

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014570.D
 Acq On : 05 Jul 2023 19:54
 Operator : KP/MD
 Sample : 03509-24
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-05-G

Quant Time: Jul 06 01:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

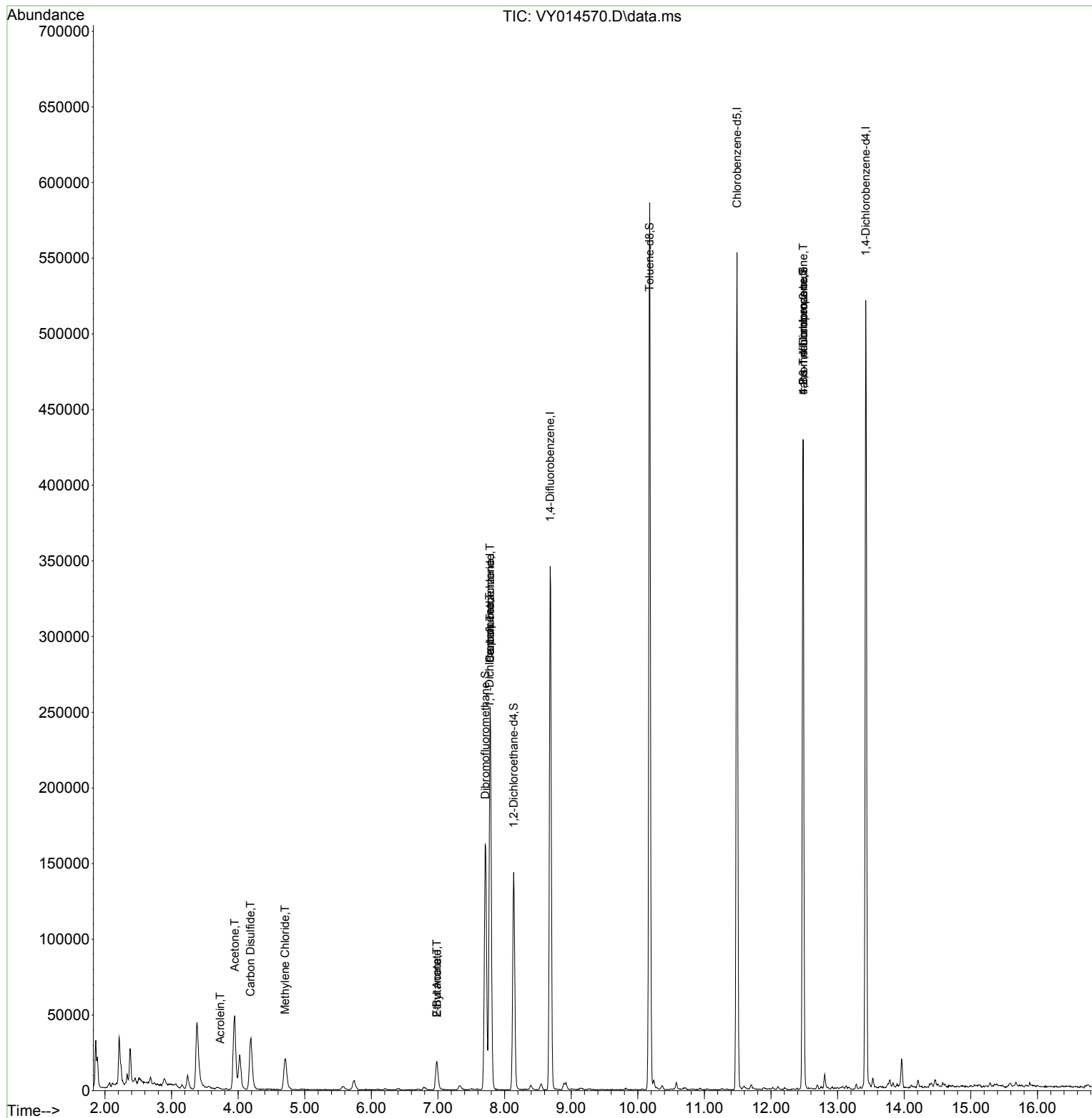
Internal Standards						
1) Pentafluorobenzene	7.782	168	219497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110325	50.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.709	113	115419	57.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.720%	
50) Toluene-d8	10.178	98	408769	51.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.483	95	122778	44.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	50	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	489	Below Cal	#	89
13) Acrolein	3.728	56	436	1.017	ug/l #	14
16) Acetone	3.948	43	85574	125.495	ug/l #	85
17) Carbon Disulfide	4.186	76	57622	9.184	ug/l	99
20) Methylene Chloride	4.704	84	17835	2.305	ug/l #	82
25) 2-Butanone	6.984	43	30572	30.279	ug/l	99
36) 1,1-Dichloropropene	7.776	75	13469	4.409	ug/l #	50
37) Ethyl Acetate	6.984	43	30572	14.593	ug/l #	71
38) Carbon Tetrachloride	7.782	117	18541	5.814	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58280	32.428	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58280	63.118	ug/l #	11

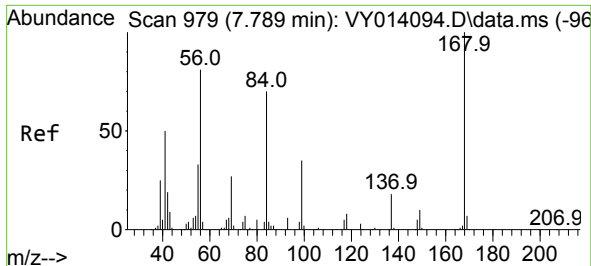
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014570.D
Acq On : 05 Jul 2023 19:54
Operator : KP/MD
Sample : 03509-24
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

Quant Time: Jul 06 01:37:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

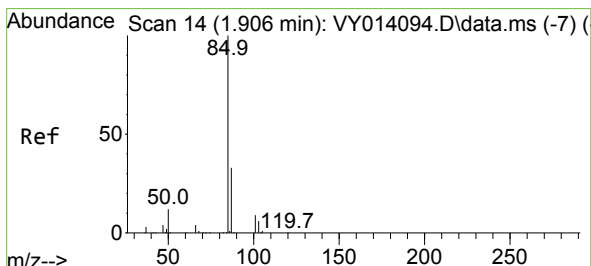
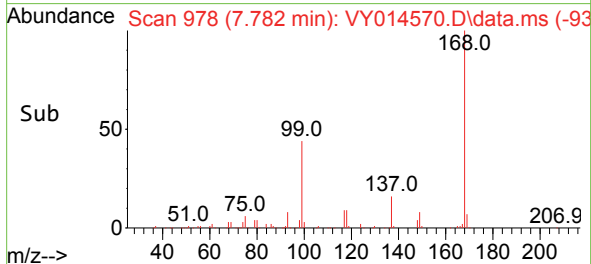
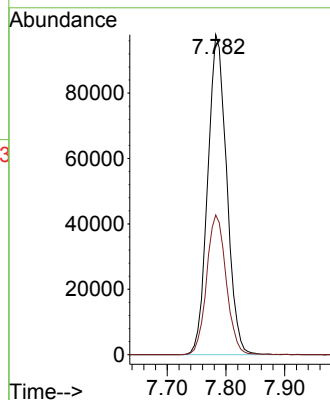
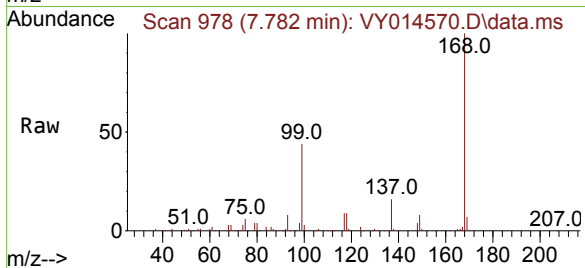




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

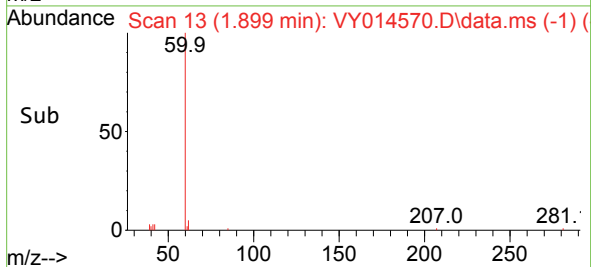
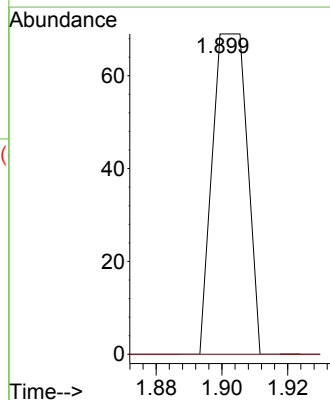
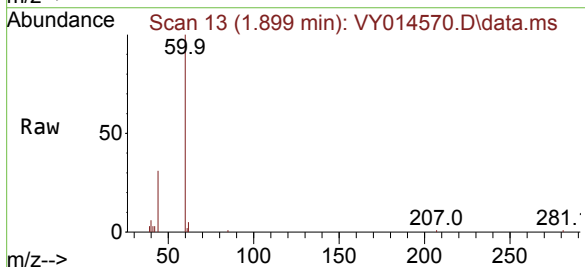
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

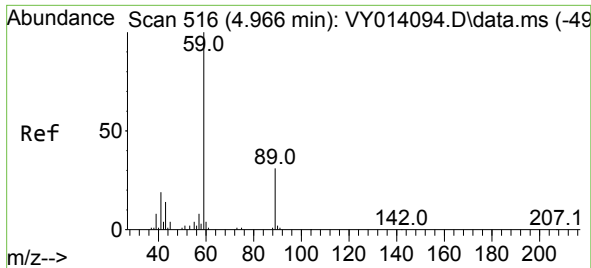
Tgt Ion:168 Resp: 219497
Ion Ratio Lower Upper
168 100
99 43.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

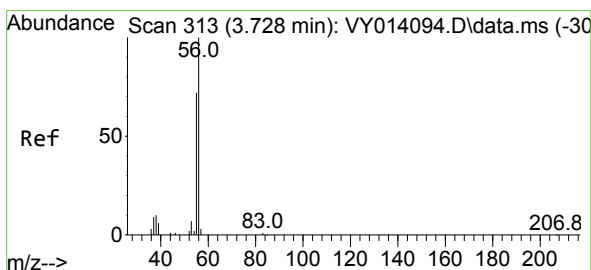
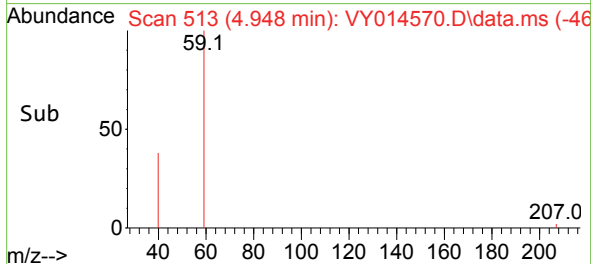
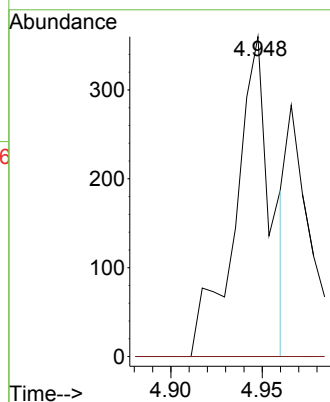
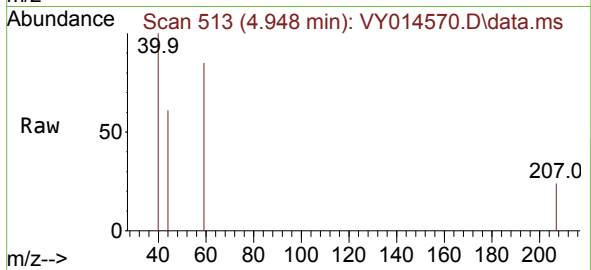




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

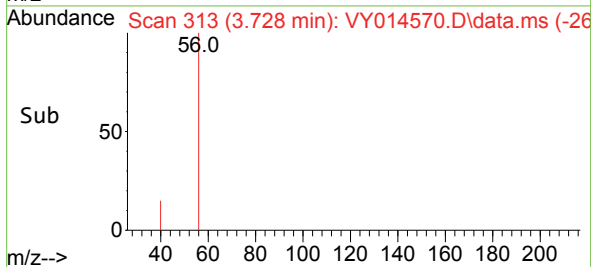
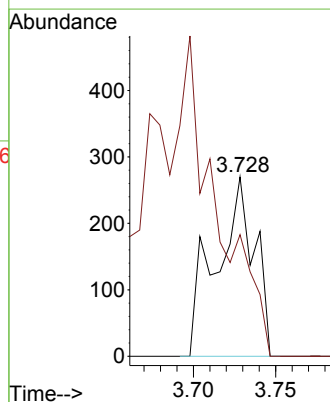
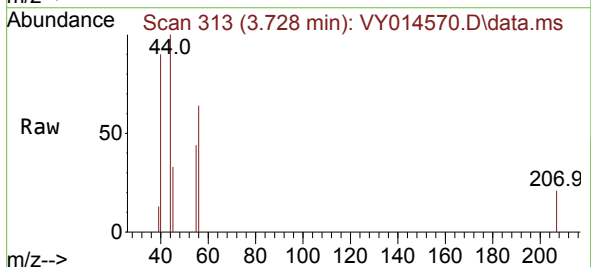
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

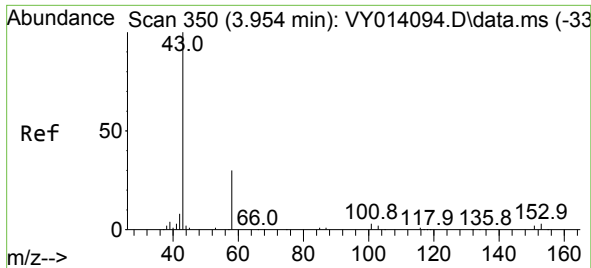
Tgt Ion: 59 Resp: 489
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#13
Acrolein
Concen: 1.017 ug/l
RT: 3.728 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

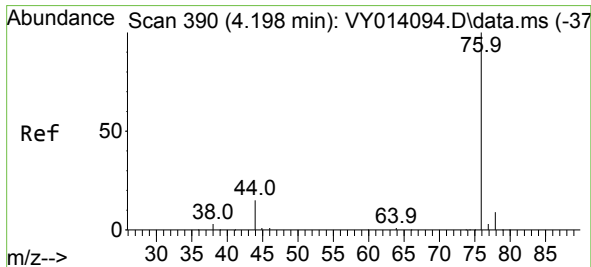
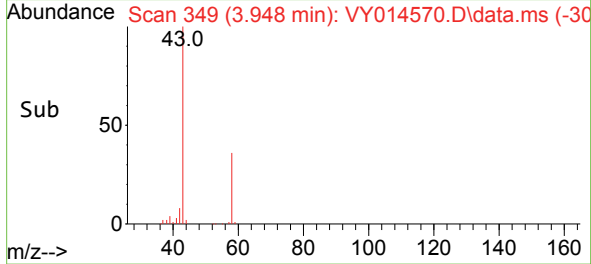
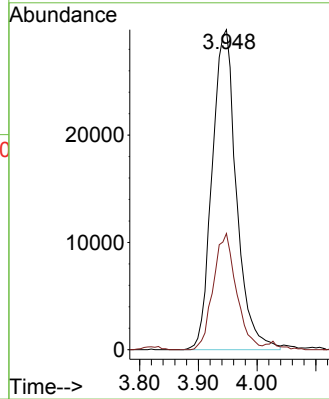
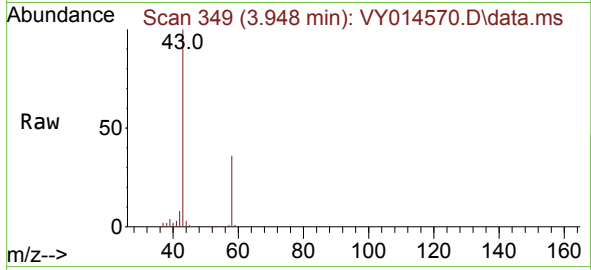




#16
Acetone
Concen: 125.495 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

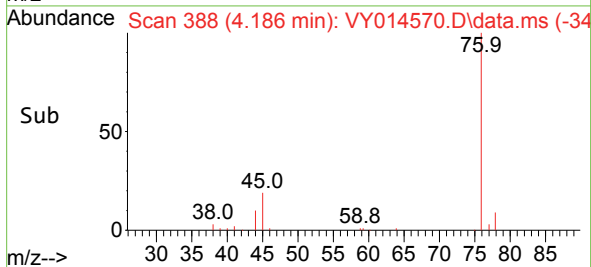
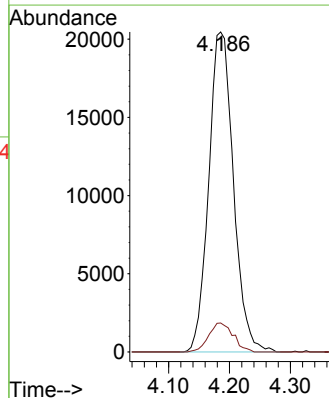
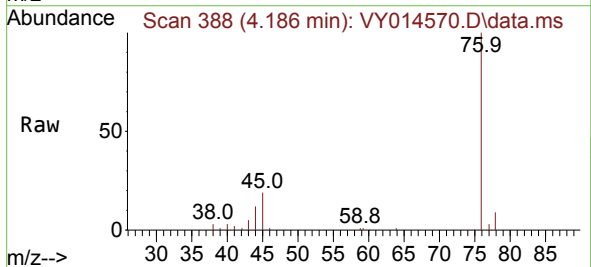
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

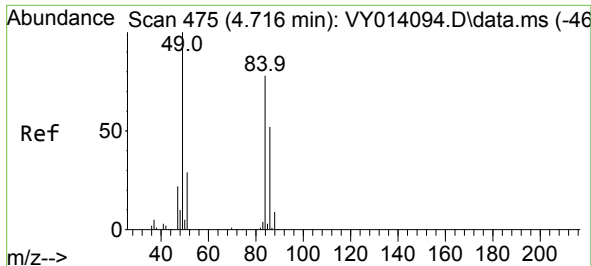
Tgt Ion: 43 Resp: 85574
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#



#17
Carbon Disulfide
Concen: 9.184 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

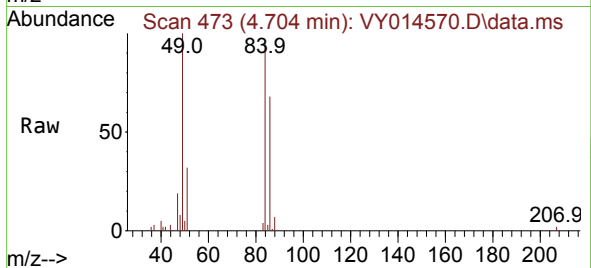
Tgt Ion: 76 Resp: 57622
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



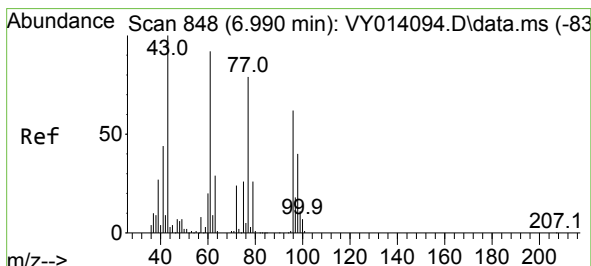
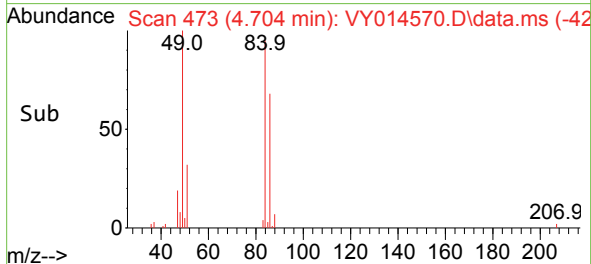
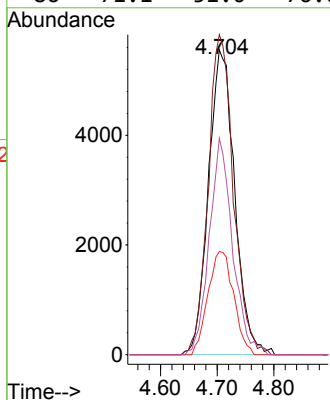


#20
Methylene Chloride
Concen: 2.305 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

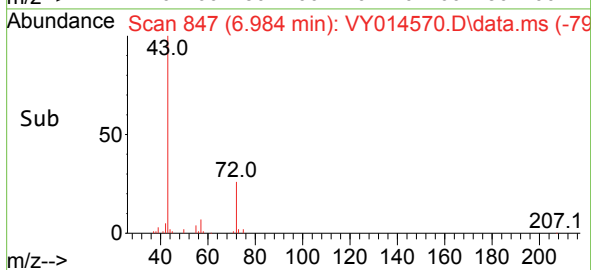
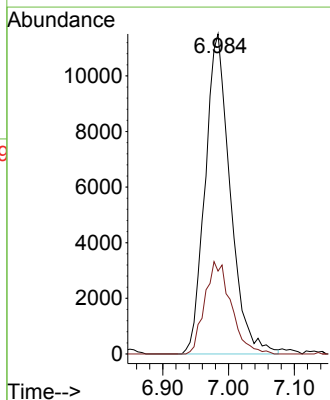
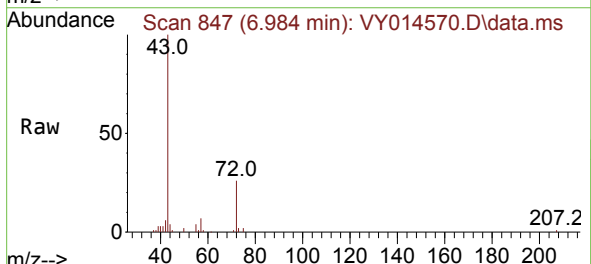


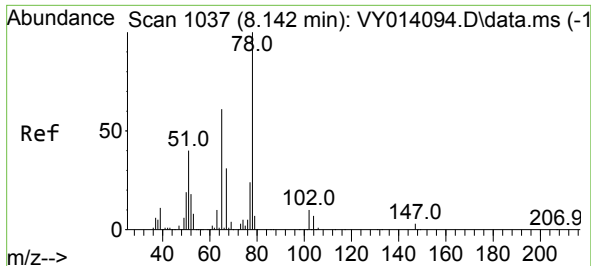
Tgt Ion: 84 Resp: 17835
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 33.9 33.2 49.8
86 71.1 51.0 76.6



#25
2-Butanone
Concen: 30.279 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 43 Resp: 30572
Ion Ratio Lower Upper
43 100
72 25.9 20.5 30.7

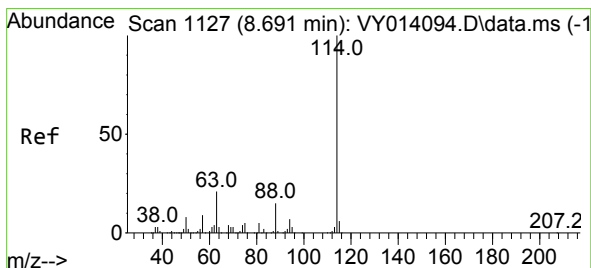
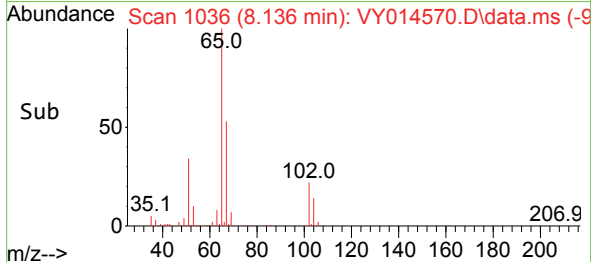
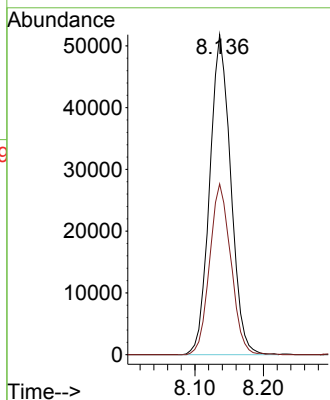
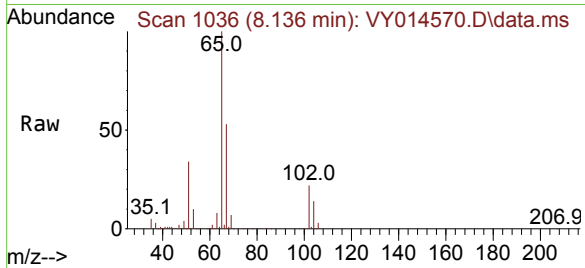




#33
1,2-Dichloroethane-d4
Concen: 50.526 ug/l
RT: 8.136 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

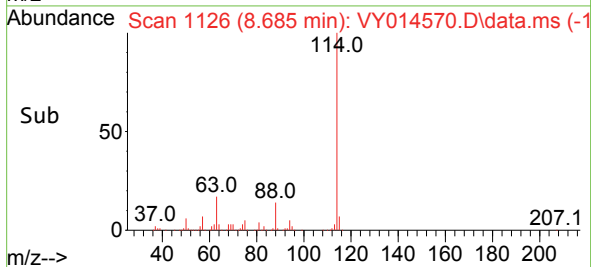
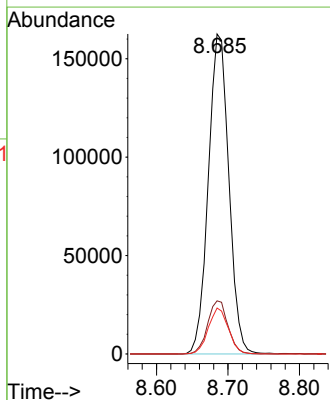
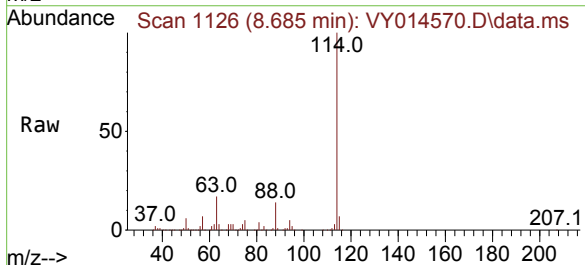
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

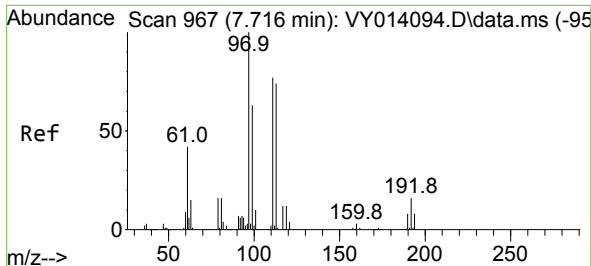
Tgt Ion: 65 Resp: 110325
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion:114 Resp: 323936
Ion Ratio Lower Upper
114 100
63 16.6 0.0 42.4
88 14.3 0.0 30.6

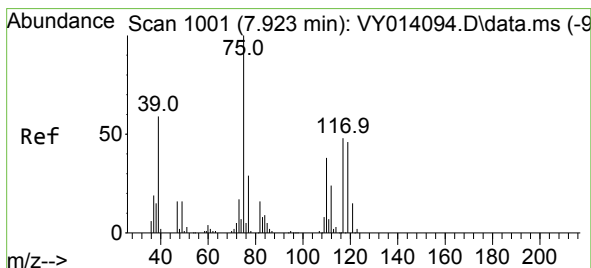
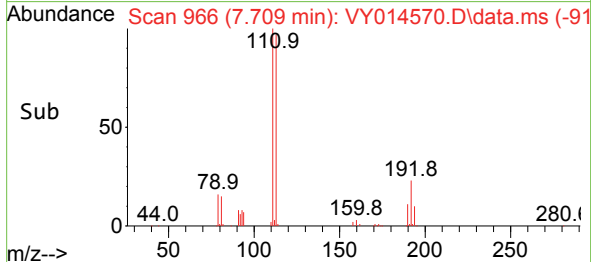
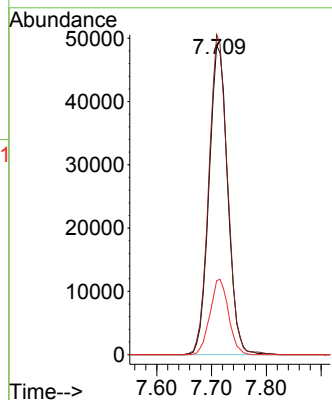
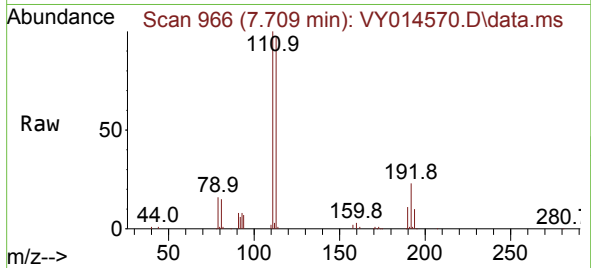




#35
Dibromofluoromethane
Concen: 57.859 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.007 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

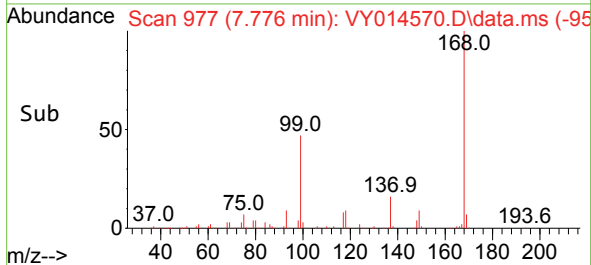
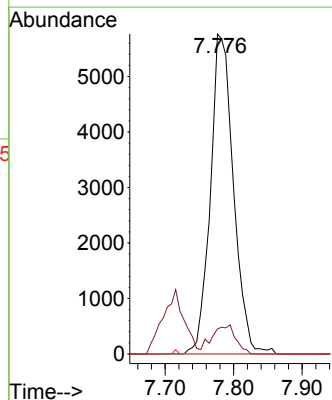
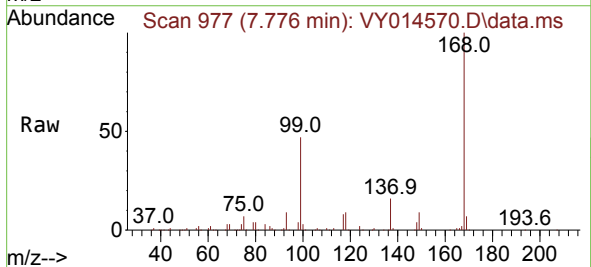
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

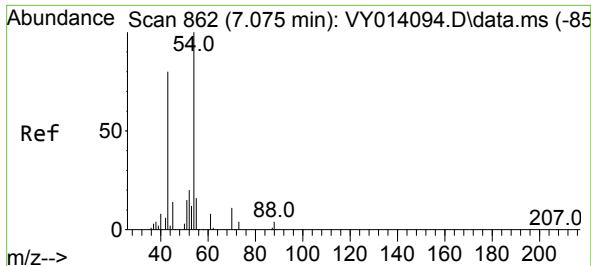
Tgt Ion:113 Resp: 115419
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 24.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.147 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 75 Resp: 13469
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#

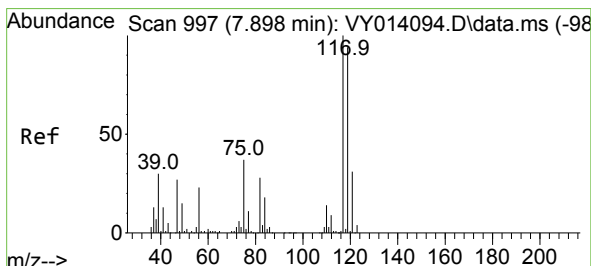
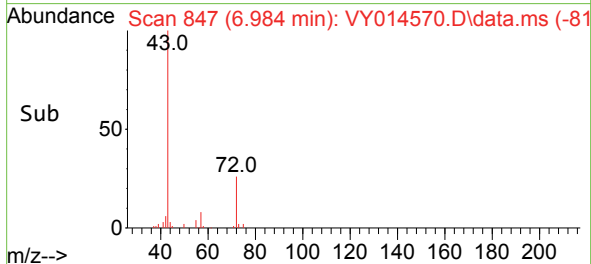
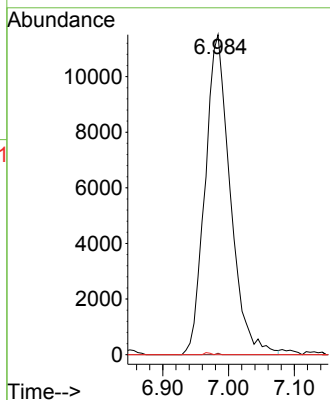
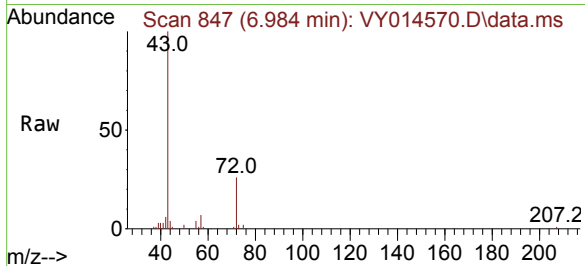




#37
Ethyl Acetate
Concen: 14.593 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.091 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

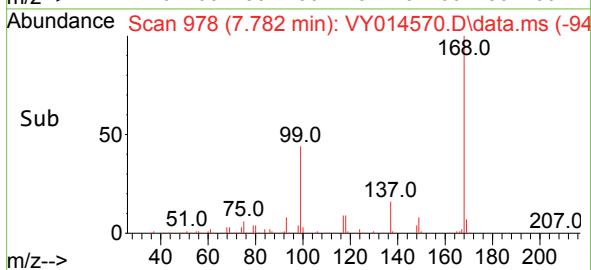
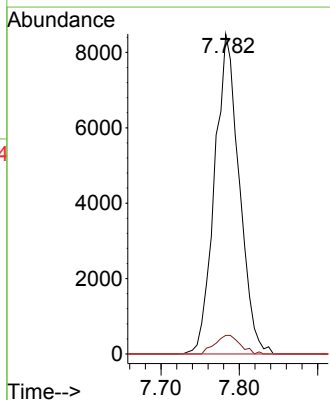
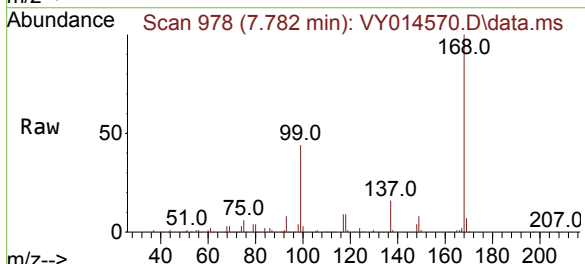
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

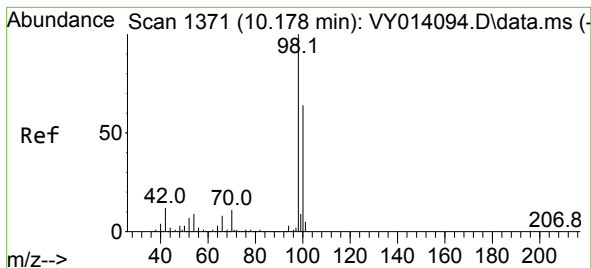
Tgt Ion: 43 Resp: 30572
Ion Ratio Lower Upper
43 100
61 0.1 10.1 15.1#
70 0.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 117 Resp: 18541
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#

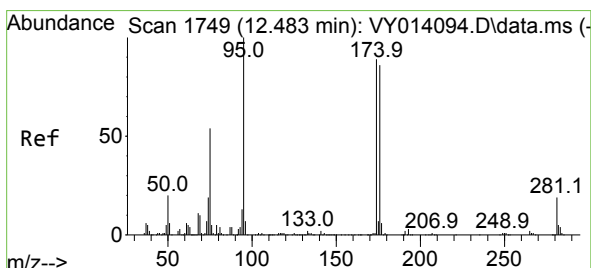
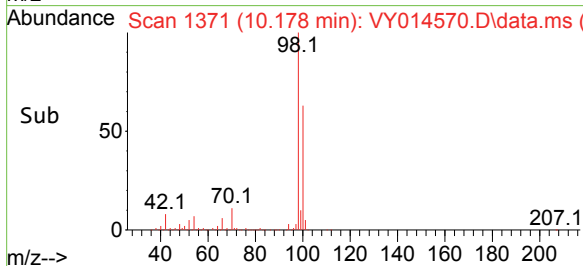
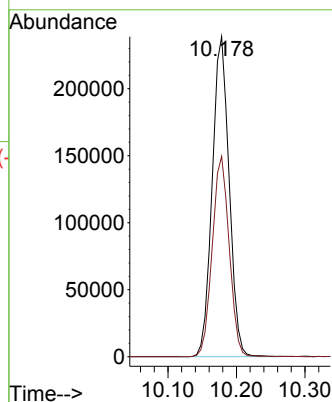
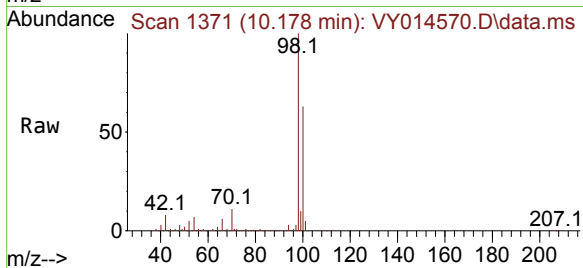




#50
Toluene-d8
Concen: 51.836 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

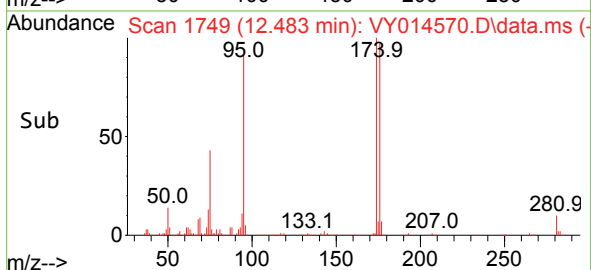
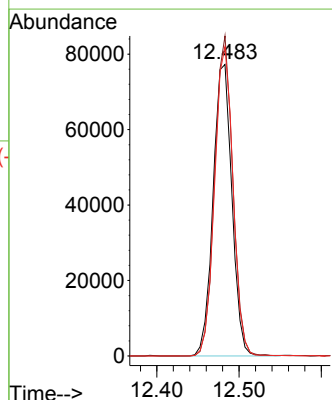
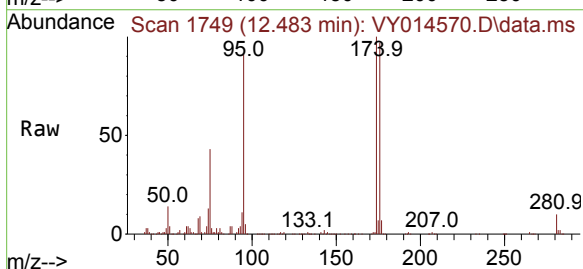
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-05-G

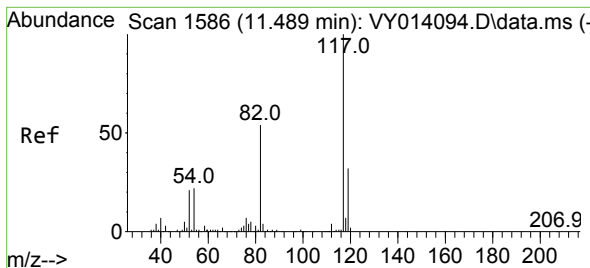
Tgt Ion: 98 Resp: 408769
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014570.D
Acq: 05 Jul 2023 19:54

Tgt Ion: 95 Resp: 122778
Ion Ratio Lower Upper
95 100
174 105.5 0.0 178.2
176 103.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014570.D

Acq: 05 Jul 2023 19:54

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-05-G

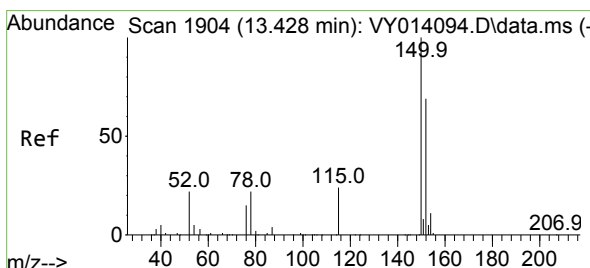
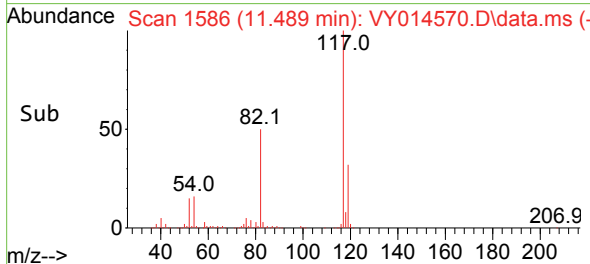
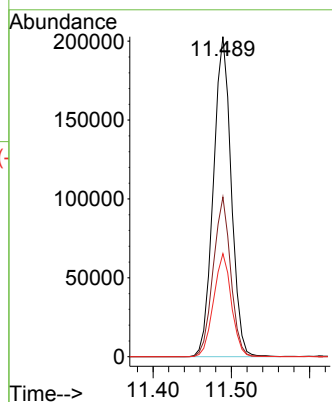
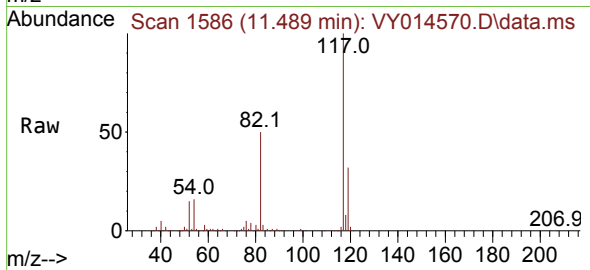
Tgt Ion:117 Resp: 321062

Ion Ratio Lower Upper

117 100

82 49.9 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014570.D

Acq: 05 Jul 2023 19:54

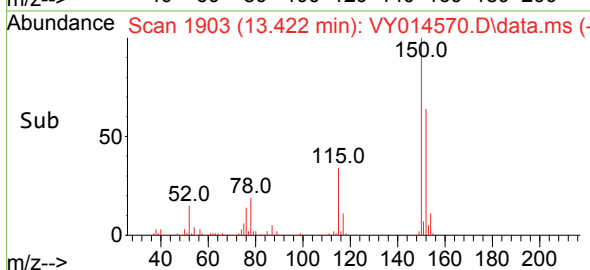
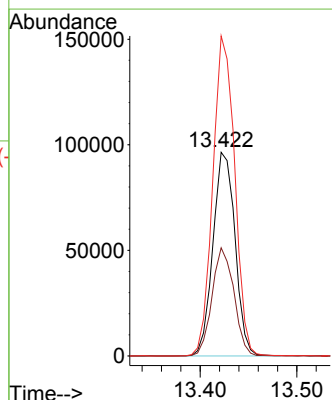
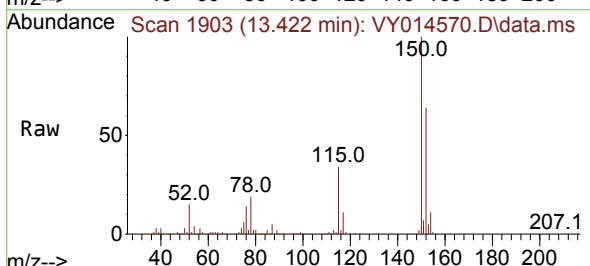
Tgt Ion:152 Resp: 153155

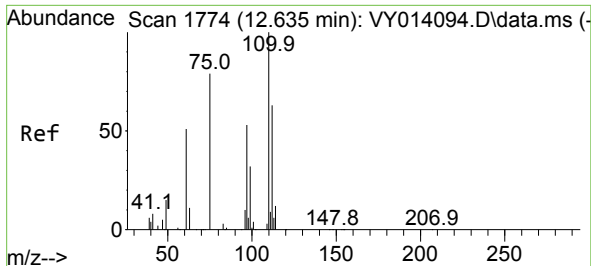
Ion Ratio Lower Upper

152 100

115 52.6 28.8 86.5

150 155.9 0.0 348.8

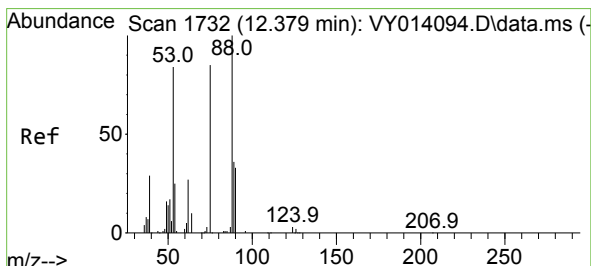
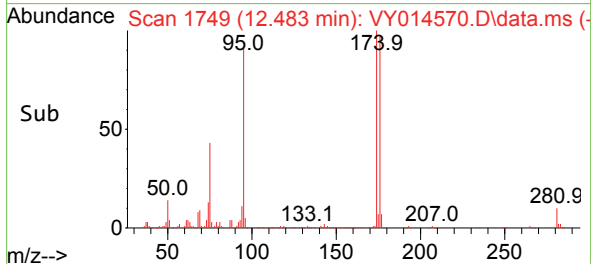
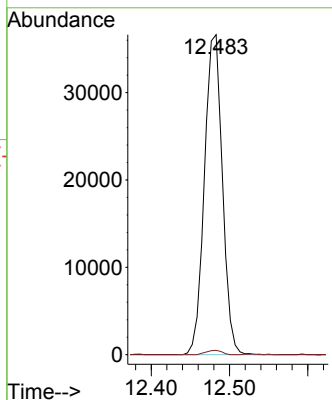
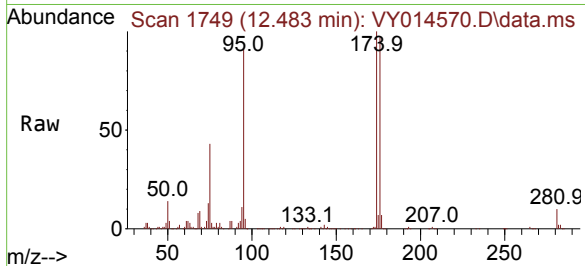




#76
 1,2,3-Trichloropropane
 Concen: 32.428 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY014570.D
 Acq: 05 Jul 2023 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-05-G

Tgt Ion: 75 Resp: 58280
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.118 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY014570.D
 Acq: 05 Jul 2023 19:54

Tgt Ion: 75 Resp: 58280
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

