

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014563.D
 Acq On : 05 Jul 2023 17:08
 Operator : KP/MD
 Sample : 03510-04
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 06 01:35:05 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)

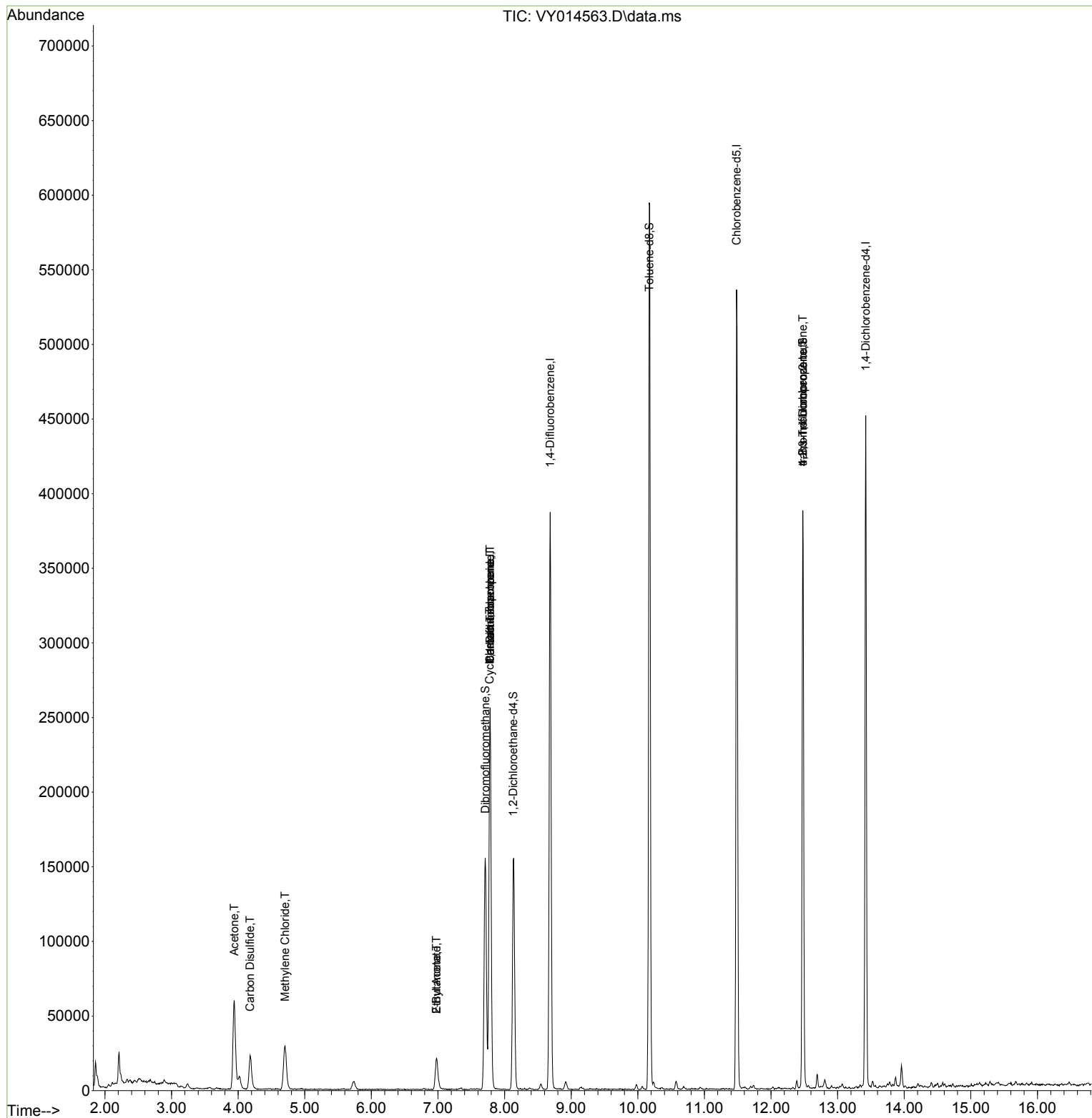
Internal Standards						
1) Pentafluorobenzene	7.783	168	212497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	307443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	124035	58.676	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.360%	
35) Dibromofluoromethane	7.710	113	112072	53.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.173	98	412112	49.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.477	95	115290	40.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.894	85	63	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	129	Below Cal	#	89
13) Acrolein	3.716	56	104	Below Cal	#	14
16) Acetone	3.942	43	103646	157.004	ug/l	91
17) Carbon Disulfide	4.180	76	42960	7.073	ug/l	99
20) Methylene Chloride	4.704	84	23093	5.032	ug/l	84
25) 2-Butanone	6.978	43	31150	31.868	ug/l	94
31) Cyclohexane	7.777	56	4146	1.250	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	14835	4.621	ug/l #	49
37) Ethyl Acetate	6.978	43	31150	14.148	ug/l #	72
38) Carbon Tetrachloride	7.783	117	18900	5.640	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	58036	40.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58036	79.489	ug/l #	11

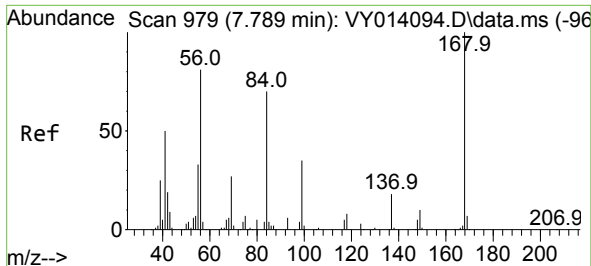
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014563.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

Quant Time: Jul 06 01:35:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
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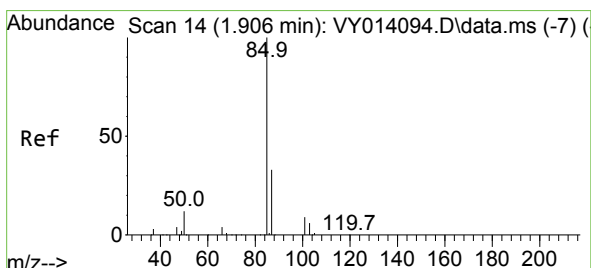
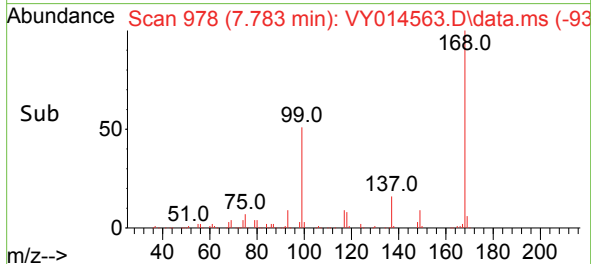
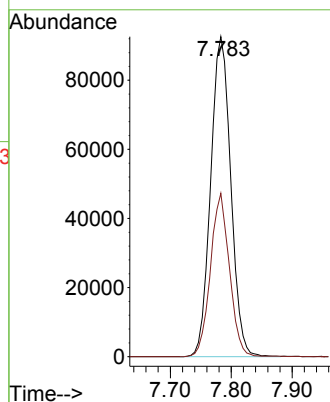
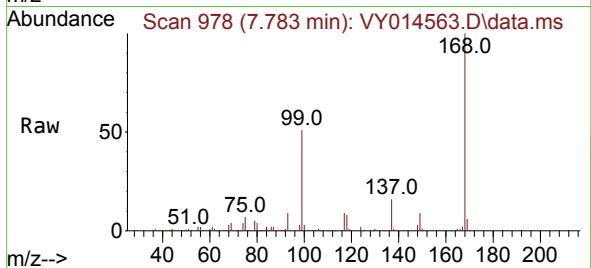




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

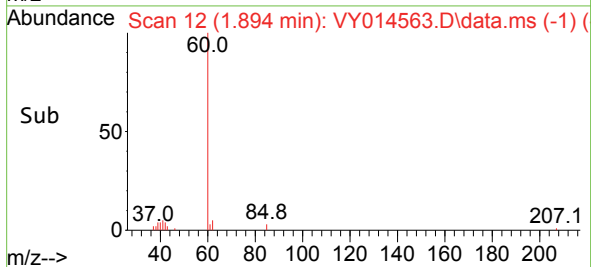
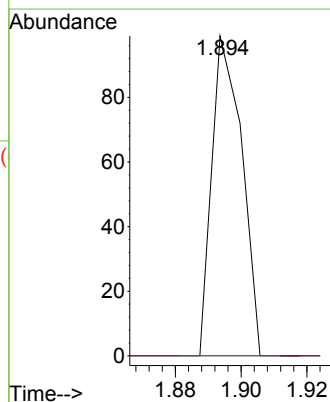
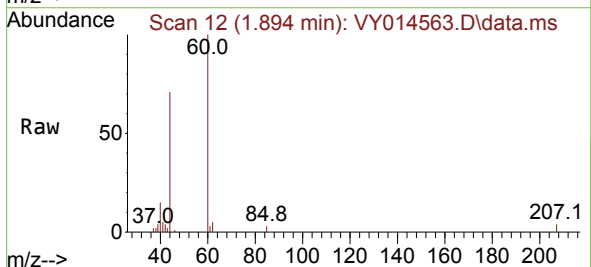
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

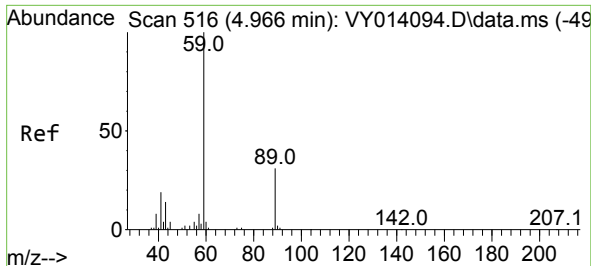
Tgt Ion:168 Resp: 212497
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 516

Delta R.T. -0.030 min

Lab File: VY014563.D

Acq: 05 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

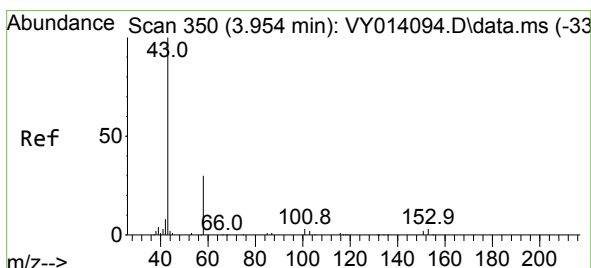
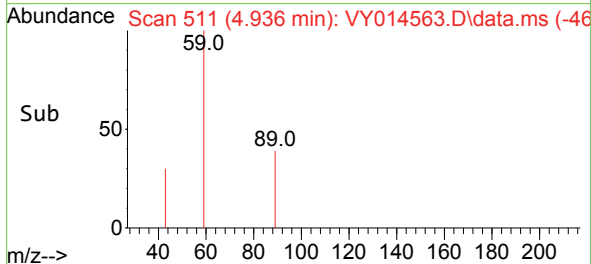
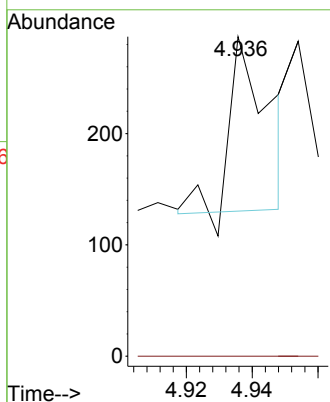
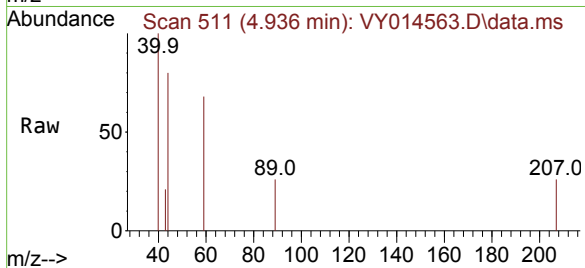
WC-WWS-06-G

Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 157.004 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.012 min

Lab File: VY014563.D

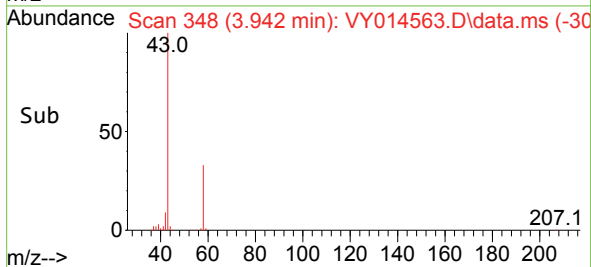
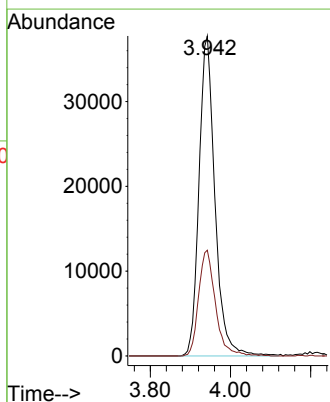
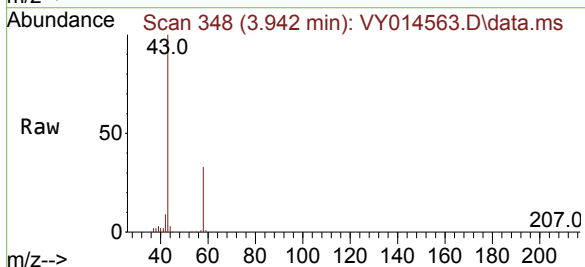
Acq: 05 Jul 2023 17:08

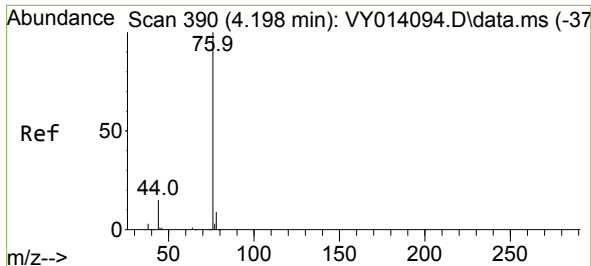
Tgt Ion: 43 Resp: 103646

Ion Ratio Lower Upper

43 100

58 33.1 22.7 34.1

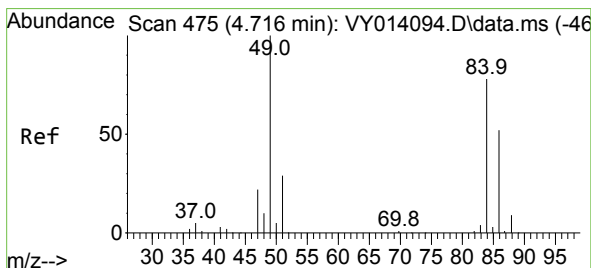
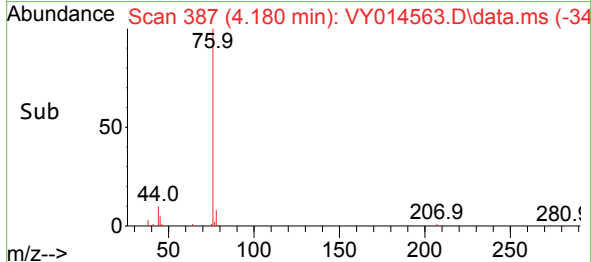
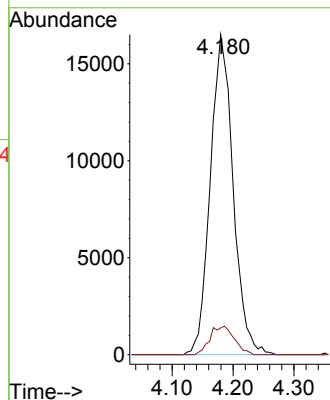
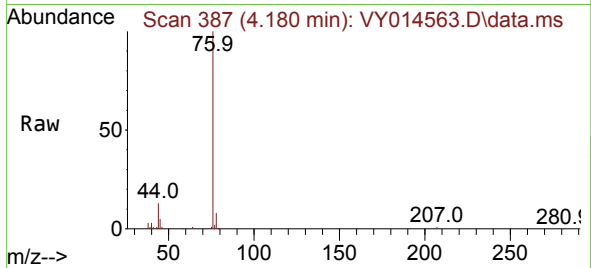




#17
Carbon Disulfide
Concen: 7.073 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

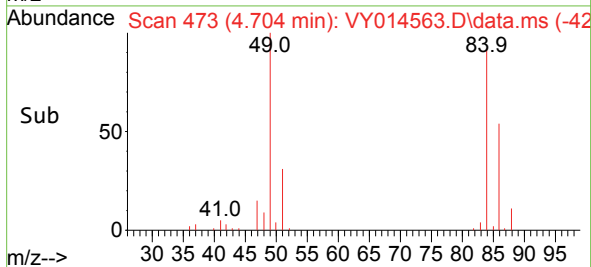
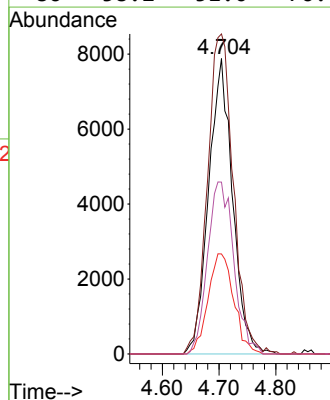
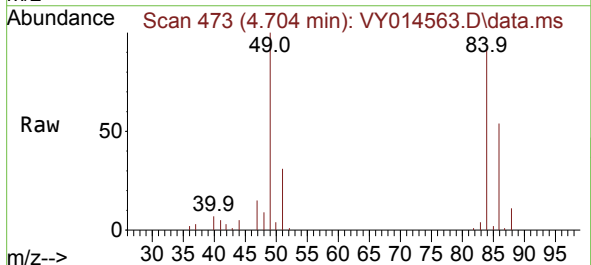
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

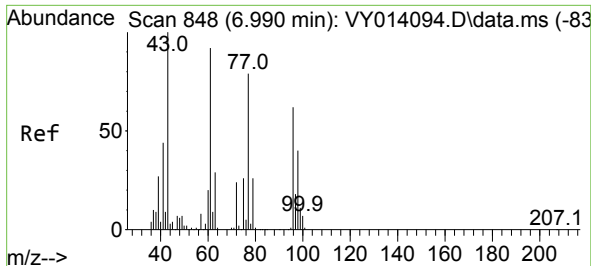
Tgt Ion: 76 Resp: 42960
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#20
Methylene Chloride
Concen: 5.032 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 84 Resp: 23093
Ion Ratio Lower Upper
84 100
49 108.3 106.9 160.3
51 33.8 33.2 49.8
86 58.2 51.0 76.6





#25

2-Butanone

Concen: 31.868 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014563.D

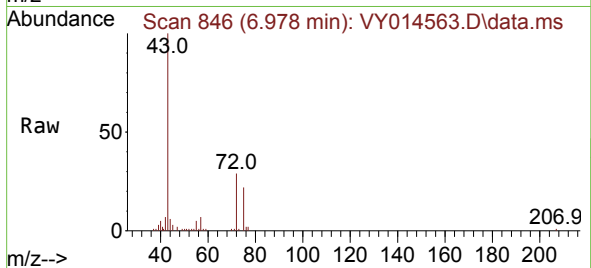
Acq: 05 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-06-G

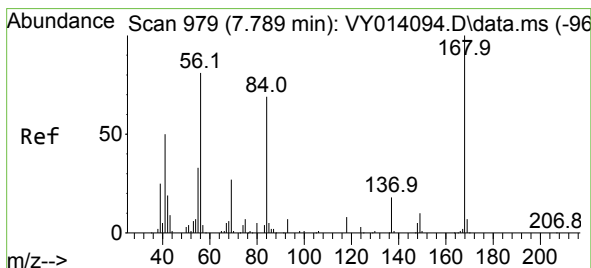
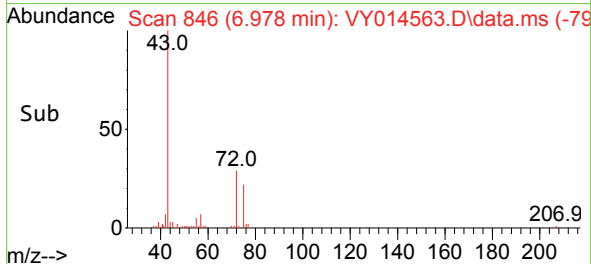
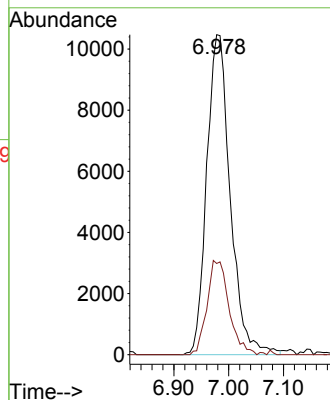


Tgt Ion: 43 Resp: 31150

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.012 min

Lab File: VY014563.D

Acq: 05 Jul 2023 17:08

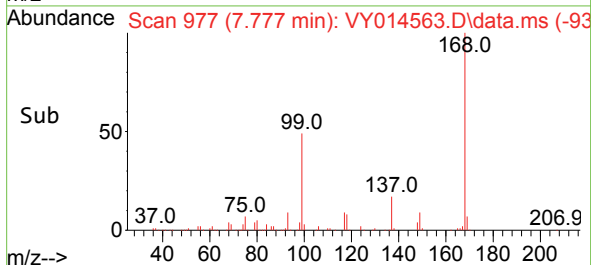
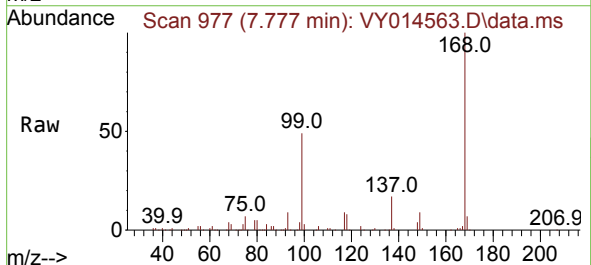
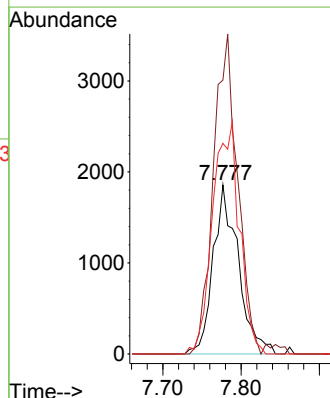
Tgt Ion: 56 Resp: 4146

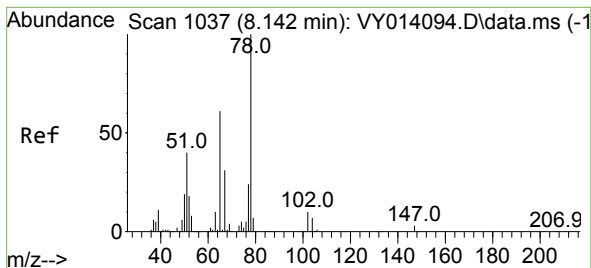
Ion Ratio Lower Upper

56 100

69 162.2 27.8 41.6#

84 124.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.676 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY014563.D

Acq: 05 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

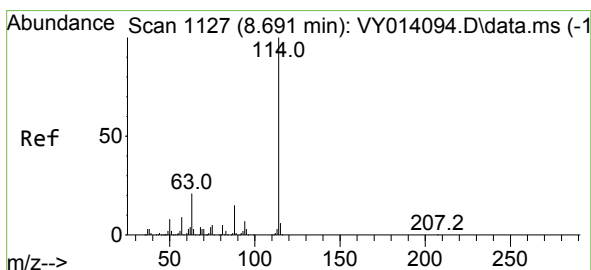
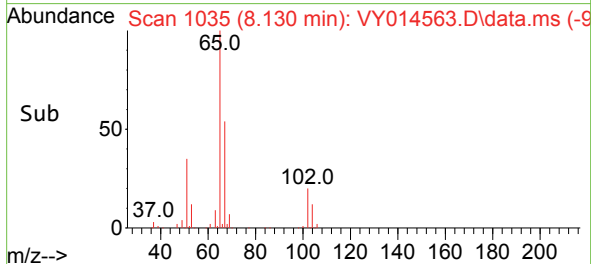
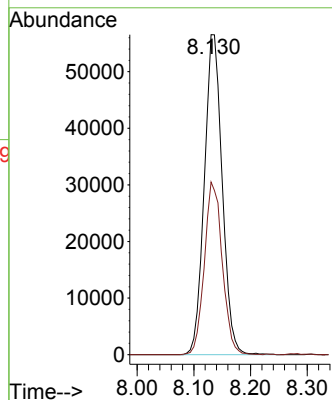
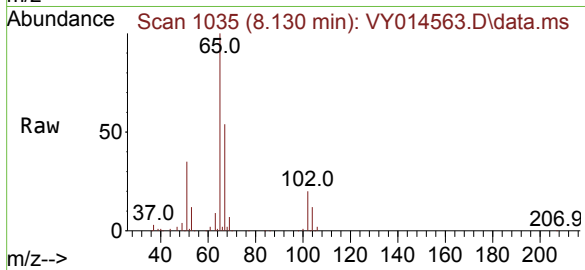
WC-WWS-06-G

Tgt Ion: 65 Resp: 124035

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: VY014563.D

Acq: 05 Jul 2023 17:08

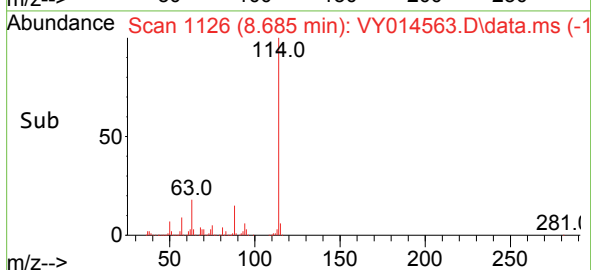
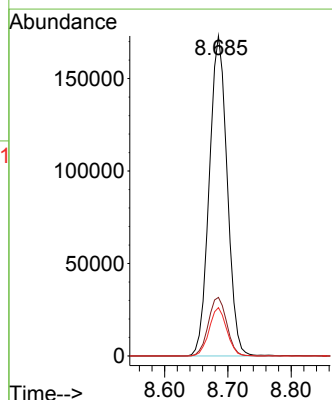
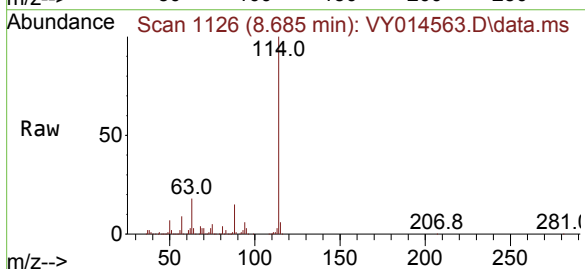
Tgt Ion: 114 Resp: 340424

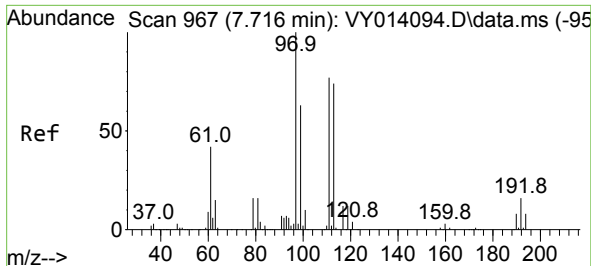
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.1 0.0 30.6

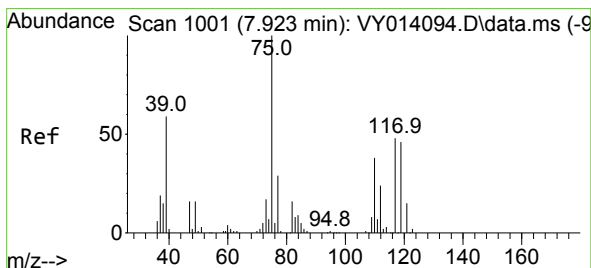
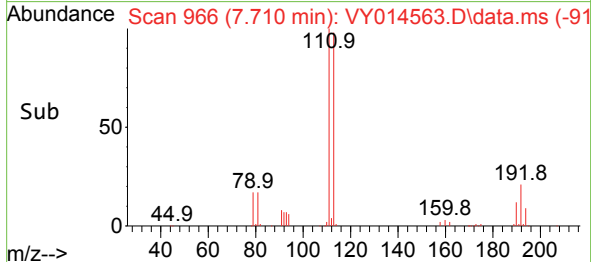
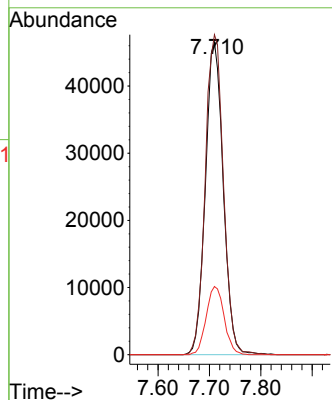
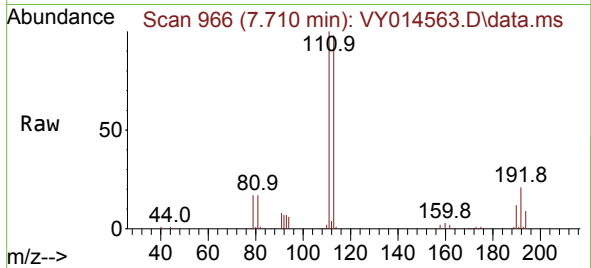




#35
Dibromofluoromethane
Concen: 53.460 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

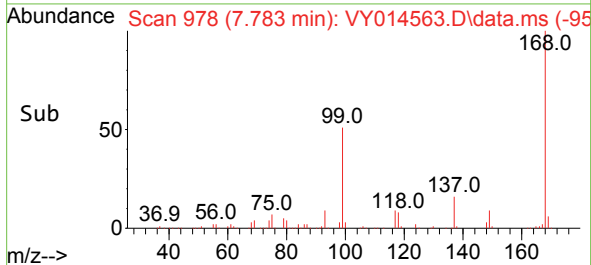
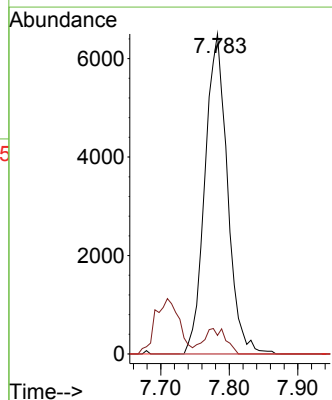
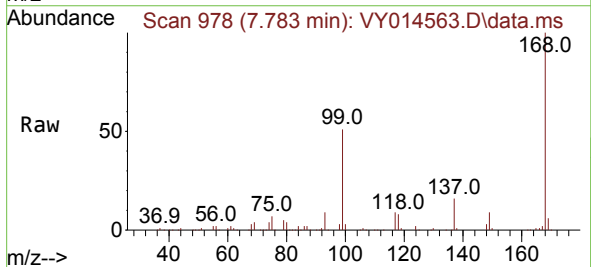
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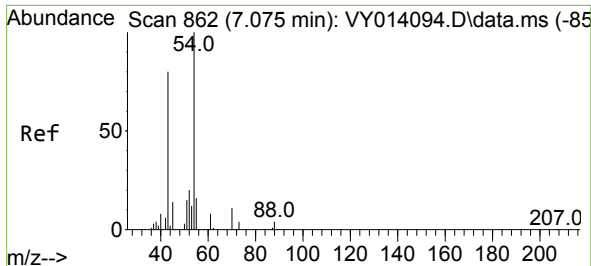
Tgt Ion:113 Resp: 112072
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 22.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 75 Resp: 14835
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 14.148 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY014563.D

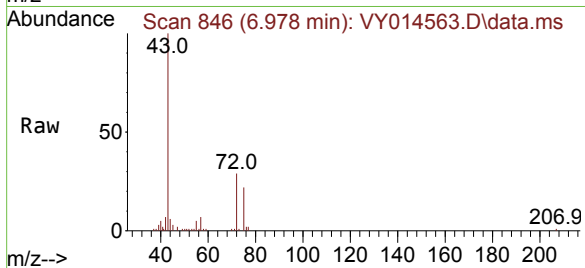
Acq: 05 Jul 2023 17:08

Instrument :

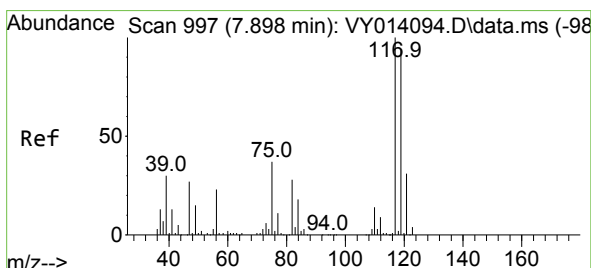
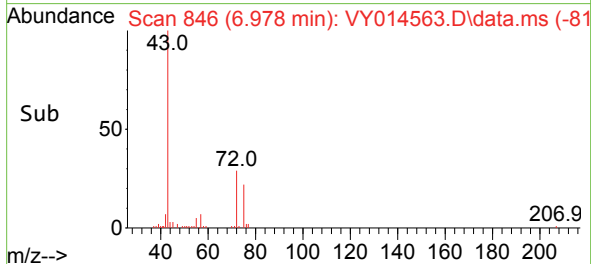
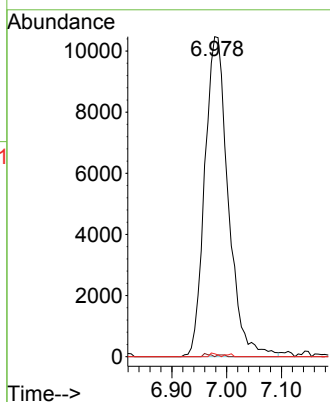
MSVOA_Y

ClientSampleId :

WC-WWS-06-G



Tgt Ion:	43	Resp:	31150
Ion	Ratio	Lower	Upper
43	100		
61	0.3	10.1	15.1#
70	0.3	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.640 ug/l

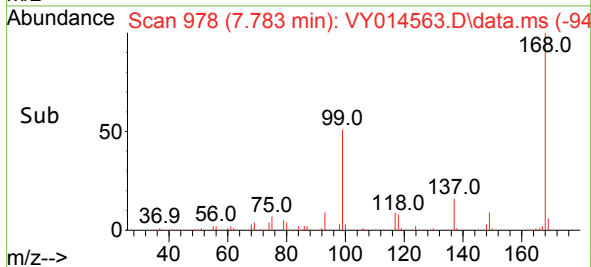
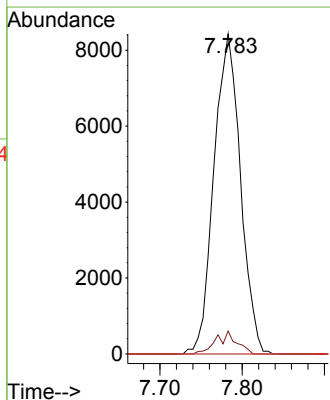
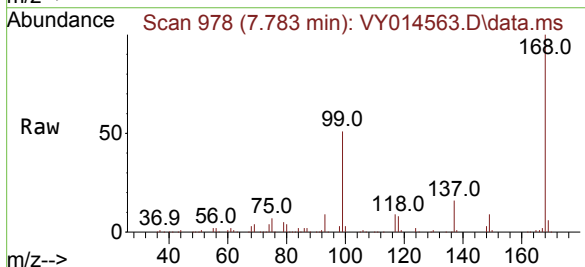
RT: 7.783 min Scan# 978

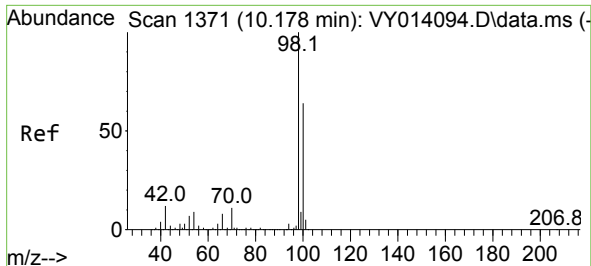
Delta R.T. -0.115 min

Lab File: VY014563.D

Acq: 05 Jul 2023 17:08

Tgt Ion:	117	Resp:	18900
Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.4	114.6#
121	0.0	25.8	38.6#

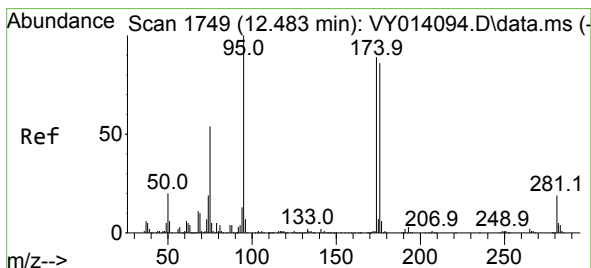
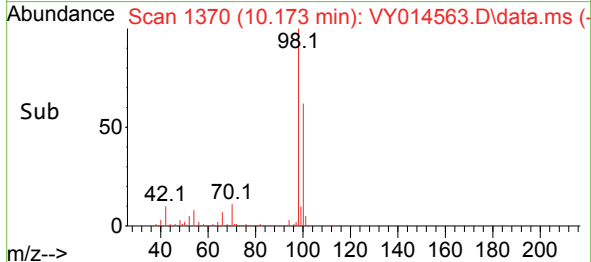
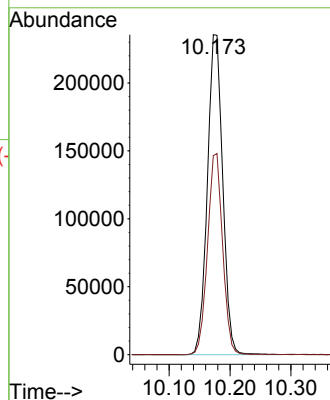
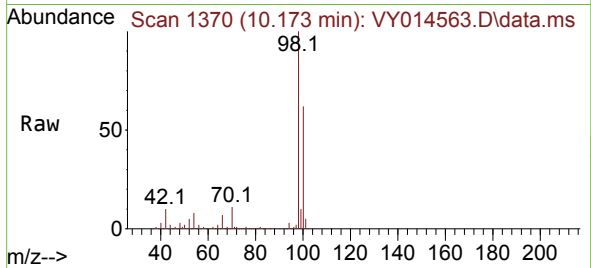




#50
Toluene-d8
Concen: 49.729 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

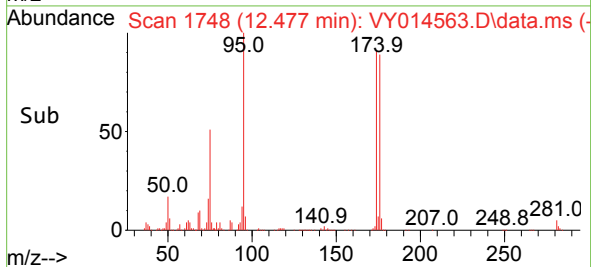
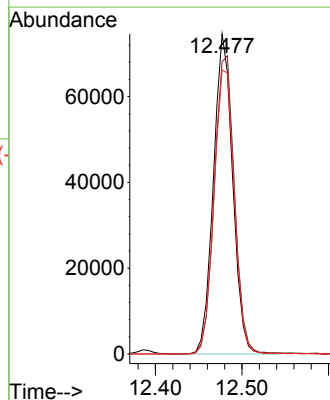
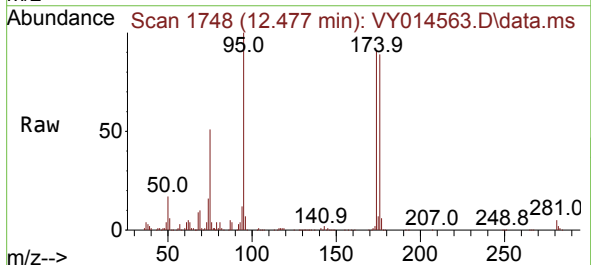
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

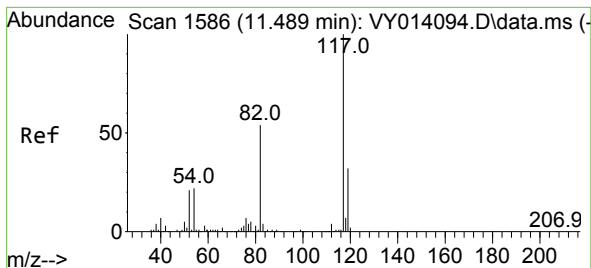
Tgt Ion: 98 Resp: 412112
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.064 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 95 Resp: 115290
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 93.8 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: VY014563.D

Acq: 05 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-06-G

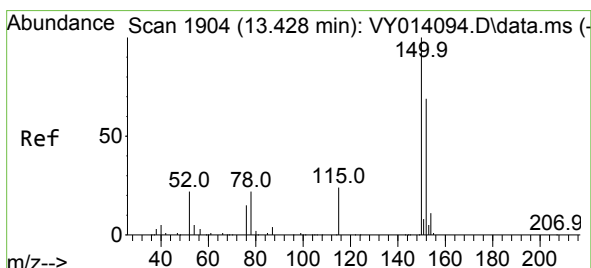
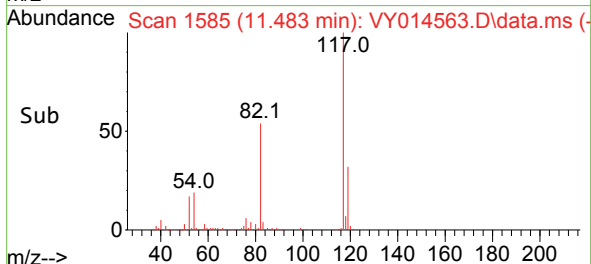
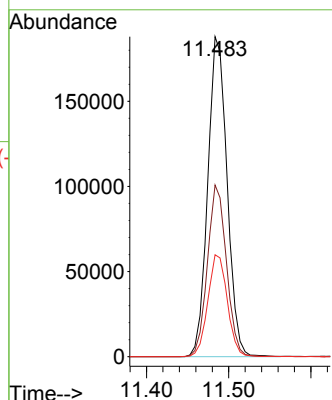
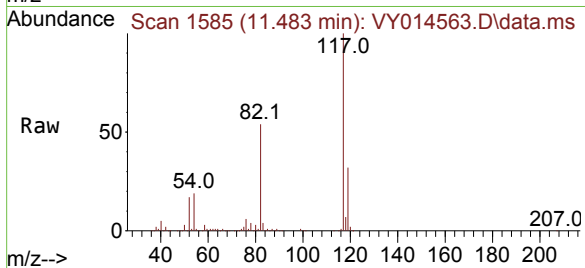
Tgt Ion:117 Resp: 307443

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.9 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: VY014563.D

Acq: 05 Jul 2023 17:08

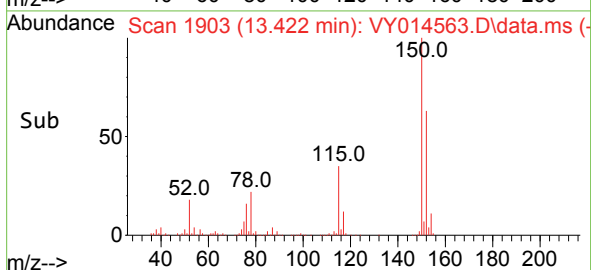
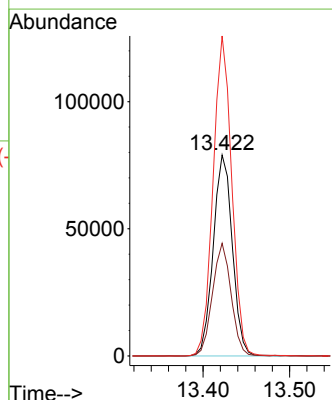
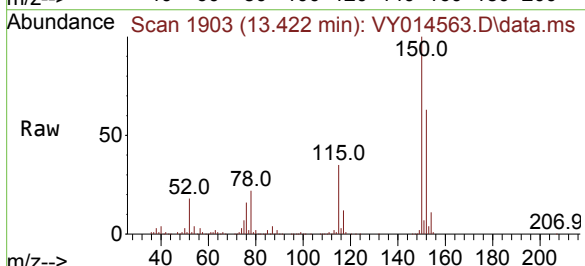
Tgt Ion:152 Resp: 121104

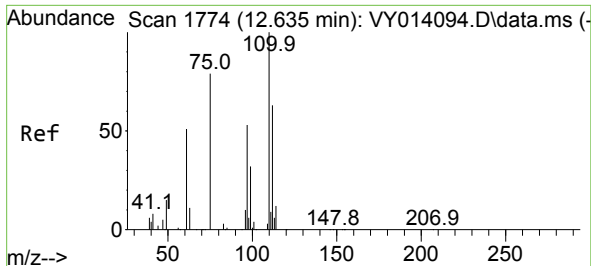
Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 155.7 0.0 348.8

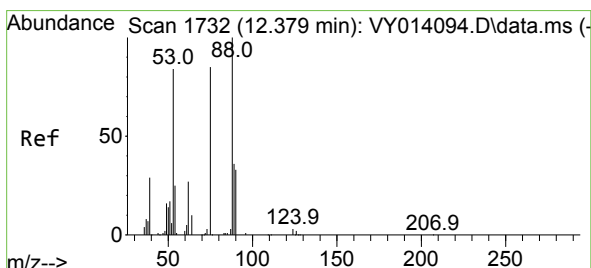
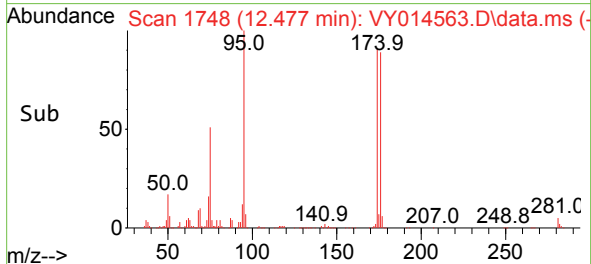
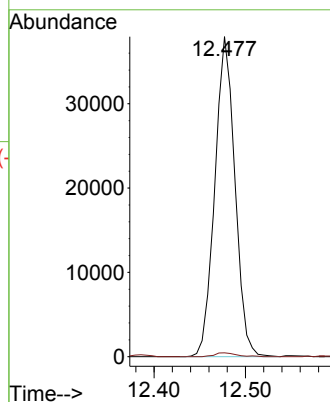
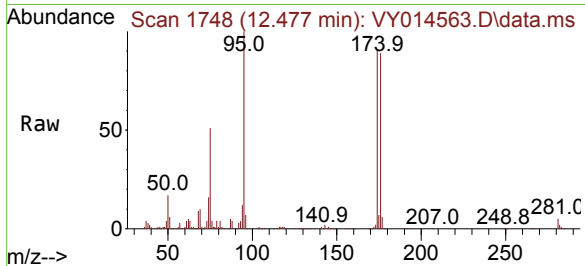




#76
1,2,3-Trichloropropane
Concen: 40.839 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

Tgt Ion: 75 Resp: 58036
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.489 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 75 Resp: 58036
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

