

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014568.D
 Acq On : 05 Jul 2023 19:07
 Operator : KP/MD
 Sample : 03509-14
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-03-G

Quant Time: Jul 06 01:37:07 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)

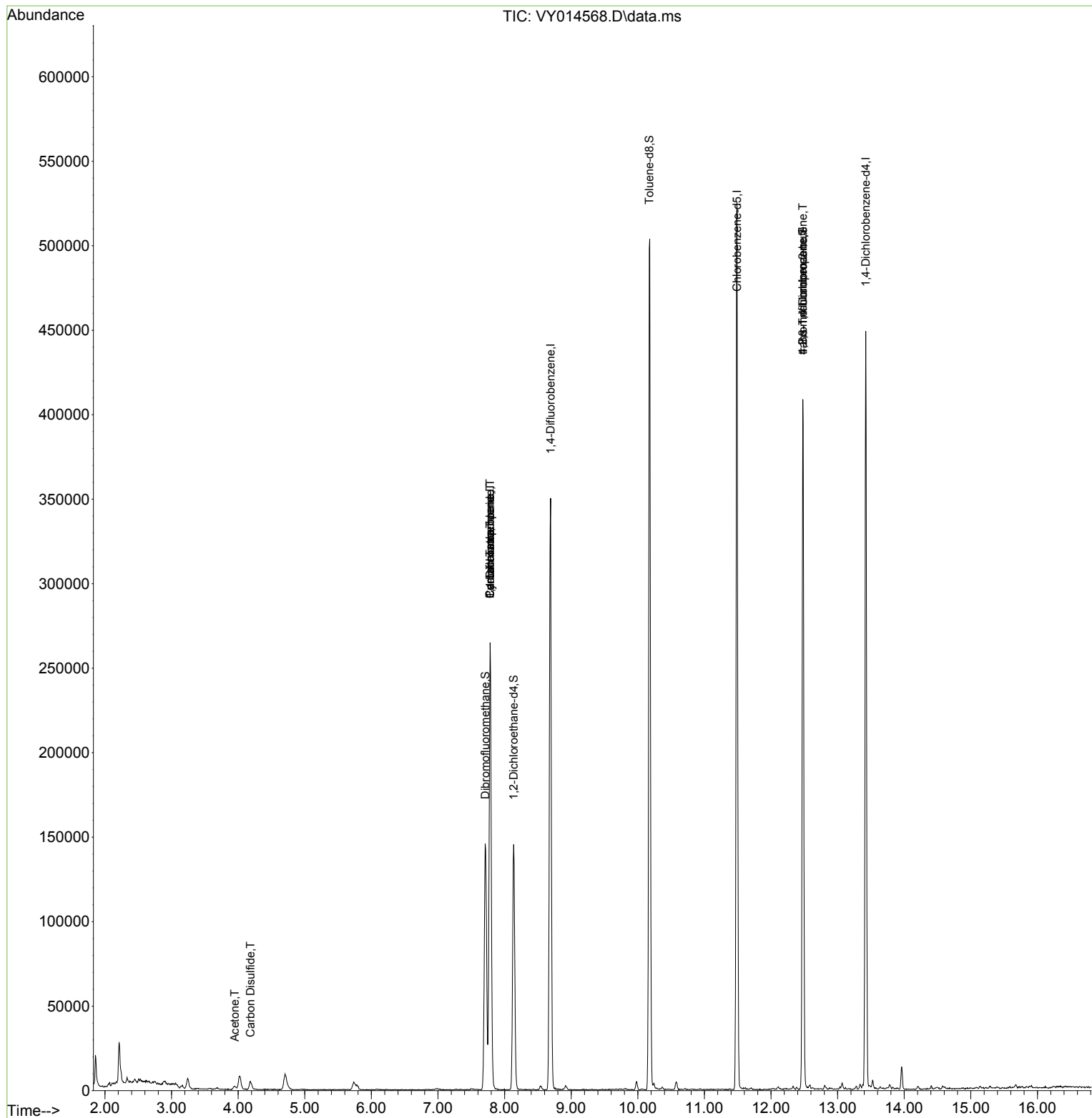
Internal Standards						
1) Pentafluorobenzene	7.783	168	220673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117352	53.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.710	113	107707	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.173	98	359273	45.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.300%	
62) 4-Bromofluorobenzene	12.477	95	123231	44.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	117	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	477	Below Cal	#	89
16) Acetone	3.948	43	3343	4.876	ug/l	99
17) Carbon Disulfide	4.186	76	9849	1.561	ug/l	98
20) Methylene Chloride	4.704	84	7326	Below Cal	#	80
31) Cyclohexane	7.783	56	3682	1.069	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	14117	4.579	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	18959	5.891	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	58882	39.466	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	58882	76.817	ug/l	# 11

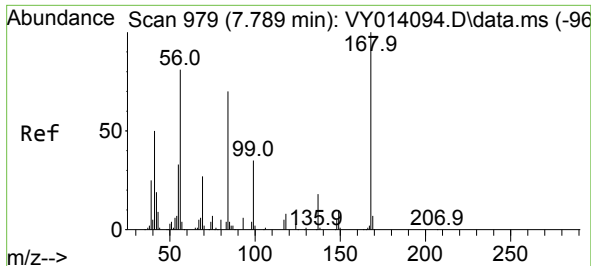
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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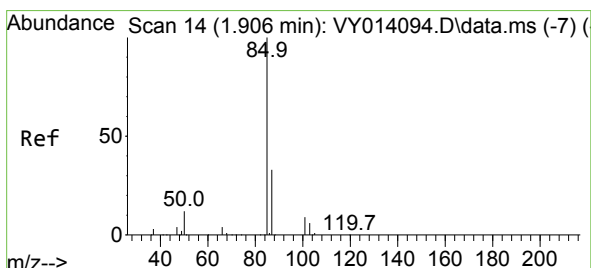
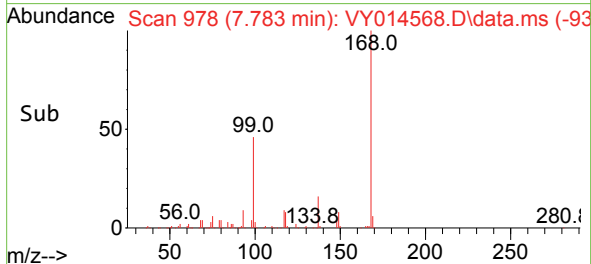
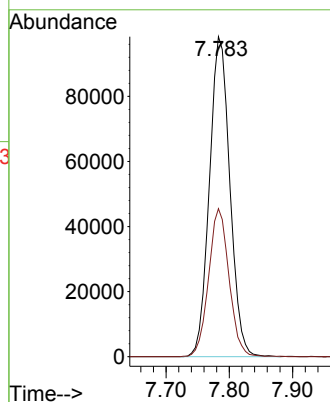
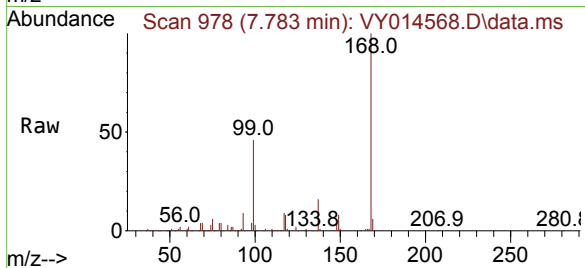




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

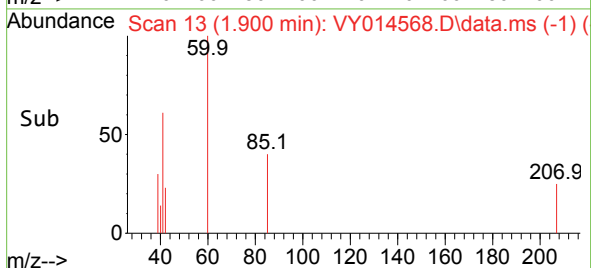
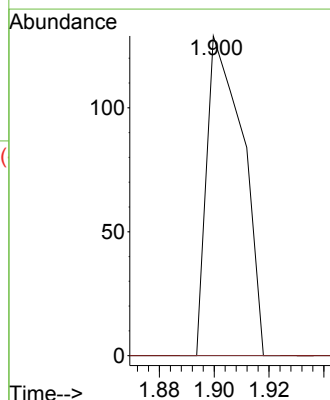
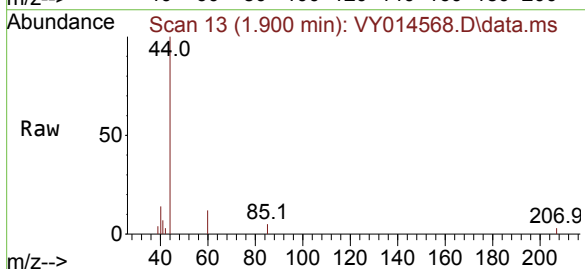
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

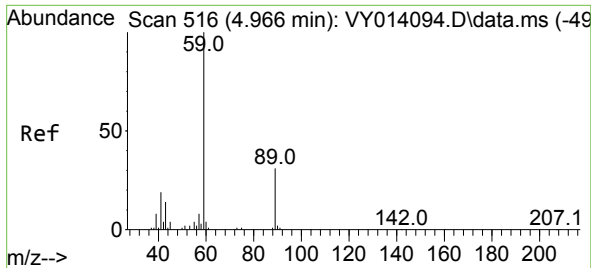
Tgt Ion:168 Resp: 220673
Ion Ratio Lower Upper
168 100
99 46.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 85 Resp: 117
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

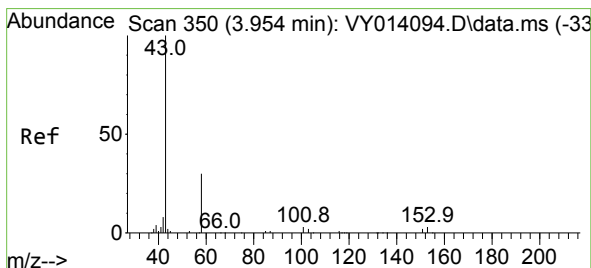
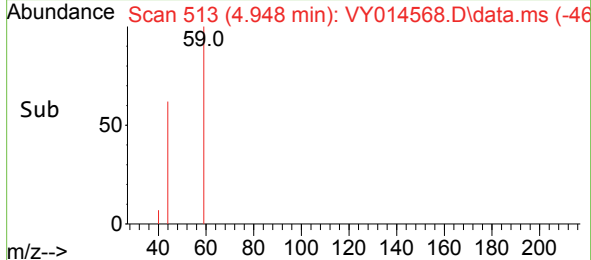
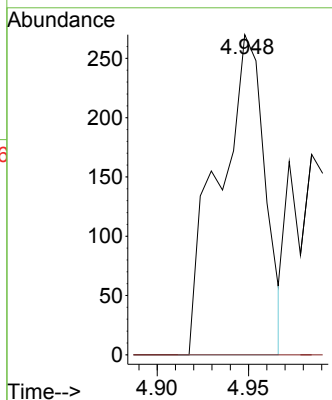
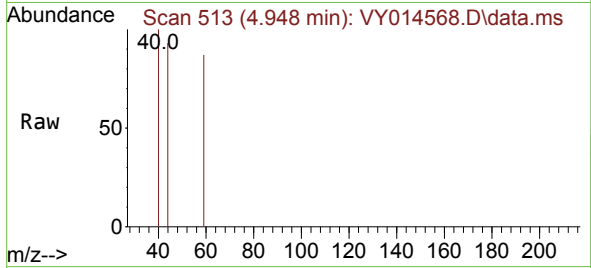




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

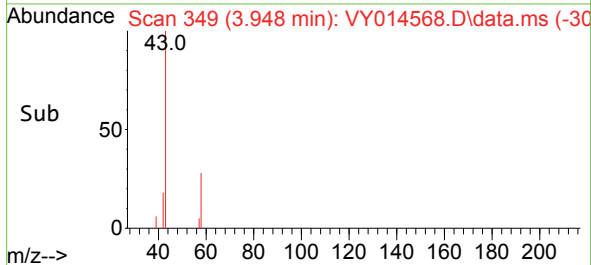
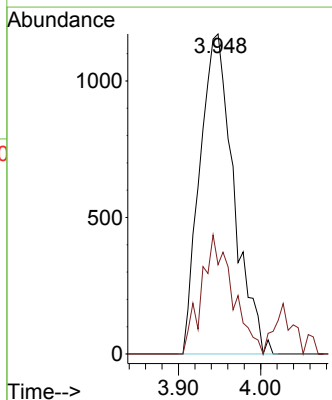
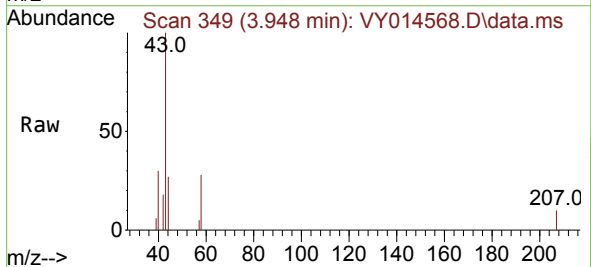
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

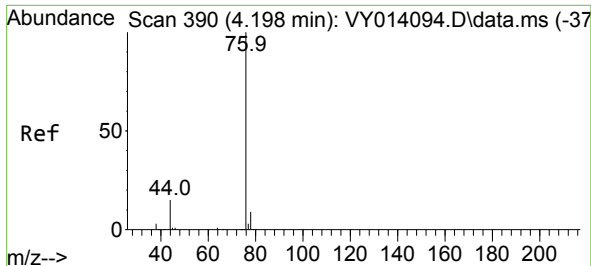
Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 4.876 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1

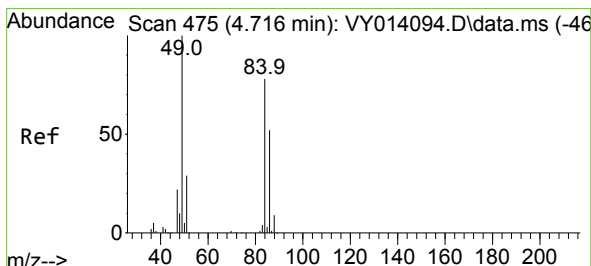
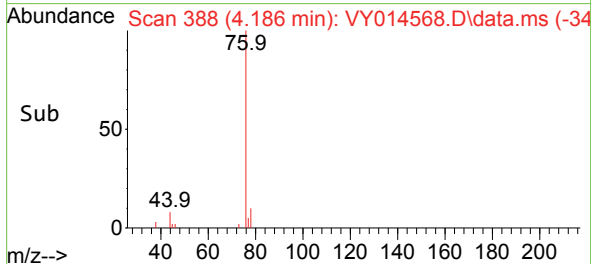
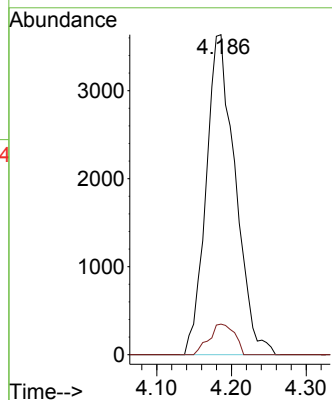
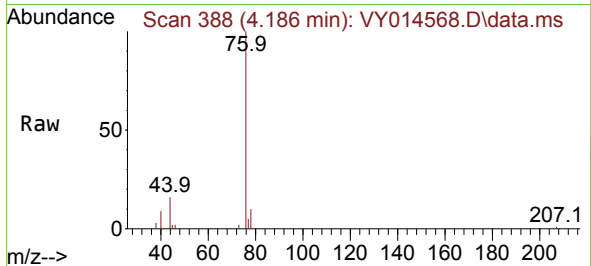




#17
Carbon Disulfide
Concen: 1.561 ug/l
RT: 4.186 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

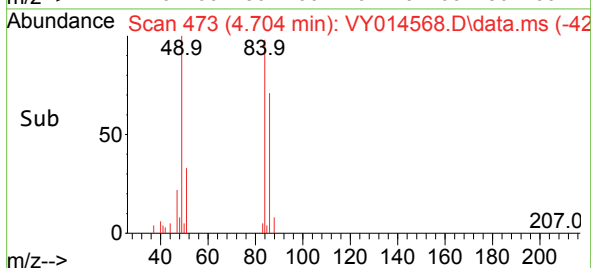
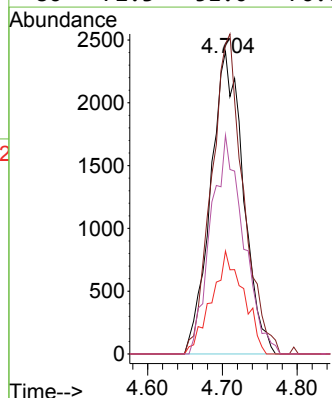
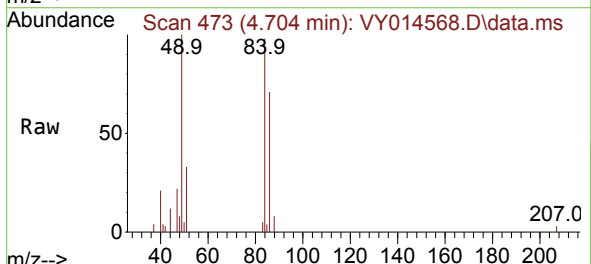
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

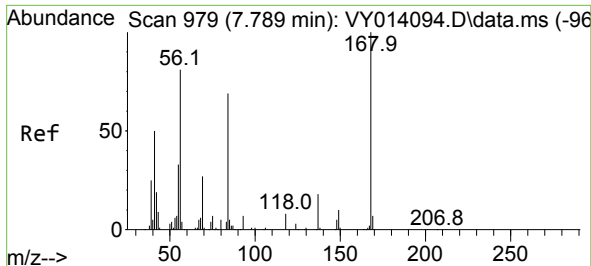
Tgt Ion: 76 Resp: 9849
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 84 Resp: 7326
Ion Ratio Lower Upper
84 100
49 102.5 106.9 160.3#
51 34.1 33.2 49.8
86 72.3 51.0 76.6

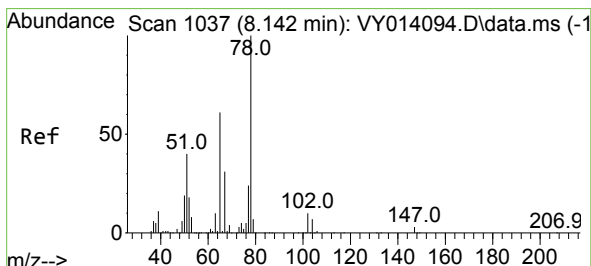
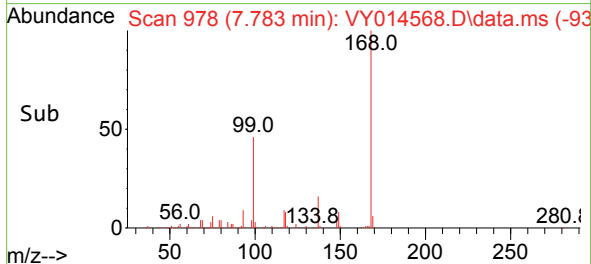
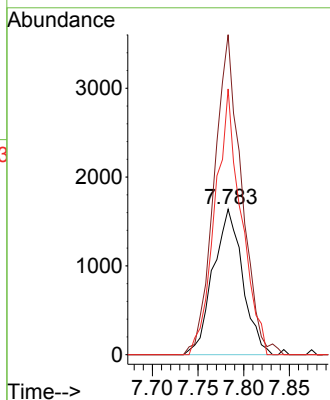
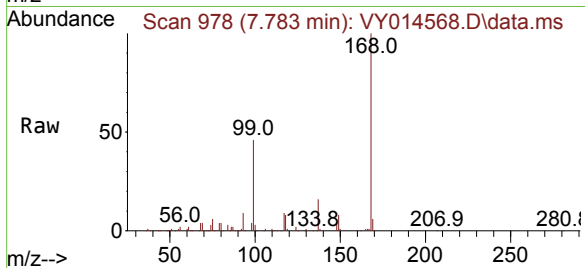




#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

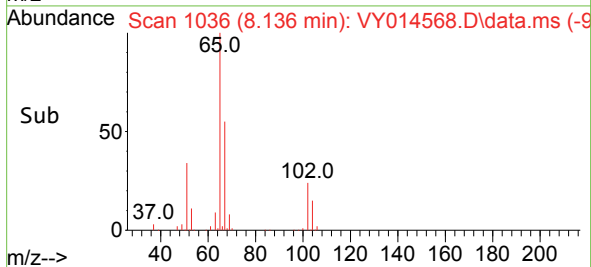
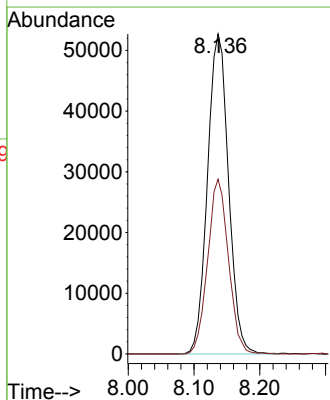
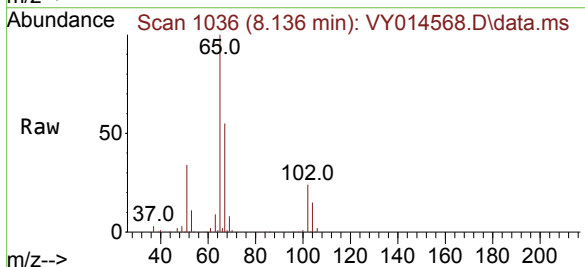
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

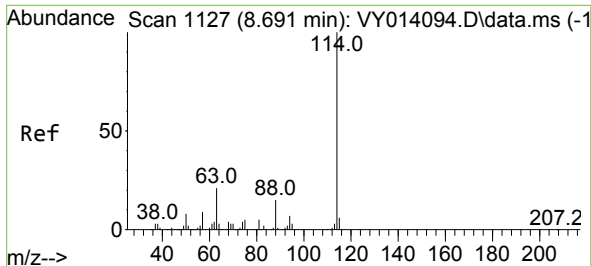
Tgt Ion: 56 Resp: 3682
Ion Ratio Lower Upper
56 100
69 220.1 27.8 41.6#
84 182.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 53.458 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 65 Resp: 117352
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8

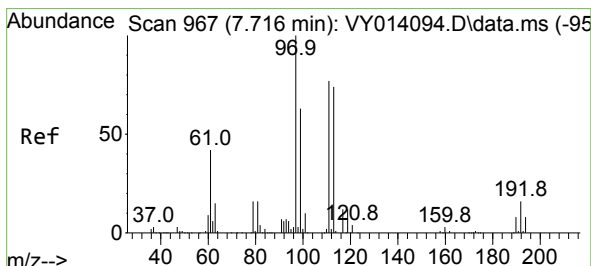
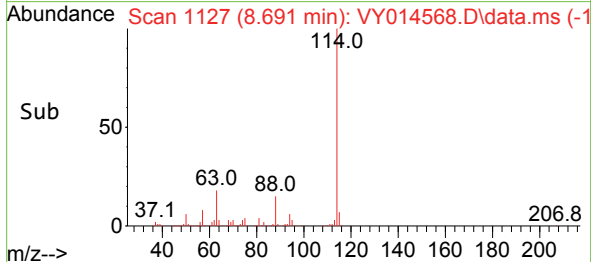
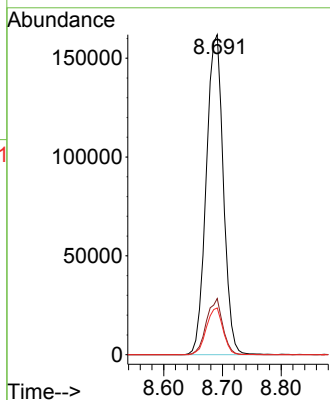
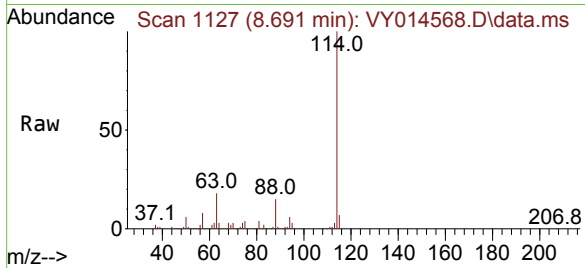




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

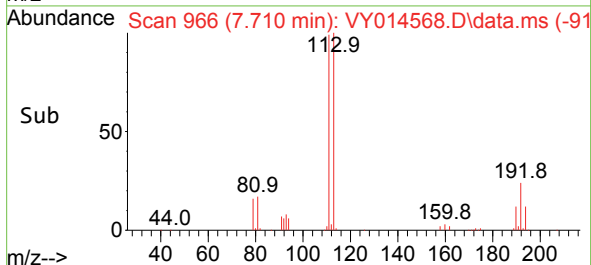
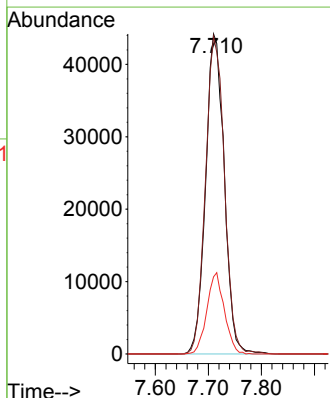
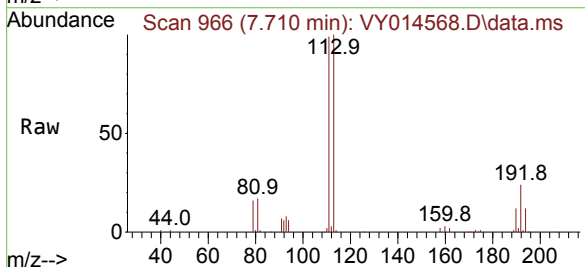
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ClientSampleId :
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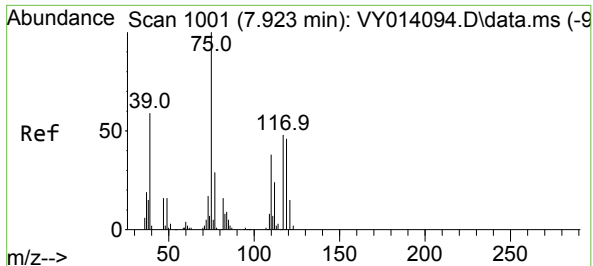
Tgt Ion:	114	Resp:	326902
Ion Ratio	Lower	Upper	
114	100		
63	17.6	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.503 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion:	113	Resp:	107707
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.3	121.9
192	23.9	16.9	25.3





#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY014568.D

Acq: 05 Jul 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-03-G

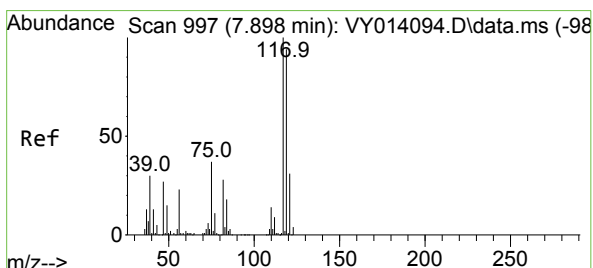
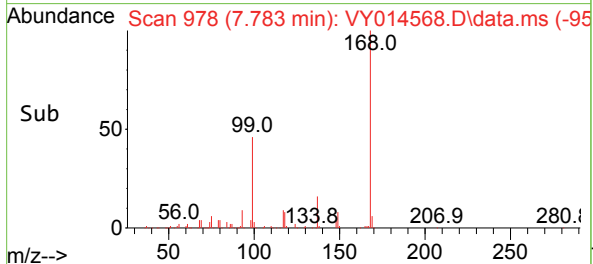
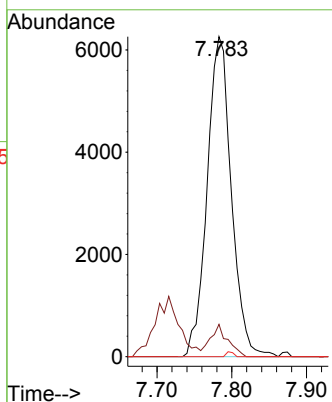
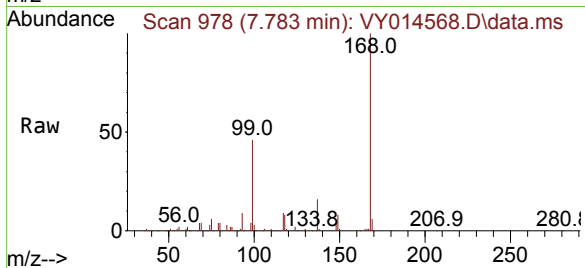
Tgt Ion: 75 Resp: 14117

Ion Ratio Lower Upper

75 100

110 7.2 17.8 53.5#

77 0.5 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.891 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014568.D

Acq: 05 Jul 2023 19:07

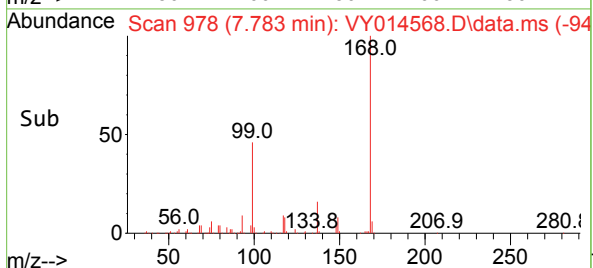
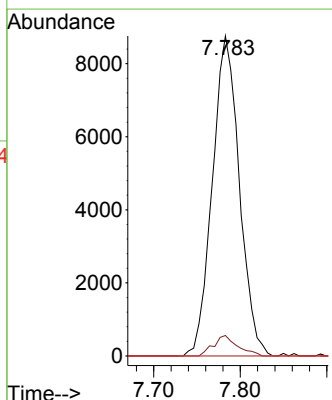
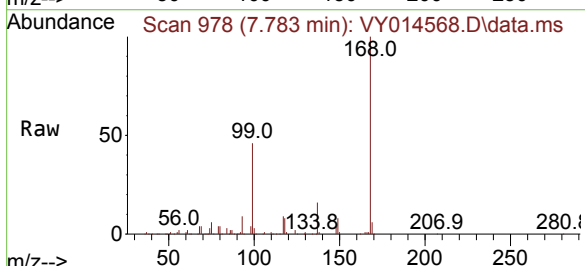
Tgt Ion: 117 Resp: 18959

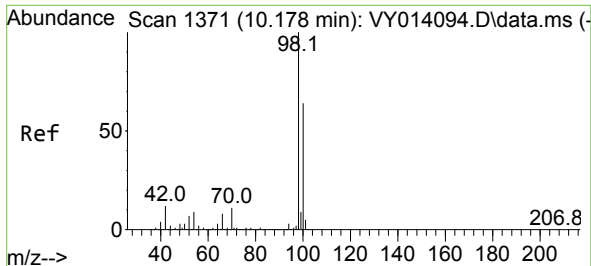
Ion Ratio Lower Upper

117 100

119 6.4 76.4 114.6#

121 0.0 25.8 38.6#

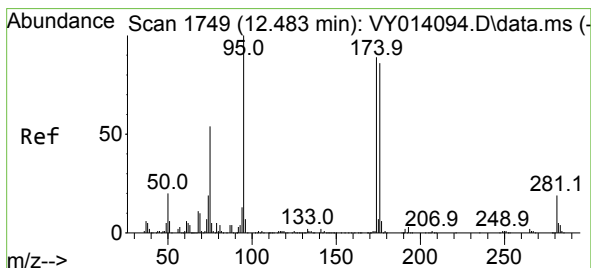
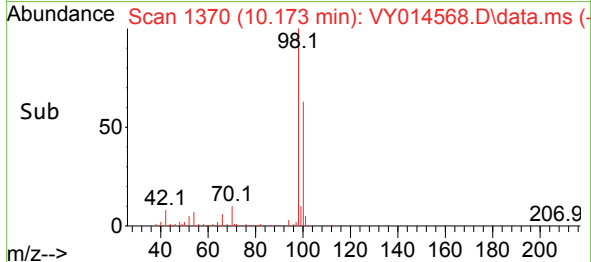
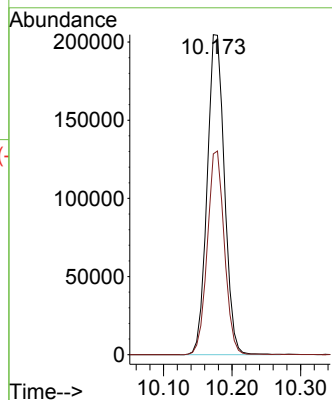
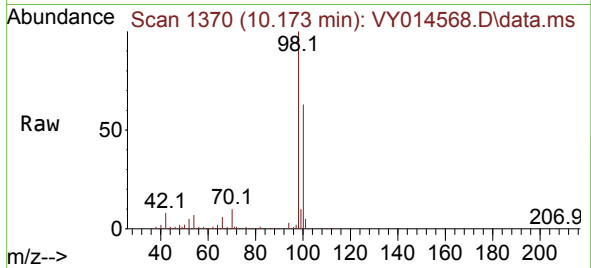




#50
Toluene-d8
Concen: 45.146 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

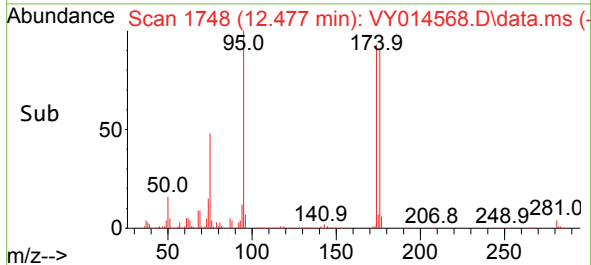
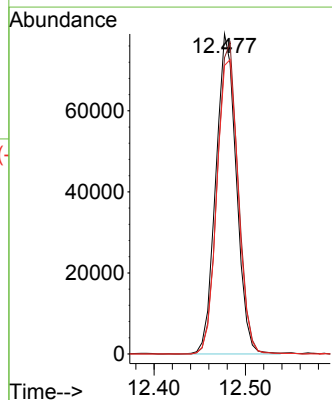
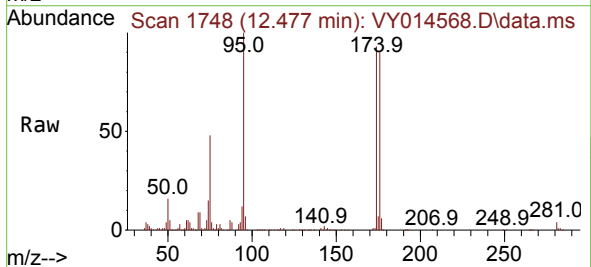
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

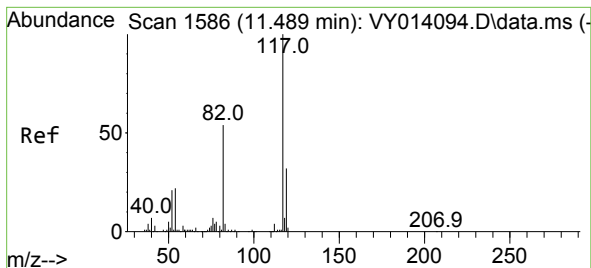
Tgt Ion: 98 Resp: 359273
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.595 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 95 Resp: 123231
Ion Ratio Lower Upper
95 100
174 99.1 0.0 178.2
176 96.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014568.D

Acq: 05 Jul 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-03-G

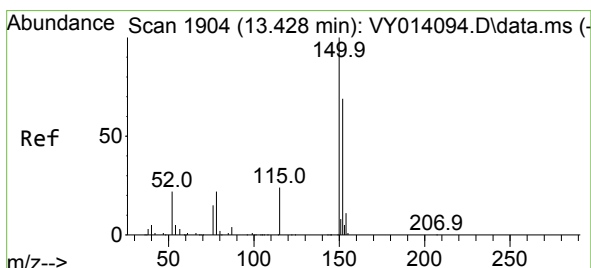
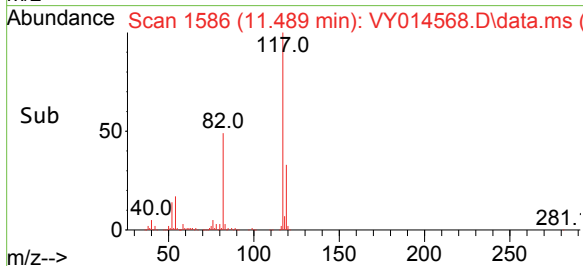
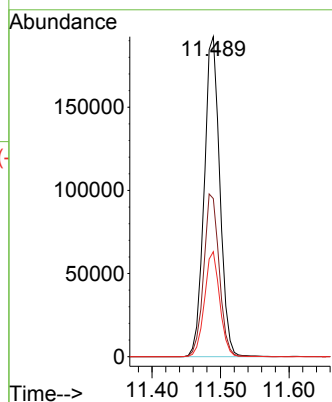
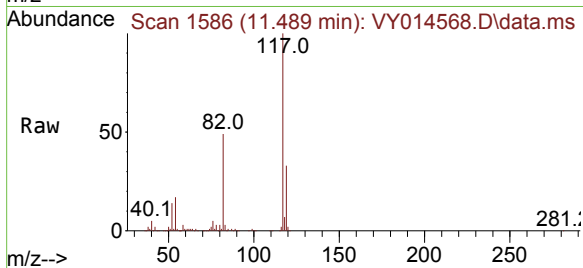
Tgt Ion:117 Resp: 305492

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

119 32.8 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: VY014568.D

Acq: 05 Jul 2023 19:07

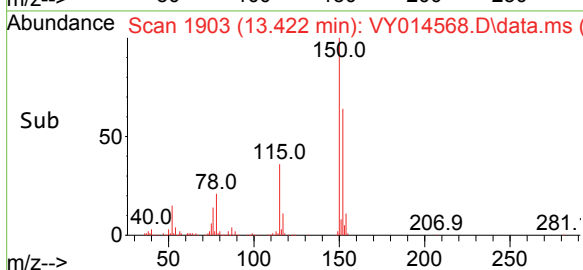
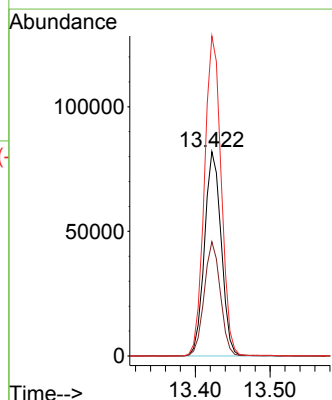
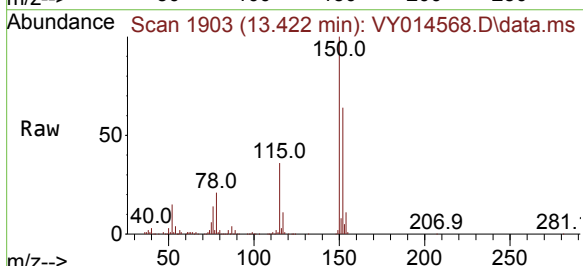
Tgt Ion:152 Resp: 127142

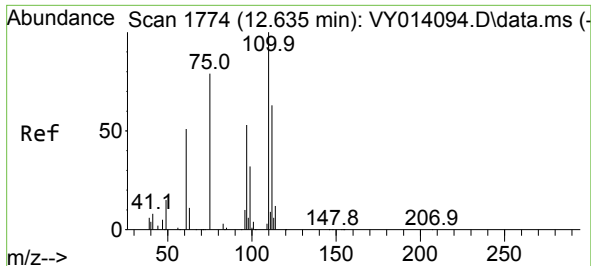
Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 157.2 0.0 348.8

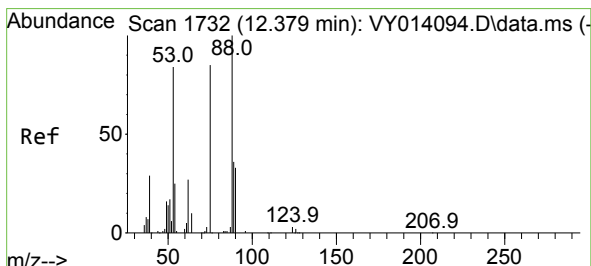
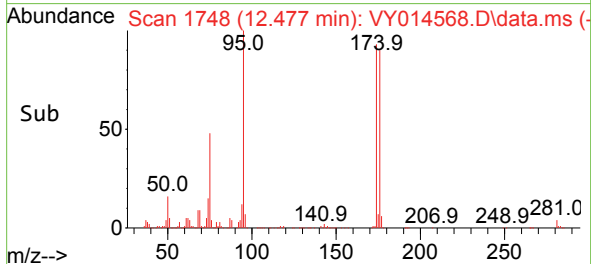
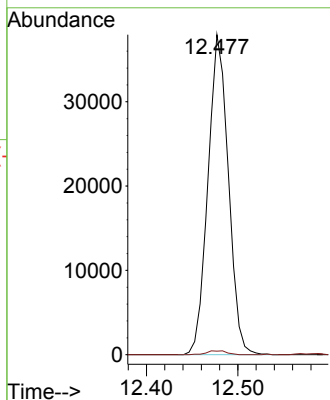
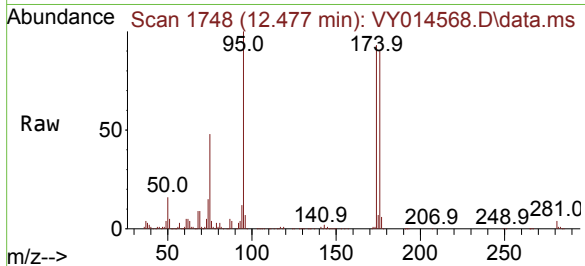




#76
1,2,3-Trichloropropane
Concen: 39.466 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

Tgt Ion: 75 Resp: 58882
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 75 Resp: 58882
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#

