

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014912.D
 Acq On : 28 Jul 2023 16:32
 Operator : SY/MD
 Sample : 03812-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 29 03:08:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

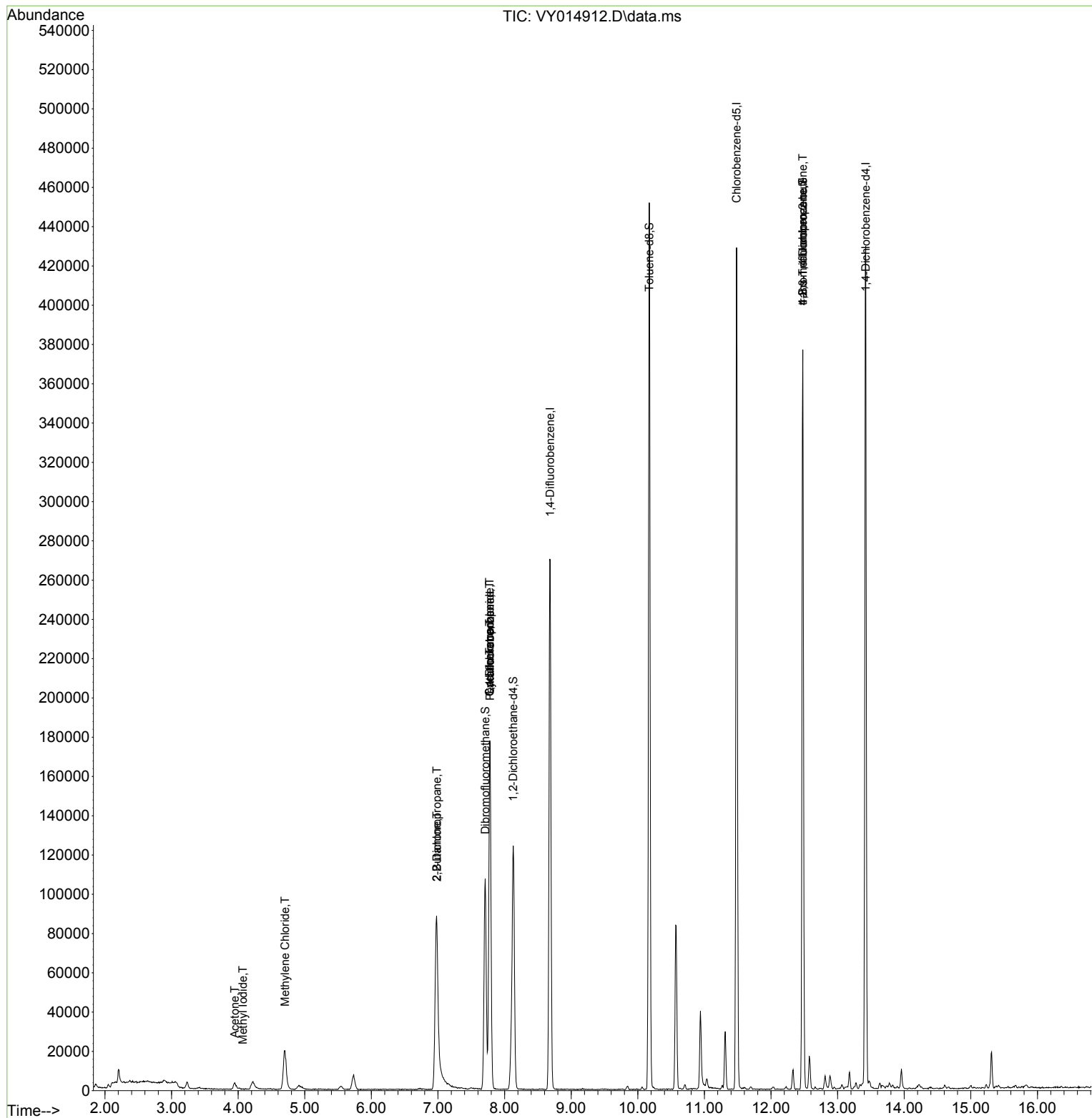
Internal Standards						
1) Pentafluorobenzene	7.783	168	136179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	230892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87699	56.514	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 113.020%		
35) Dibromofluoromethane	7.710	113	74889	49.037	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.080%		
50) Toluene-d8	10.172	98	284952	50.609	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.220%		
62) 4-Bromofluorobenzene	12.477	95	105042	48.655	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 97.300%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.070	142	19	2.381	ug/l #	38
11) Tert butyl alcohol	4.960	59	1600	Below Cal	#	97
16) Acetone	3.948	43	6153	12.512	ug/l #	87
20) Methylene Chloride	4.704	84	15278	5.834	ug/l	87
25) 2-Butanone	6.984	43	6186	8.599	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	7385	2.798	ug/l #	54
31) Cyclohexane	7.777	56	3103	1.205	ug/l #	10
36) 1,1-Dichloropropene	7.777	75	10528	4.610	ug/l #	51
38) Carbon Tetrachloride	7.777	117	13412	5.555	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	57193	40.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	57193	79.271	ug/l #	11

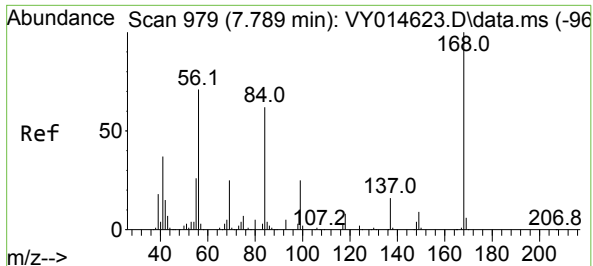
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
Data File : VY014912.D
Acq On : 28 Jul 2023 16:32
Operator : SY/MD
Sample : 03812-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Time: Jul 29 03:08:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

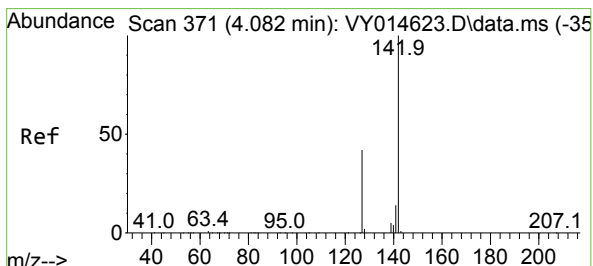
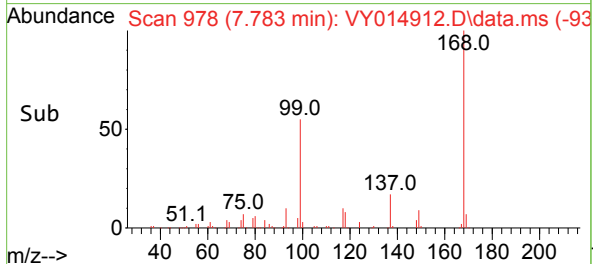
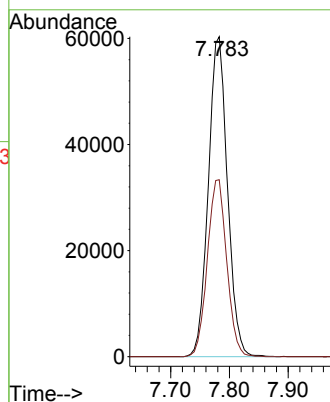
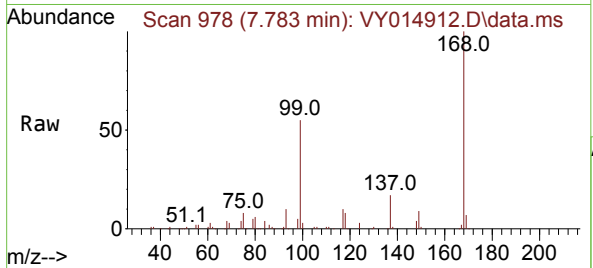




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

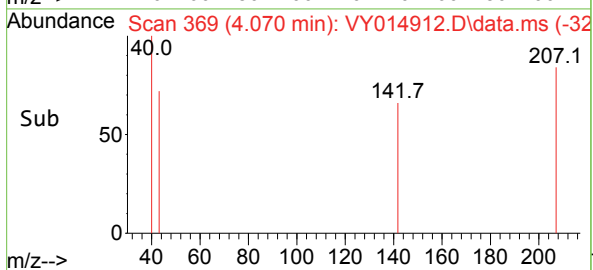
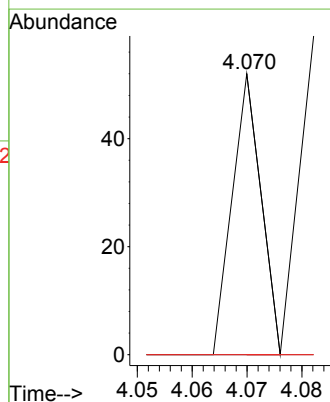
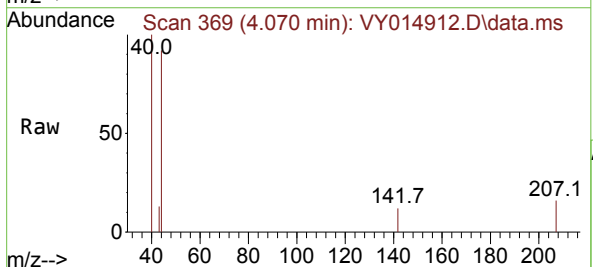
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 136179
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.381 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.012 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 12.512 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

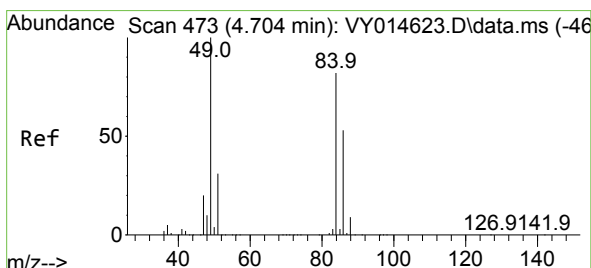
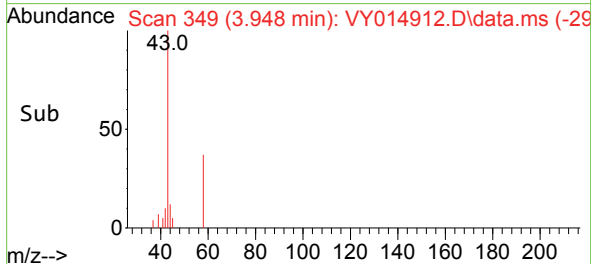
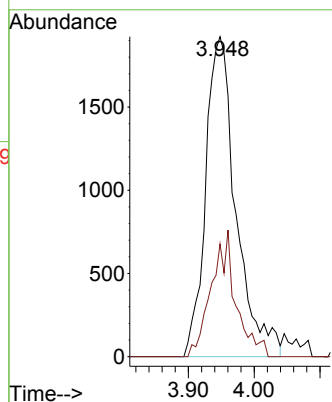
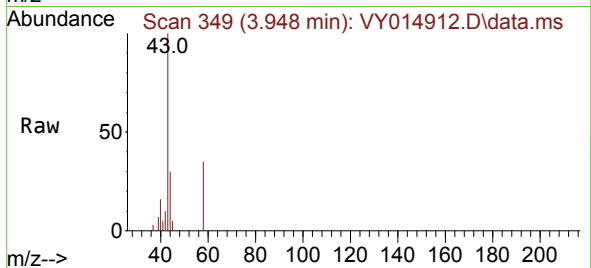
WC-1

Tgt Ion: 43 Resp: 6153

Ion Ratio Lower Upper

43 100

58 35.3 22.7 34.1#



#20

Methylene Chloride

Concen: 5.834 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Tgt Ion: 84 Resp: 15278

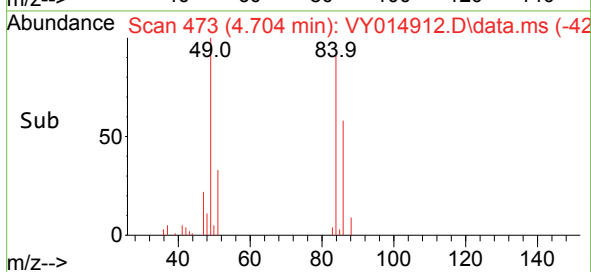
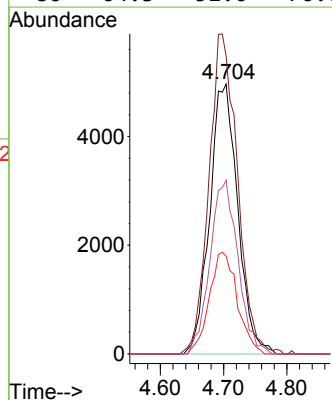
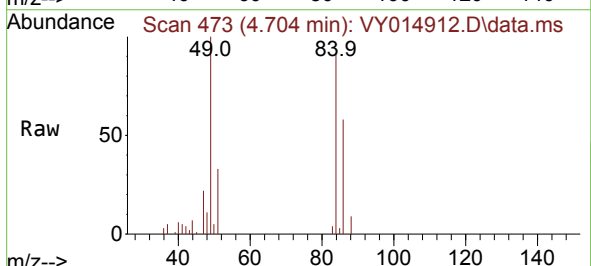
Ion Ratio Lower Upper

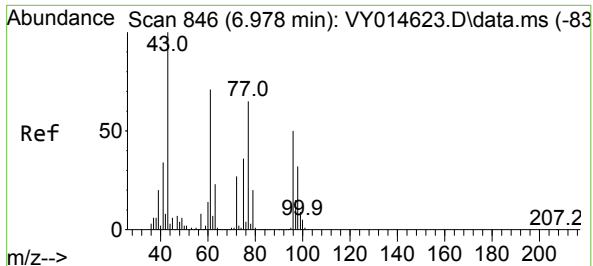
84 100

49 110.4 106.9 160.3

51 36.2 33.2 49.8

86 64.3 51.0 76.6





#25

2-Butanone

Concen: 8.599 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

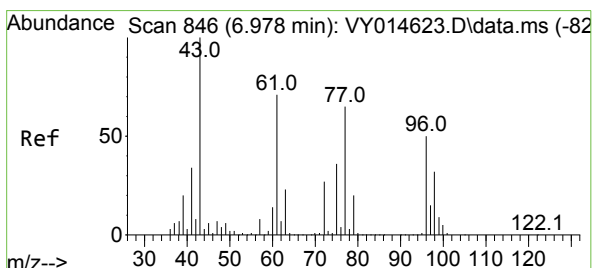
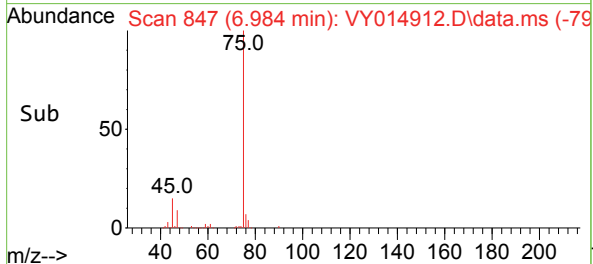
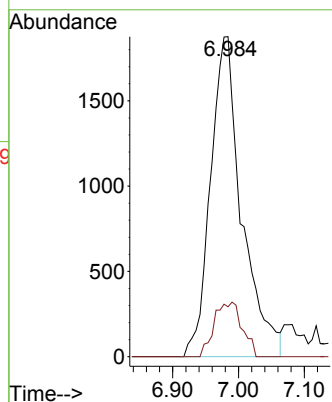
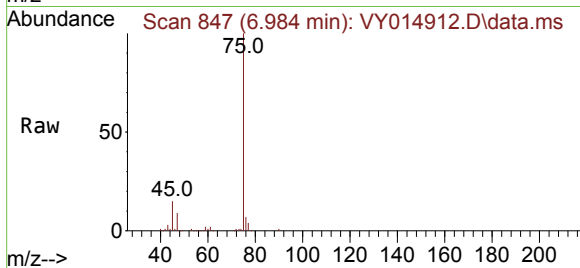
WC-1

Tgt Ion: 43 Resp: 6186

Ion Ratio Lower Upper

43 100

72 15.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.798 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014912.D

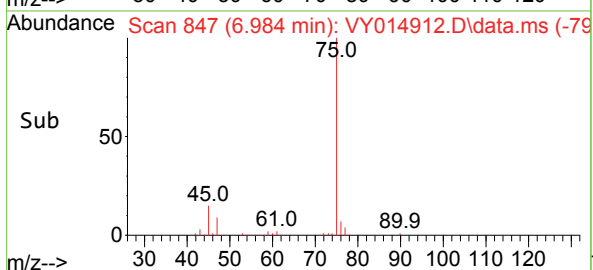
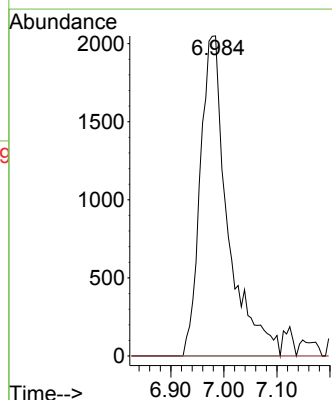
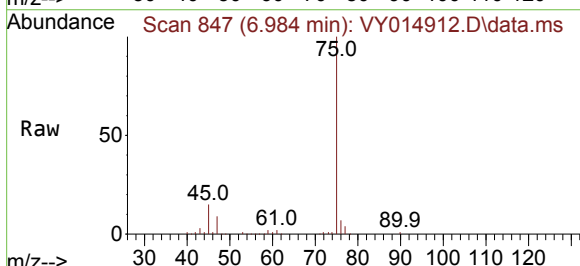
Acq: 28 Jul 2023 16:32

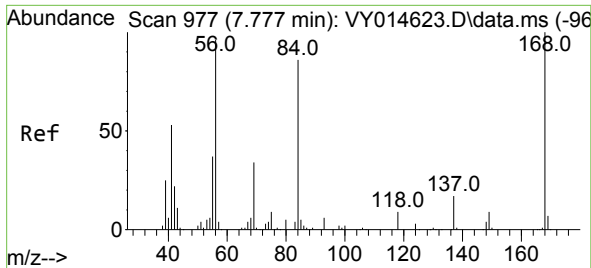
Tgt Ion: 77 Resp: 7385

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

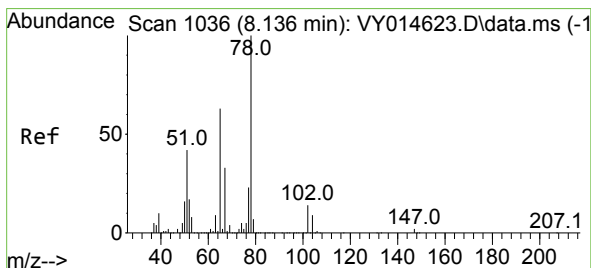
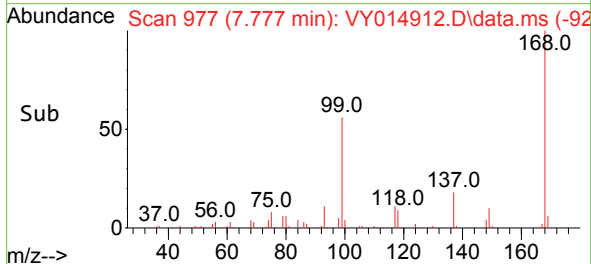
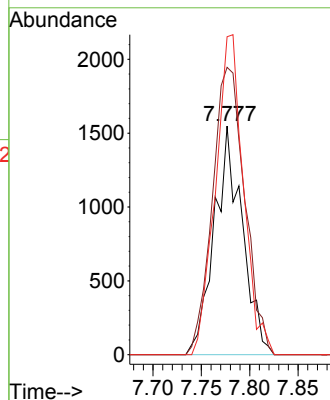
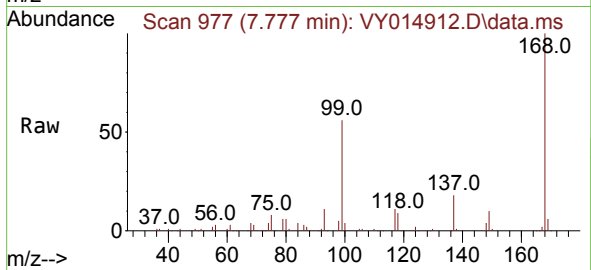




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

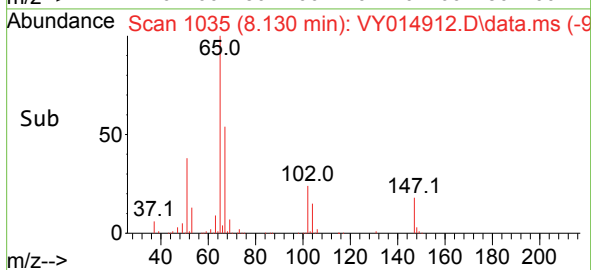
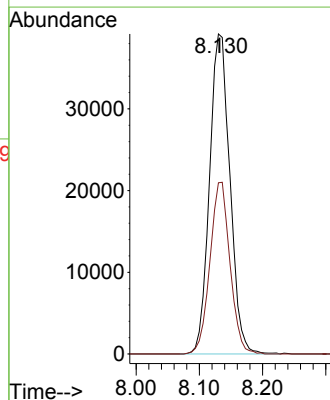
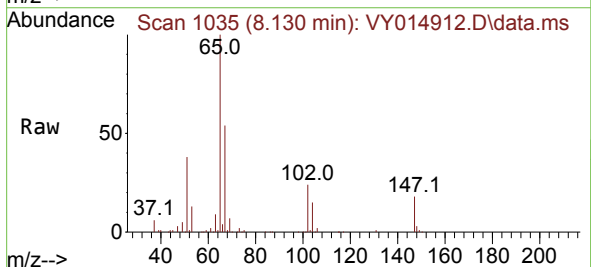
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

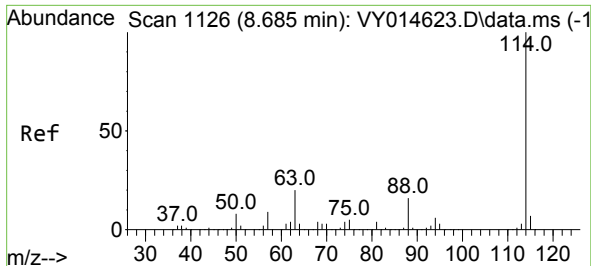
Tgt Ion: 56 Resp: 3103
Ion Ratio Lower Upper
56 100
69 125.7 27.8 41.6#
84 139.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.514 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 65 Resp: 87699
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

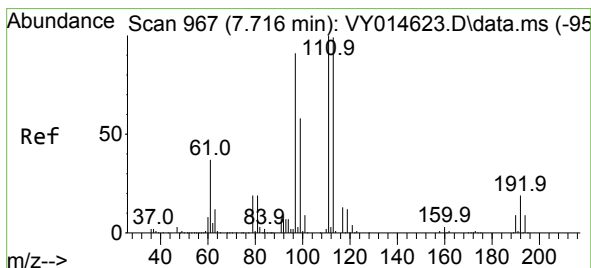
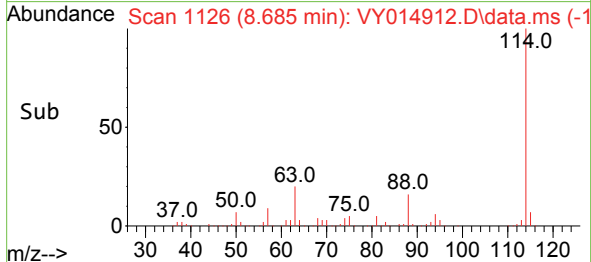
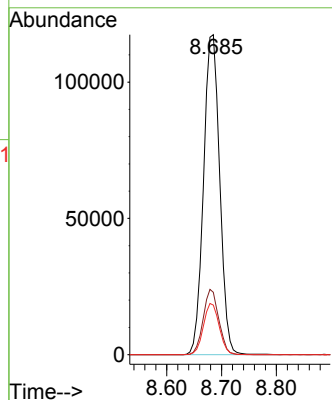
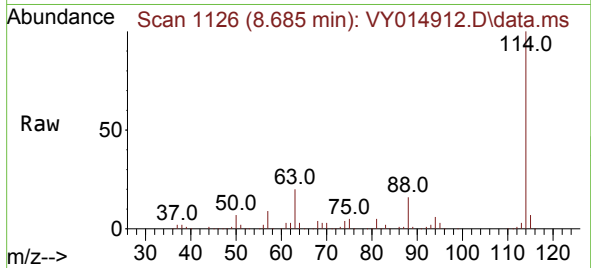




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

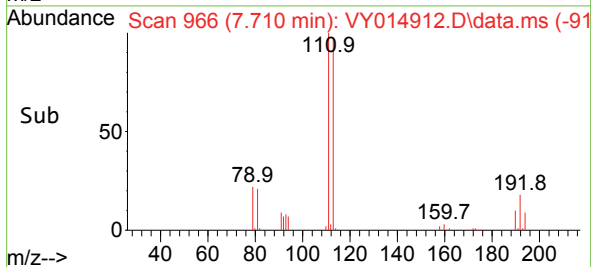
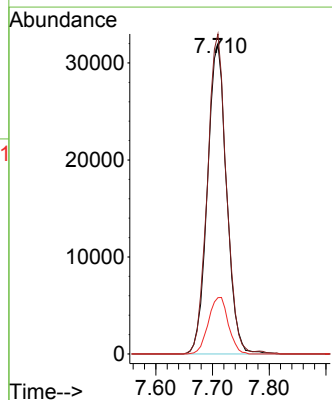
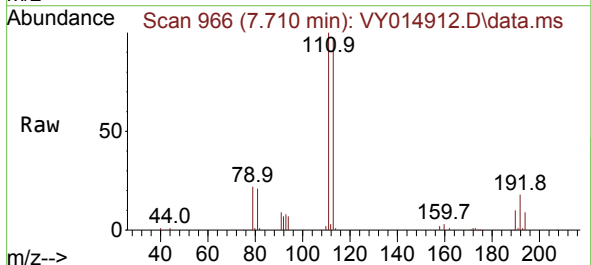
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:114 Resp: 239908
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion:113 Resp: 74889
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.0 16.9 25.3

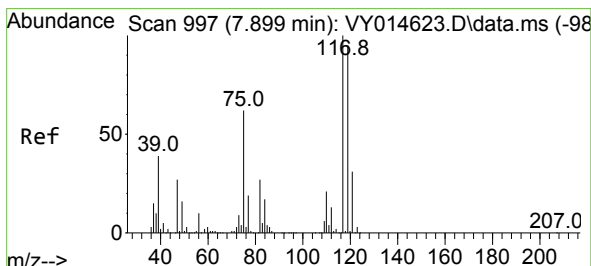
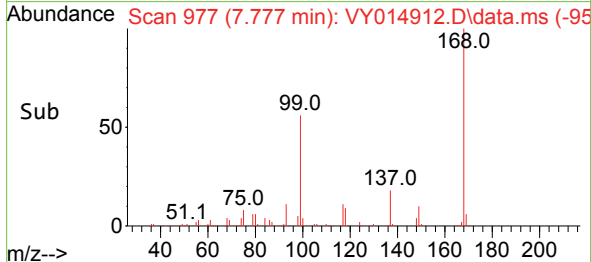
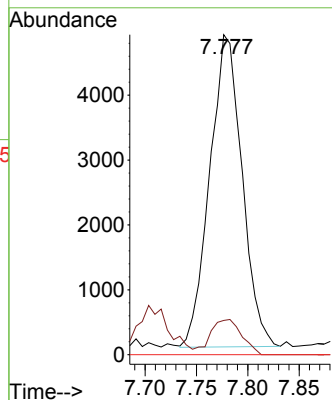
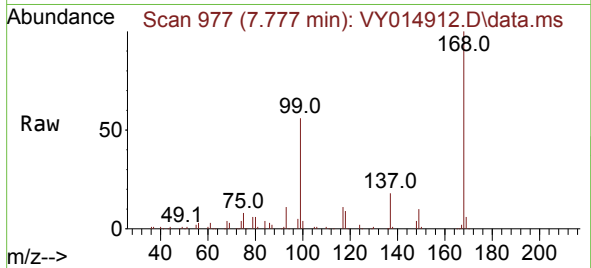




#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

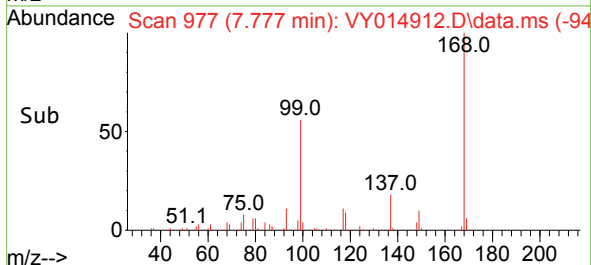
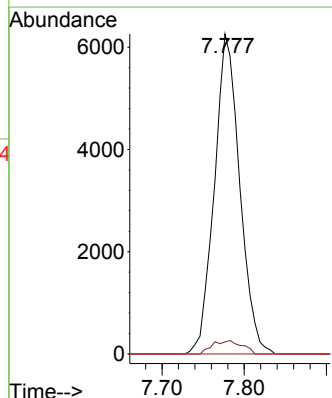
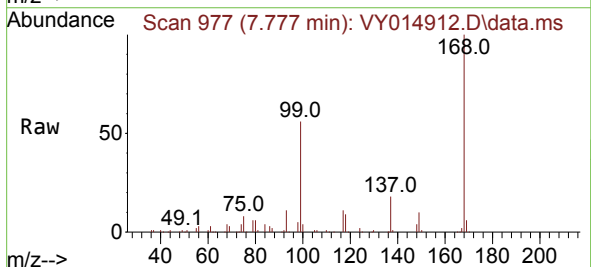
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

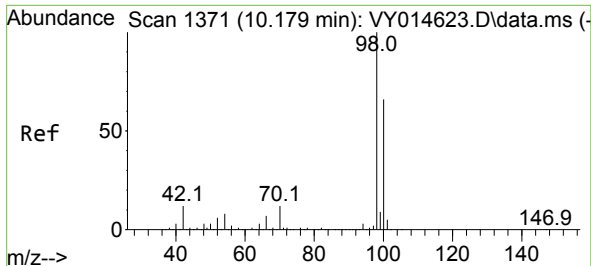
Tgt Ion: 75 Resp: 10528
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 117 Resp: 13412
Ion Ratio Lower Upper
117 100
119 3.7 76.4 114.6#
121 0.0 25.8 38.6#

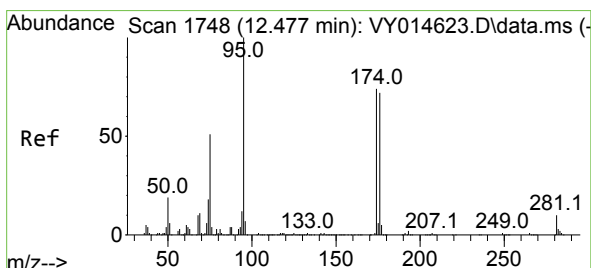
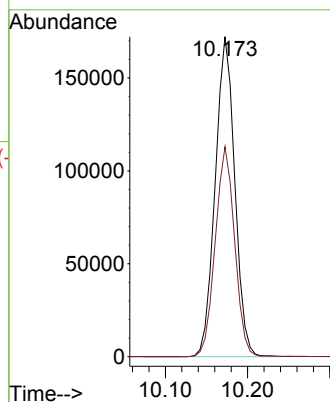
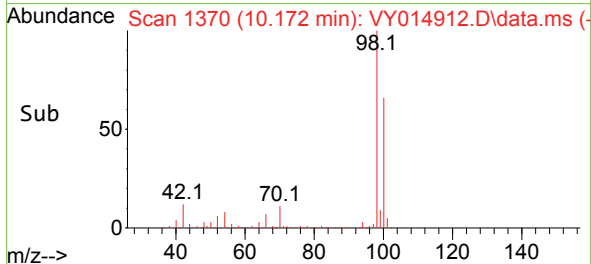
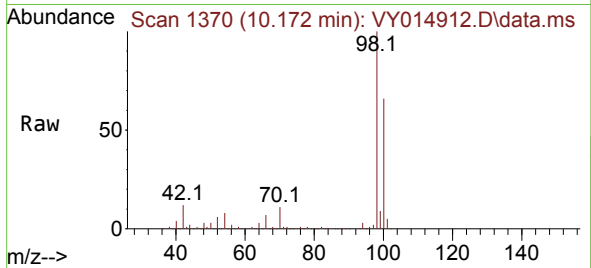




#50
Toluene-d8
Concen: 50.609 ug/l
RT: 10.172 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

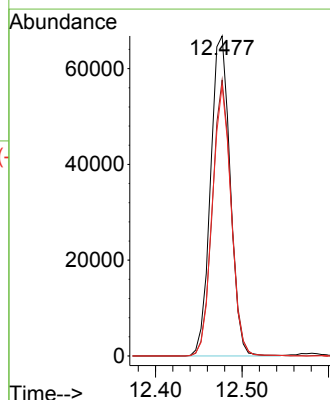
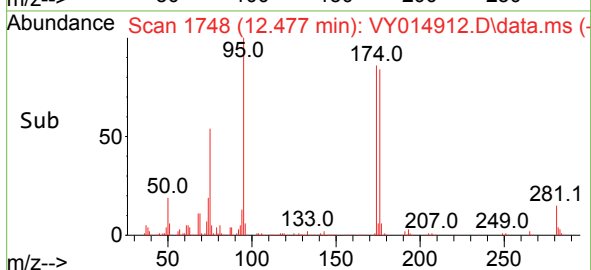
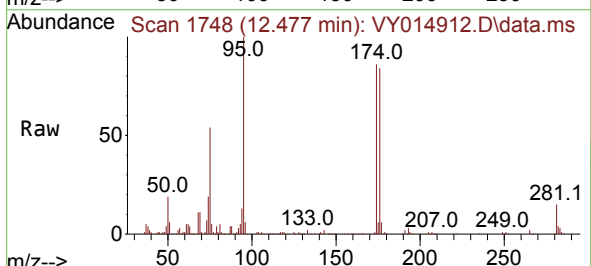
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

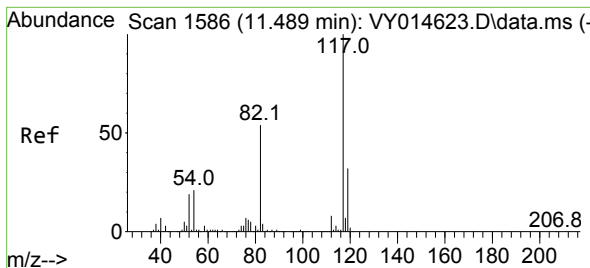
Tgt Ion: 98 Resp: 284952
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.655 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014912.D
Acq: 28 Jul 2023 16:32

Tgt Ion: 95 Resp: 105042
Ion Ratio Lower Upper
95 100
174 82.6 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

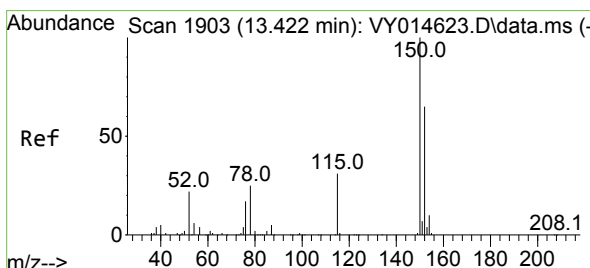
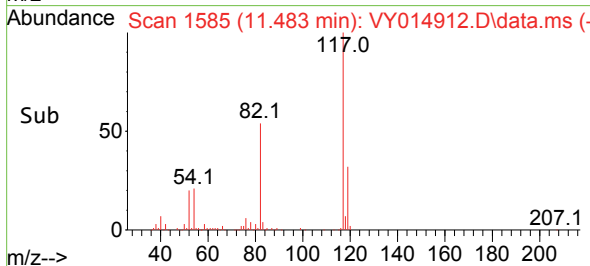
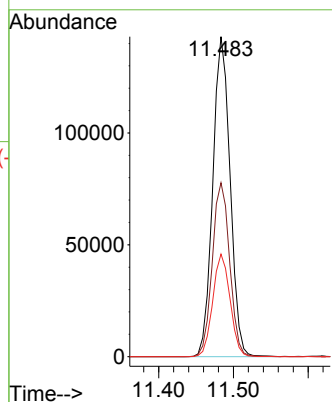
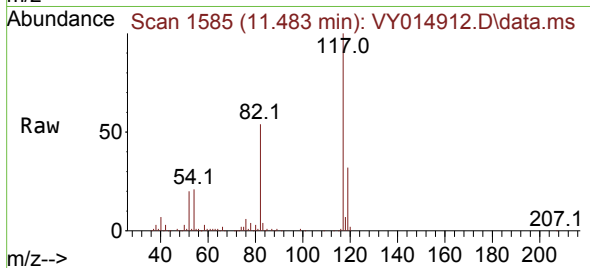
Tgt Ion:117 Resp: 230892

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

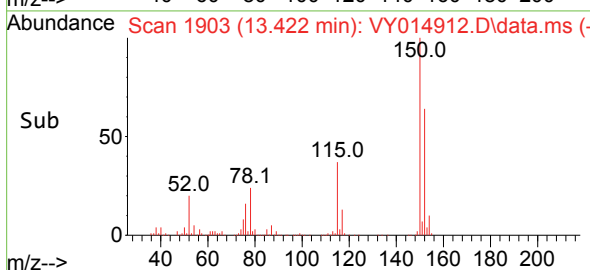
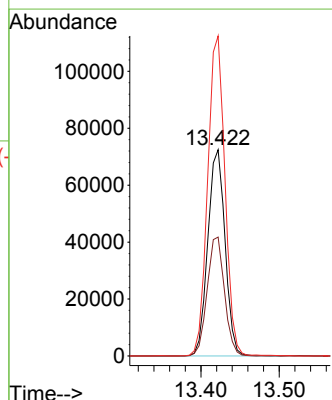
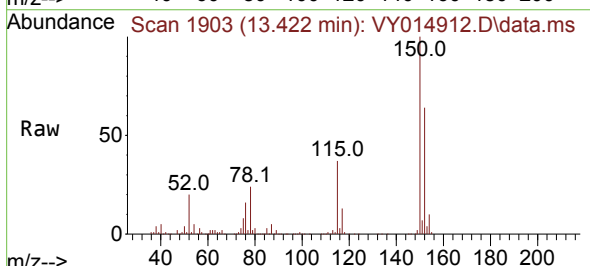
Tgt Ion:152 Resp: 110606

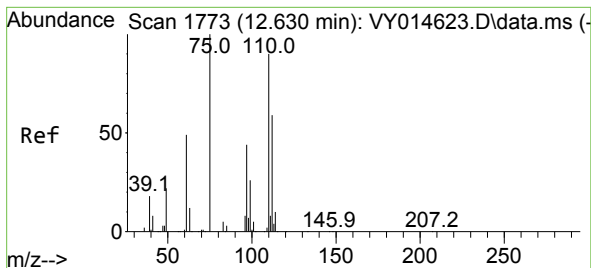
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 155.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 40.942 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Instrument :

MSVOA_Y

ClientSampleId :

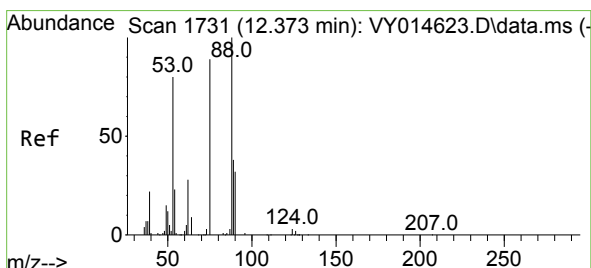
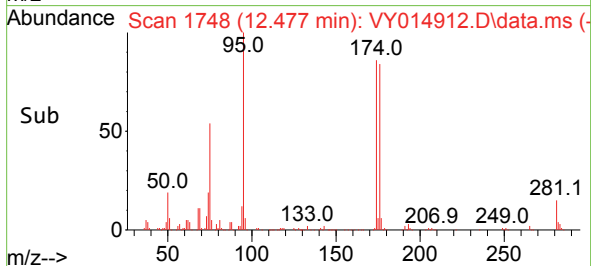
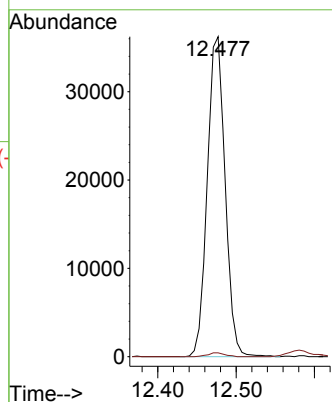
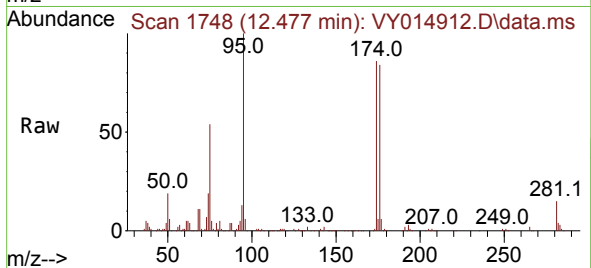
WC-1

Tgt Ion: 75 Resp: 57193

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.271 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY014912.D

Acq: 28 Jul 2023 16:32

Tgt Ion: 75 Resp: 57193

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.2 37.4 56.0#

