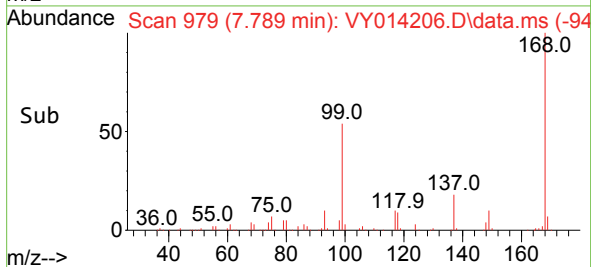
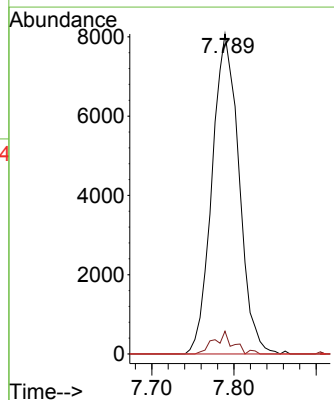
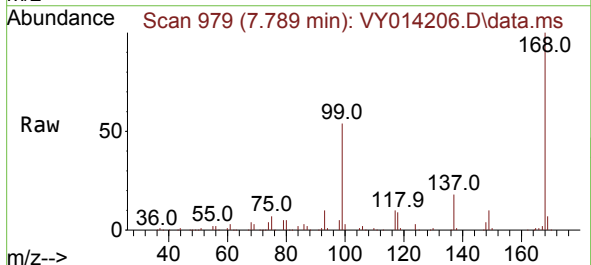
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

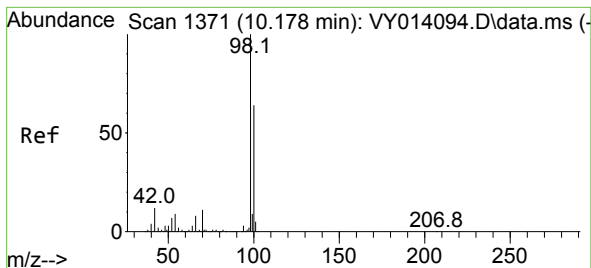
Tgt Ion: 75 Resp: 14282
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.8 53.5#
 77 0.1 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.647 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY014206.D
 Acq: 16 Jun 2023 16:24

Tgt Ion: 117 Resp: 18408
 Ion Ratio Lower Upper
 117 100
 119 7.1 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

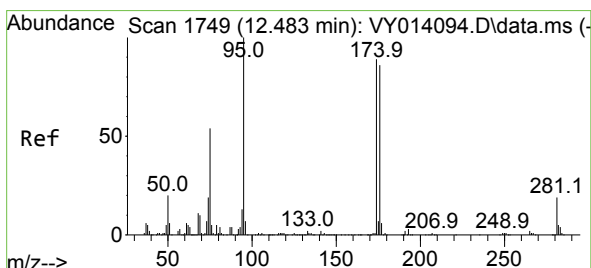
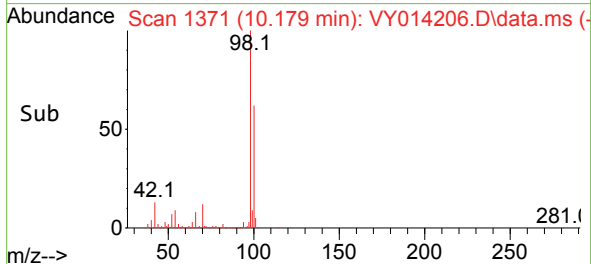
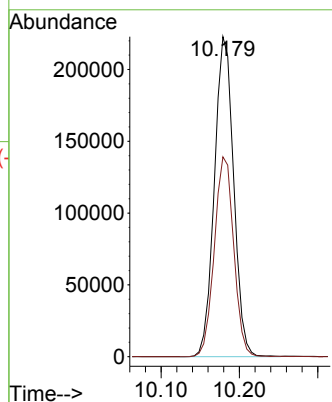
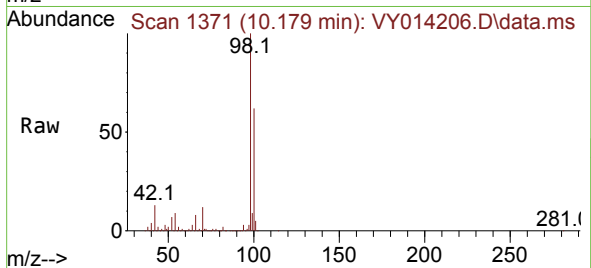
WC-1

Tgt Ion: 98 Resp: 380607

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.456 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014206.D

Acq: 16 Jun 2023 16:24

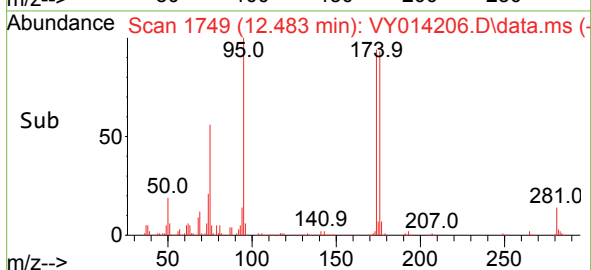
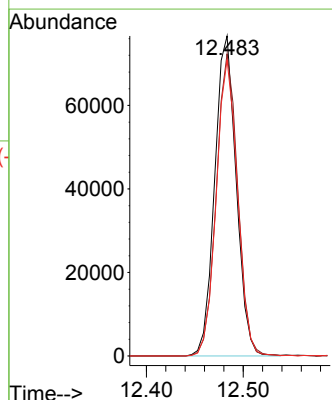
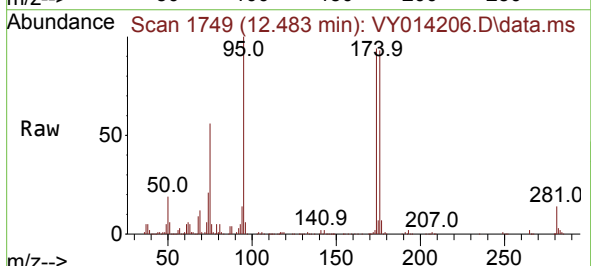
Tgt Ion: 95 Resp: 118291

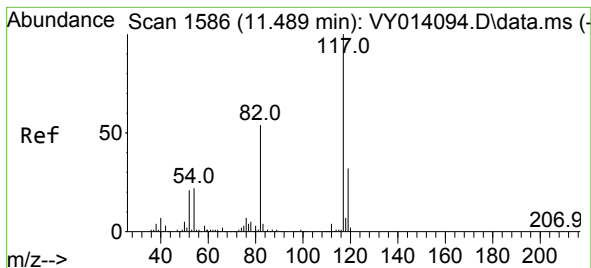
Ion Ratio Lower Upper

95 100

174 94.2 0.0 178.2

176 91.5 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: VY014206.D

Acq: 16 Jun 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

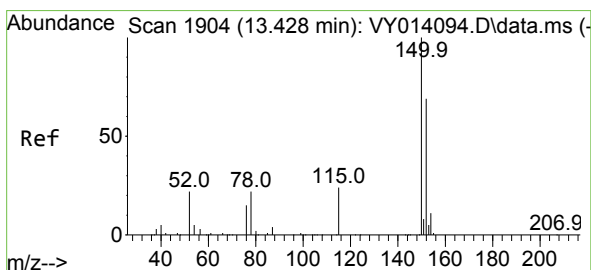
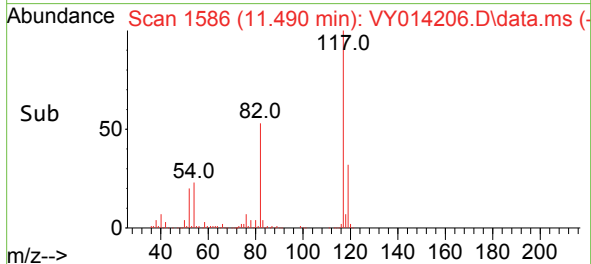
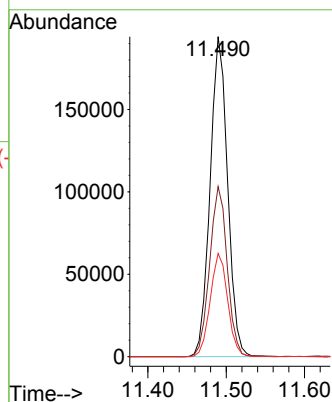
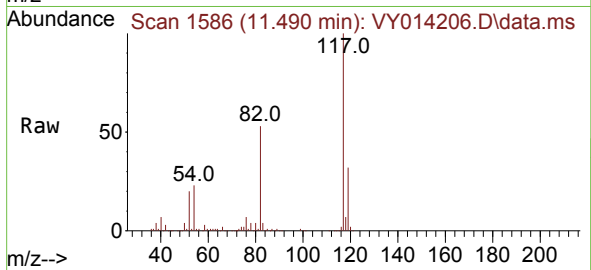
Tgt Ion:117 Resp: 301012

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.3 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: VY014206.D

Acq: 16 Jun 2023 16:24

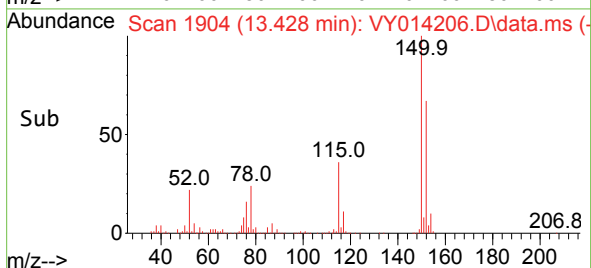
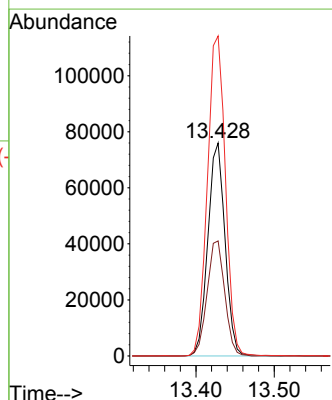
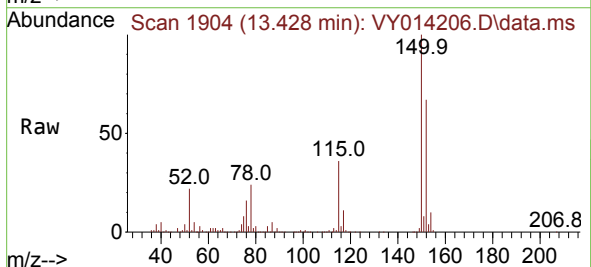
Tgt Ion:152 Resp: 115647

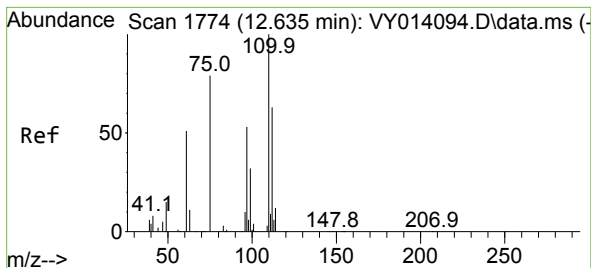
Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 157.4 0.0 348.8

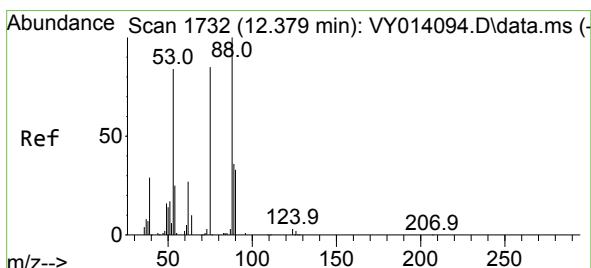
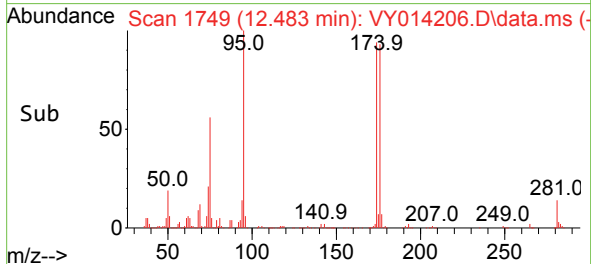
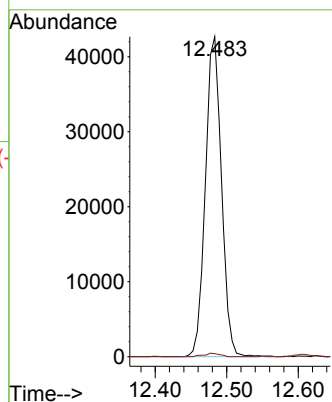
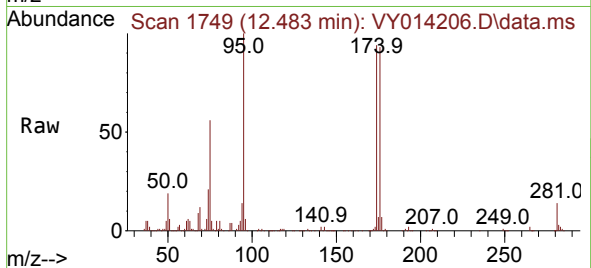




#76
1,2,3-Trichloropropane
Concen: 43.971 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

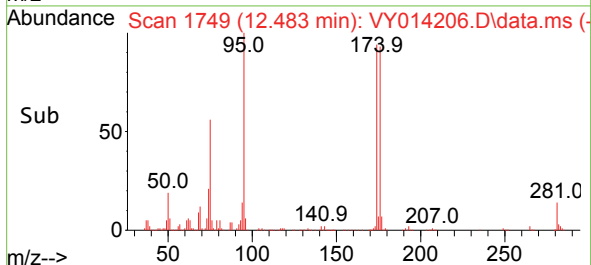
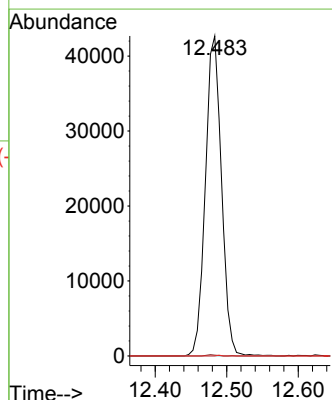
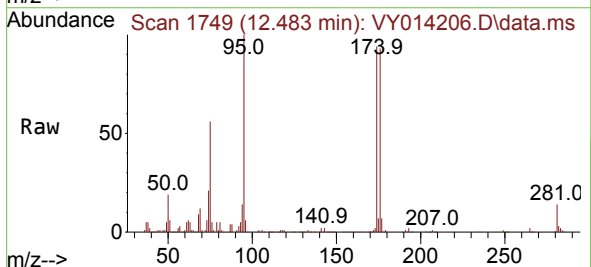
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

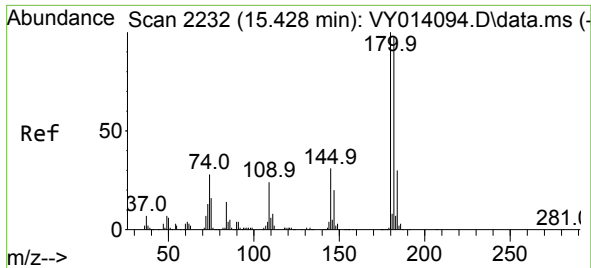
Tgt Ion: 75 Resp: 66715
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014206.D
Acq: 16 Jun 2023 16:24

Tgt Ion: 75 Resp: 66715
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.038 ug/l
 RT: 15.440 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY014206.D
 Acq: 16 Jun 2023 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	0.0	15.4	46.2#

