

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014537.D
 Acq On : 03 Jul 2023 15:56
 Operator : KP/MD
 Sample : 03510-14
 Misc : 12.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-10-G

Quant Time: Jul 04 03:02:11 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)

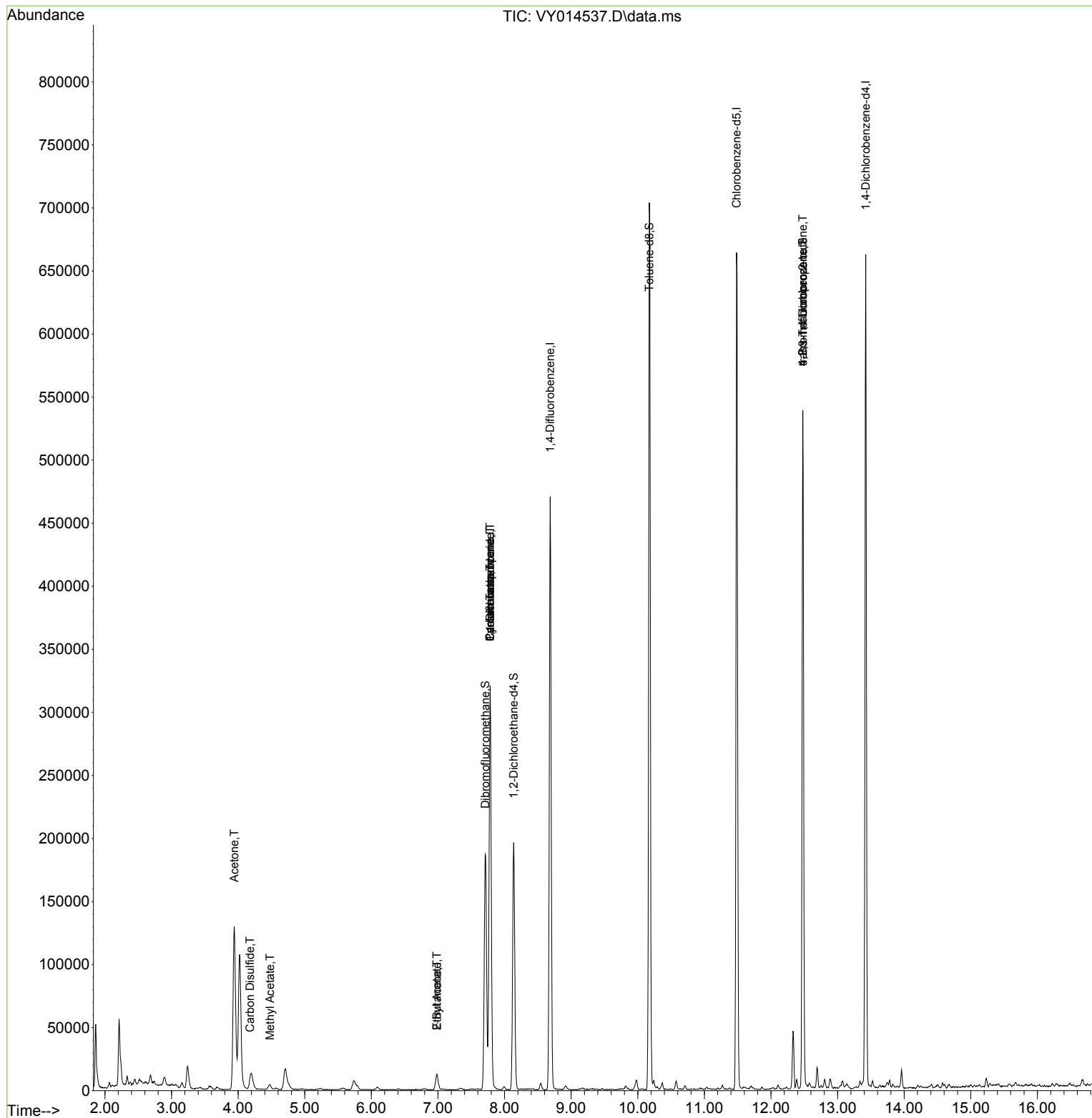
Internal Standards						
1) Pentafluorobenzene	7.783	168	272888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	402346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	152952	56.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.680%	
35) Dibromofluoromethane	7.710	113	137991	52.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.040%	
50) Toluene-d8	10.173	98	504535	48.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.160%	
62) 4-Bromofluorobenzene	12.477	95	162847	45.152	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	92	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	1233	Below Cal	#	98
13) Acrolein	3.753	56	61	Below Cal	#	14
16) Acetone	3.942	43	221703	261.516	ug/l #	83
17) Carbon Disulfide	4.180	76	13502	1.731	ug/l	99
18) Methyl Acetate	4.479	43	8258	2.140	ug/l	91
20) Methylene Chloride	4.710	84	13216	Below Cal	#	81
25) 2-Butanone	6.984	43	18369	14.634	ug/l	91
31) Cyclohexane	7.783	56	4625	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16864	4.191	ug/l #	49
37) Ethyl Acetate	6.984	43	18369	6.657	ug/l #	71
38) Carbon Tetrachloride	7.783	117	23148	5.511	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	73966	34.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73966	67.137	ug/l #	11

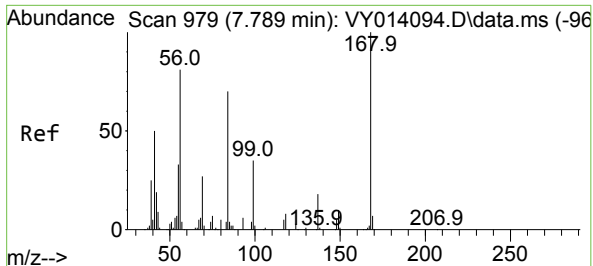
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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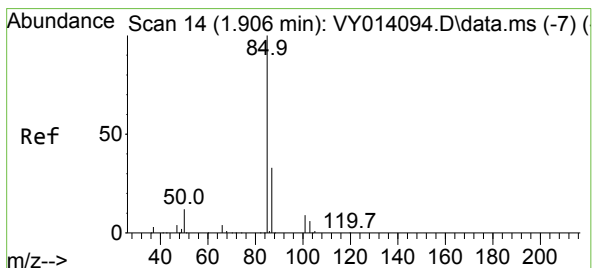
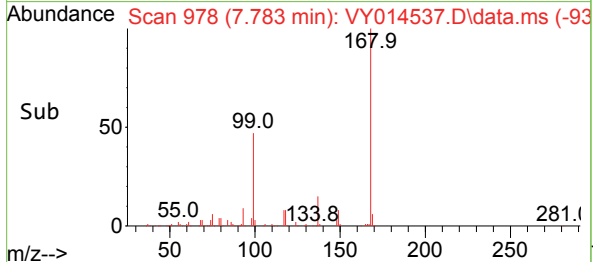
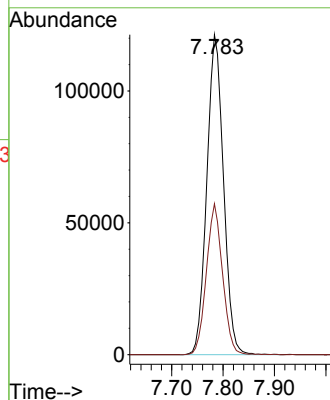
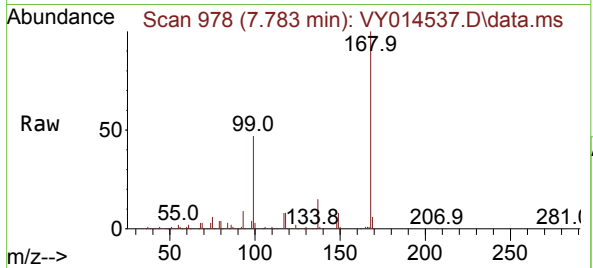




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

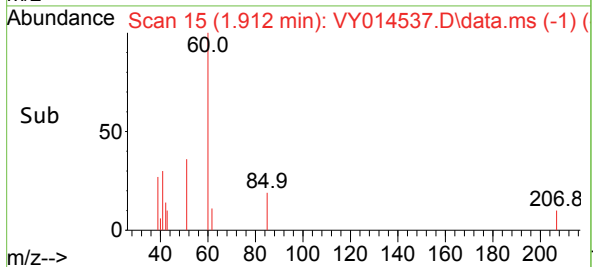
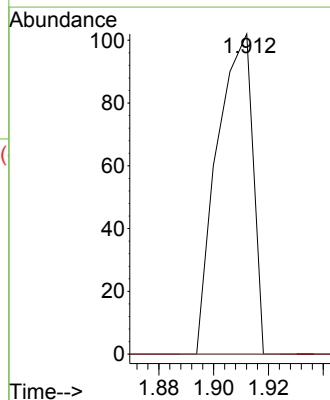
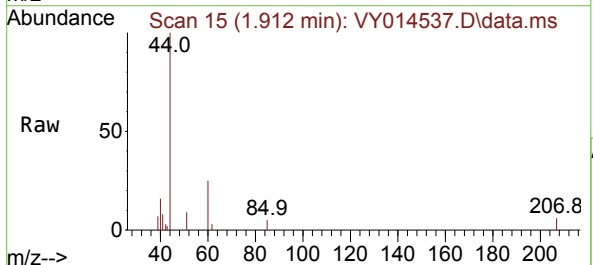
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

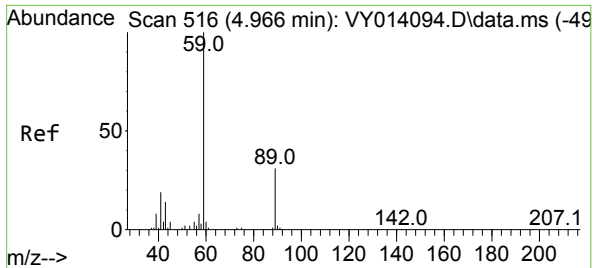
Tgt Ion:168 Resp: 272888
Ion Ratio Lower Upper
168 100
99 47.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 85 Resp: 92
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

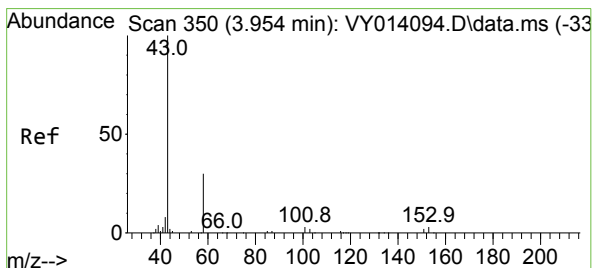
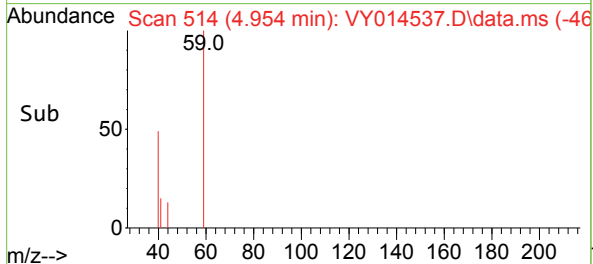
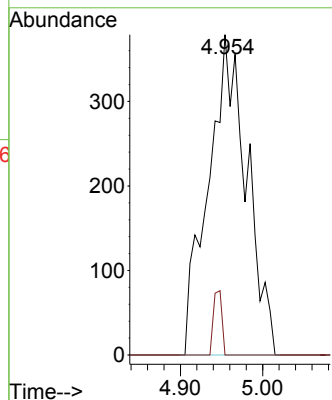
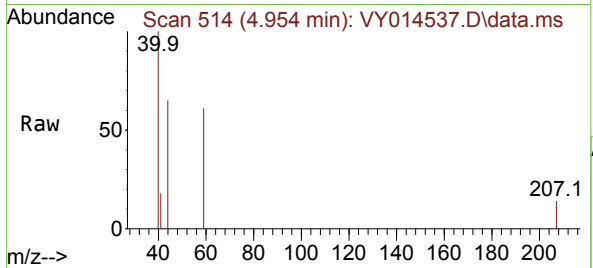




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

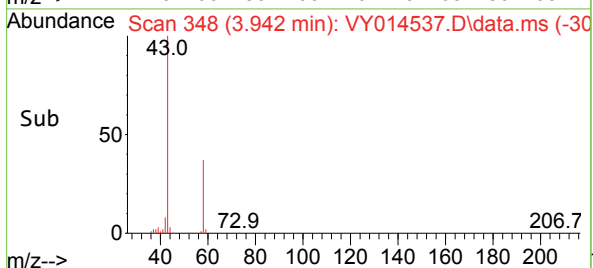
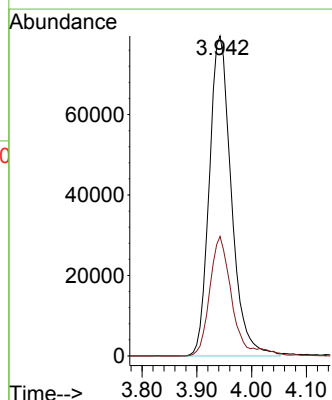
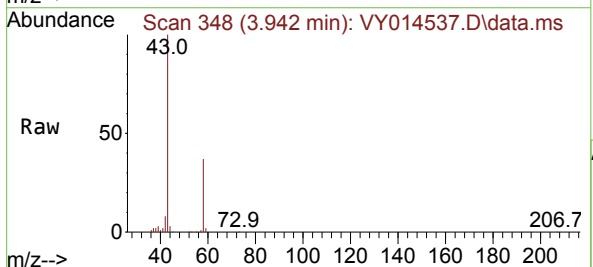
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

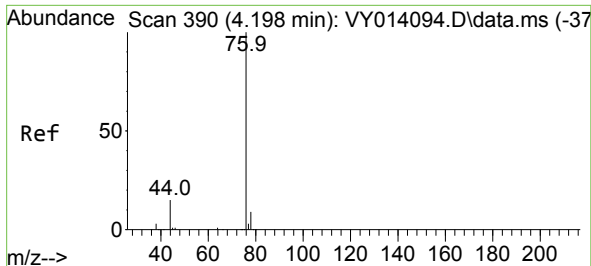
Tgt Ion: 59 Resp: 1233
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.4#



#16
Acetone
Concen: 261.516 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 43 Resp: 221703
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#

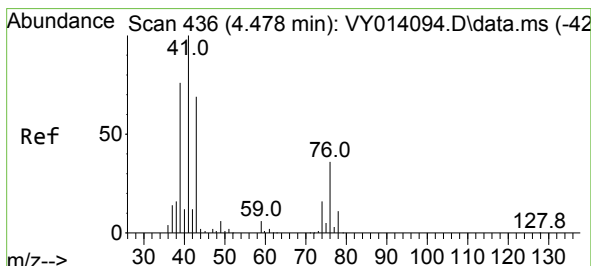
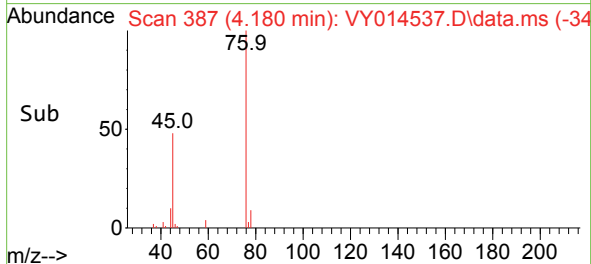
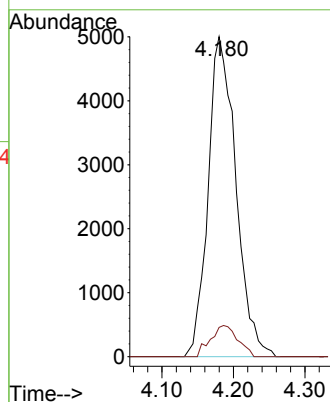
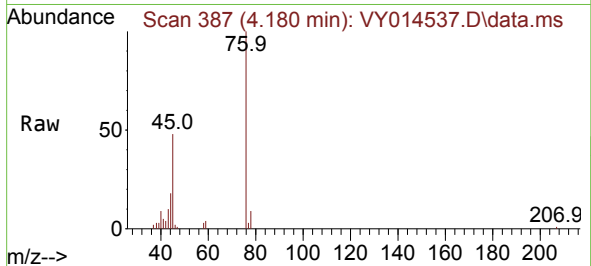




#17
Carbon Disulfide
Concen: 1.731 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

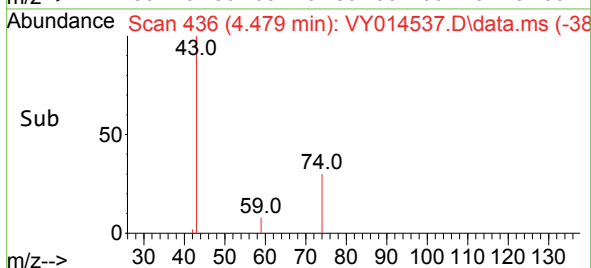
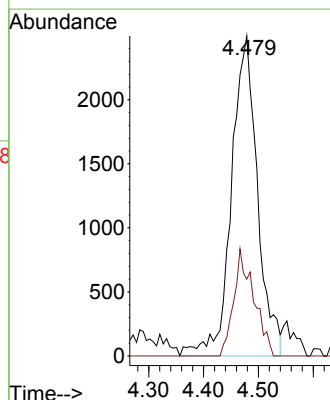
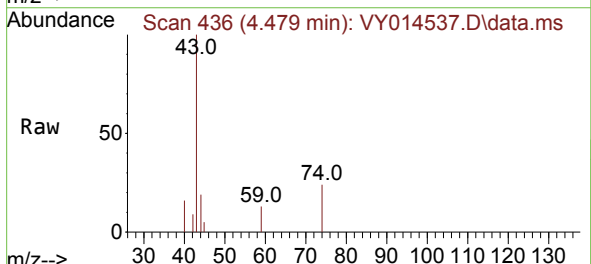
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

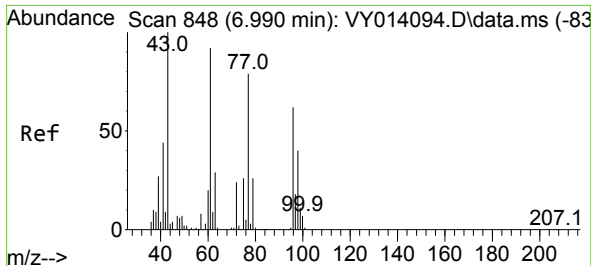
Tgt Ion: 76 Resp: 13502
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 2.140 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 43 Resp: 8258
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

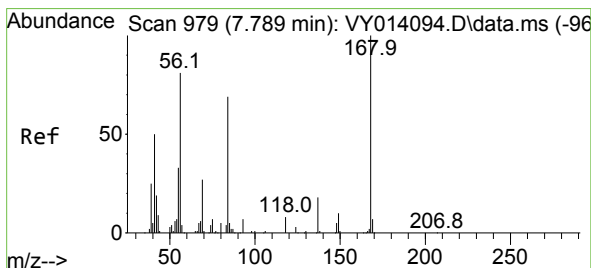
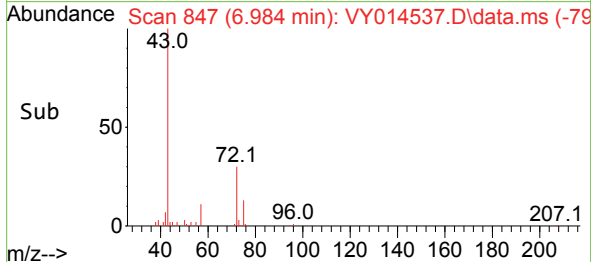
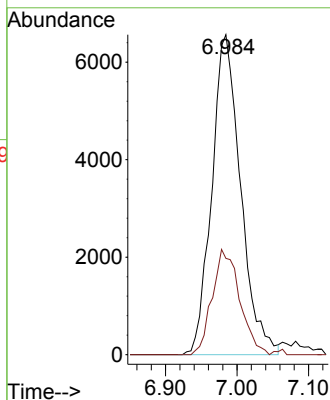
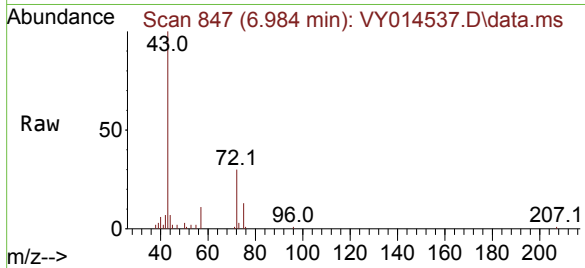




#25
2-Butanone
Concen: 14.634 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

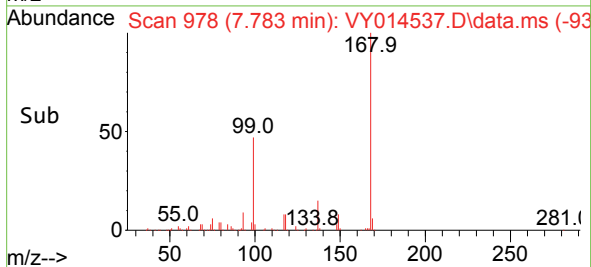
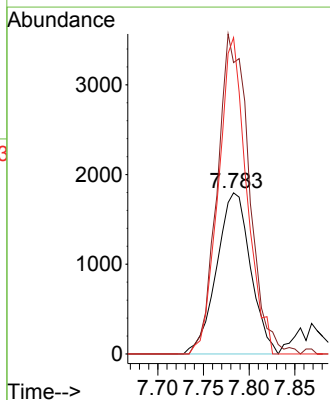
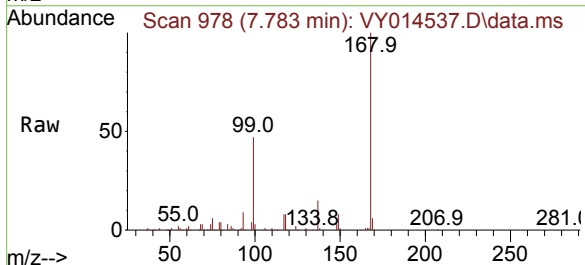
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

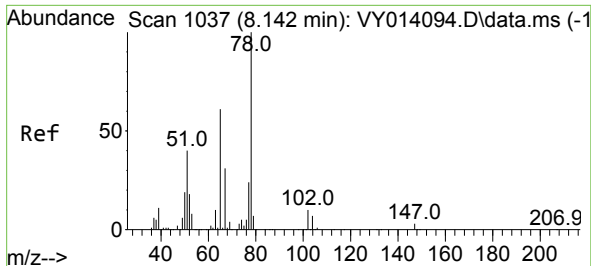
Tgt Ion: 43 Resp: 18369
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 56 Resp: 4625
Ion Ratio Lower Upper
56 100
69 180.8 27.8 41.6#
84 196.3 66.4 99.6#

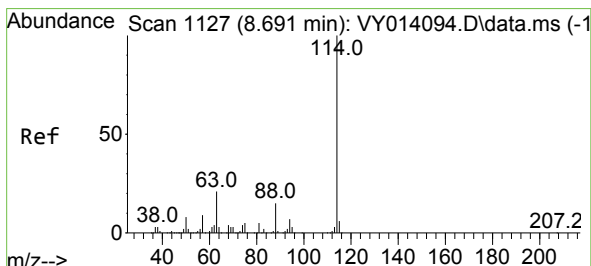
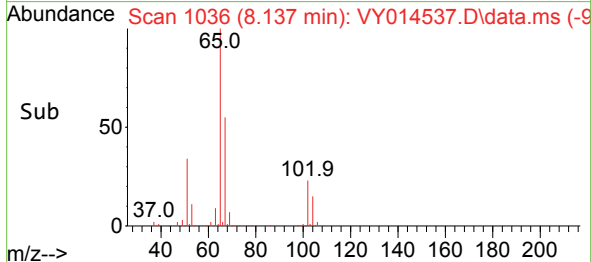
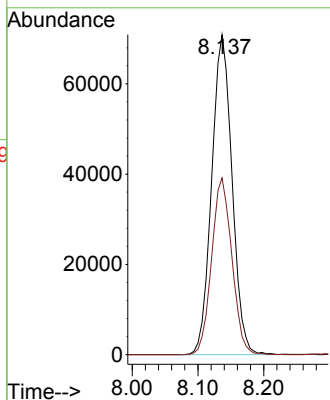
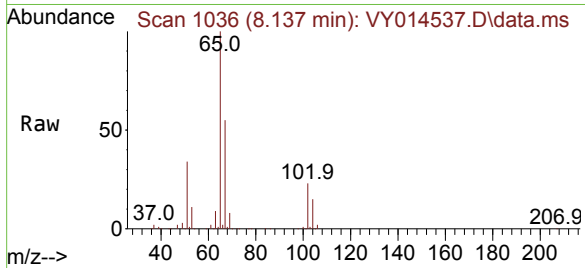




#33
 1,2-Dichloroethane-d4
 Concen: 56.343 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.005 min
 Lab File: VY014537.D
 Acq: 03 Jul 2023 15:56

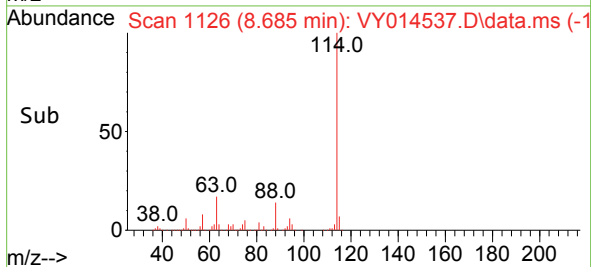
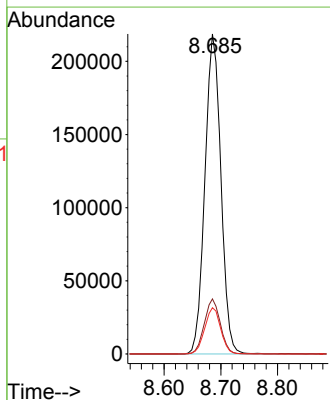
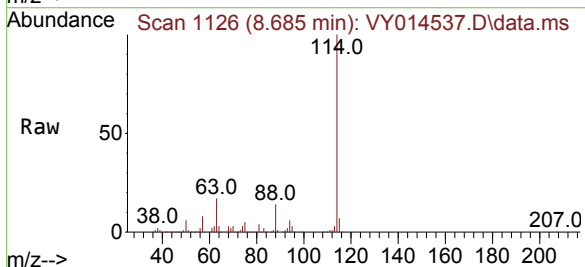
Instrument :
 MSVOA_Y
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 WC-WWS-10-G

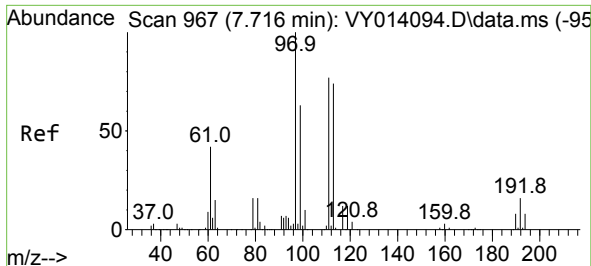
Tgt Ion: 65 Resp: 152952
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014537.D
 Acq: 03 Jul 2023 15:56

Tgt Ion: 114 Resp: 426668
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 42.4
 88 14.4 0.0 30.6

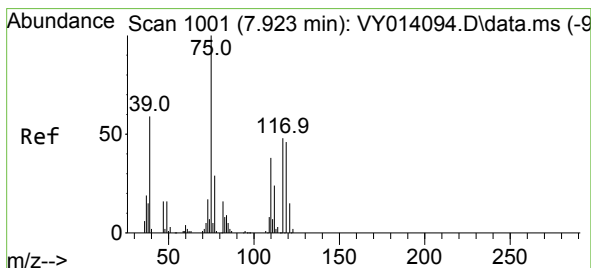
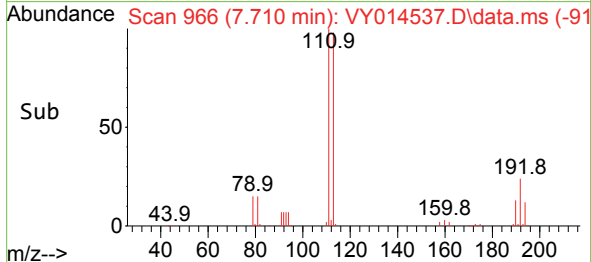
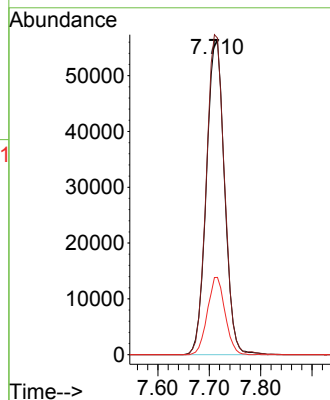
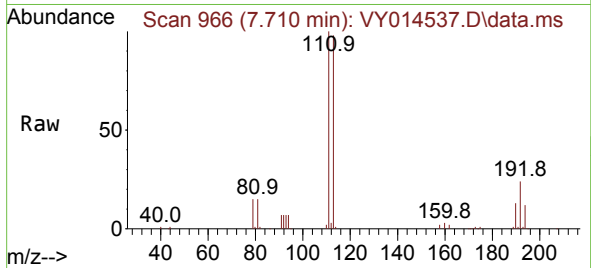




#35
Dibromofluoromethane
Concen: 52.519 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

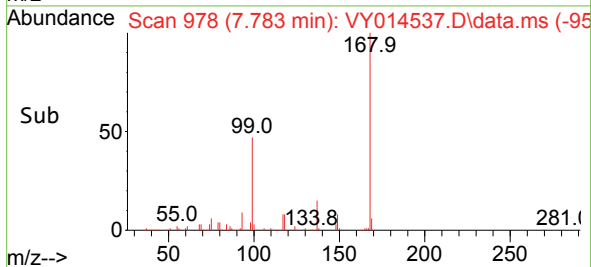
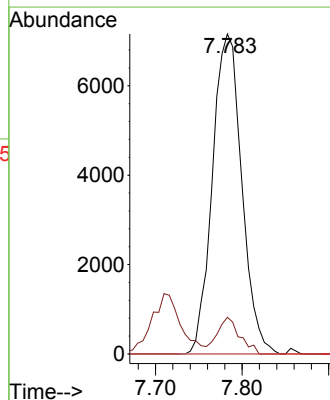
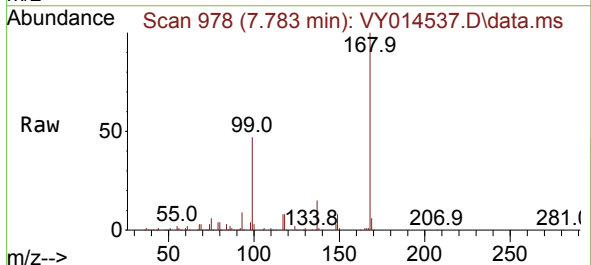
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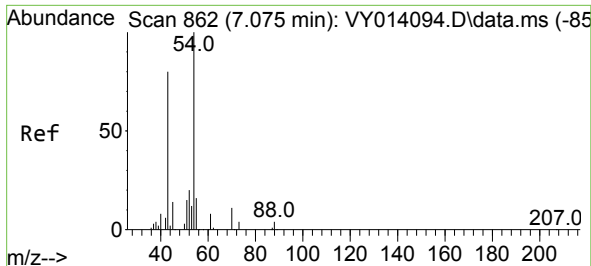
Tgt Ion:113 Resp: 137991
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 24.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.191 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 75 Resp: 16864
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 6.657 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY014537.D

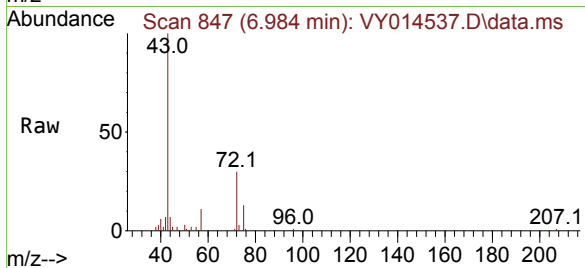
Acq: 03 Jul 2023 15:56

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-10-G



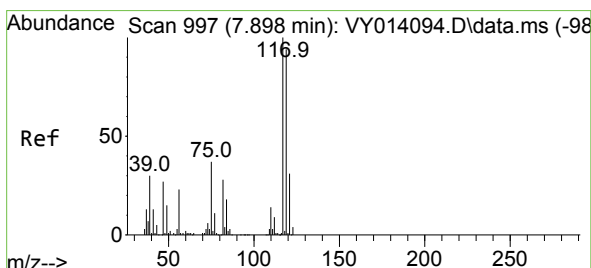
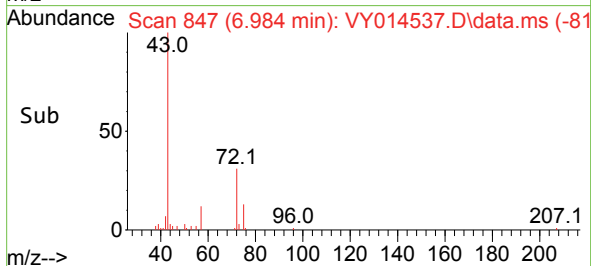
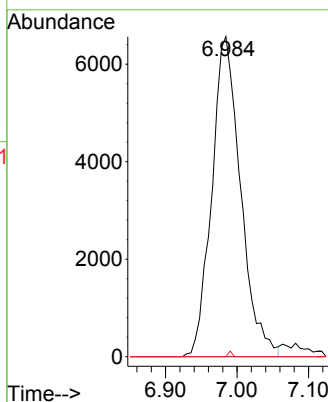
Tgt Ion: 43 Resp: 18369

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.511 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014537.D

Acq: 03 Jul 2023 15:56

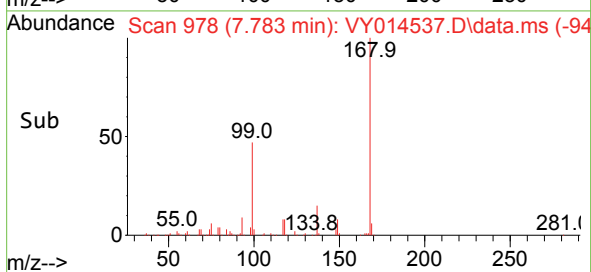
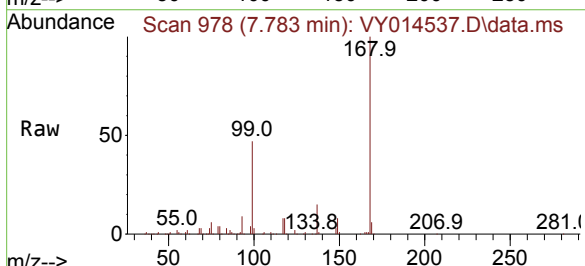
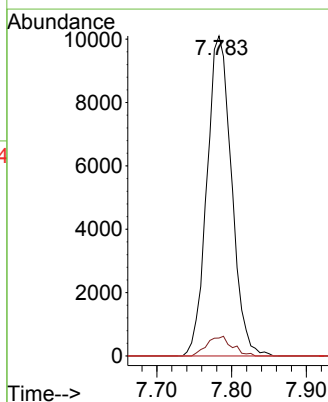
Tgt Ion: 117 Resp: 23148

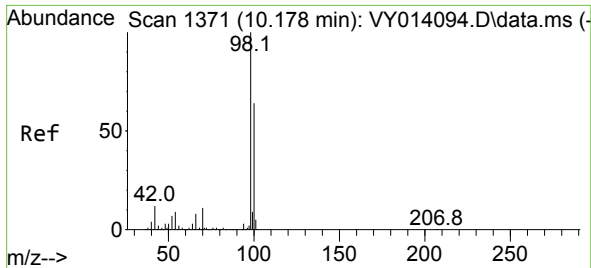
Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#

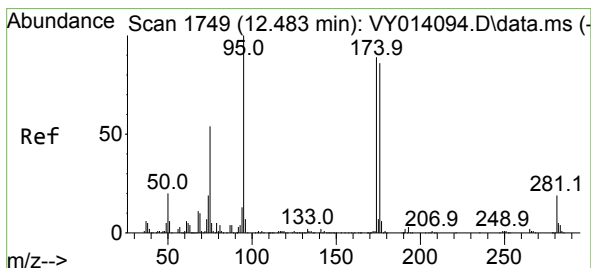
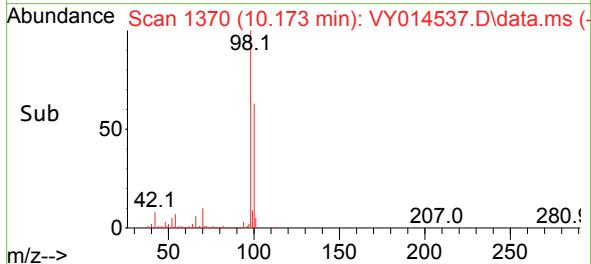
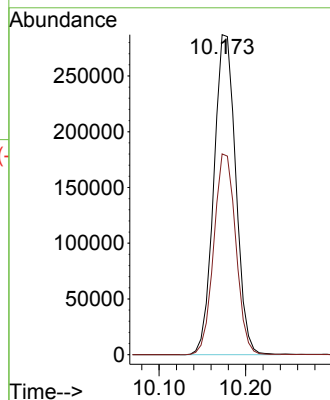
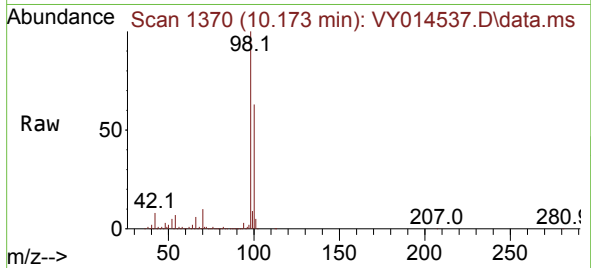




#50
Toluene-d8
Concen: 48.576 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

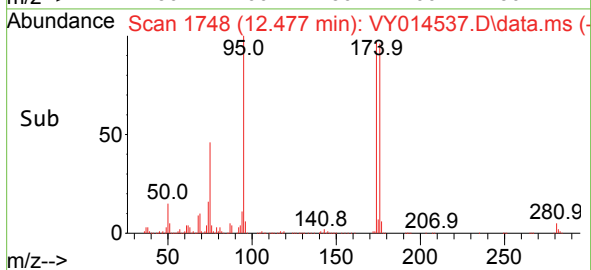
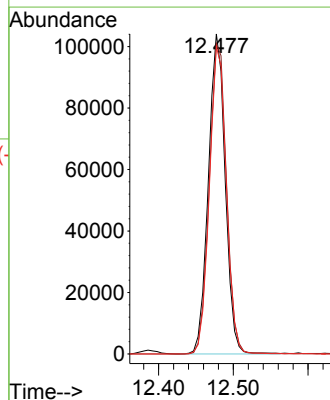
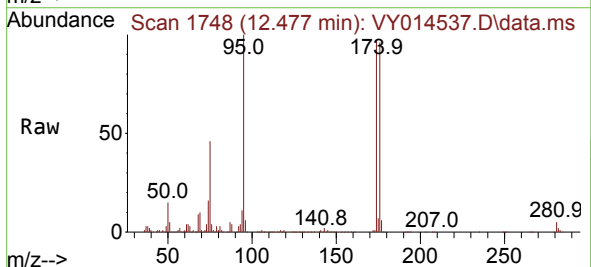
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

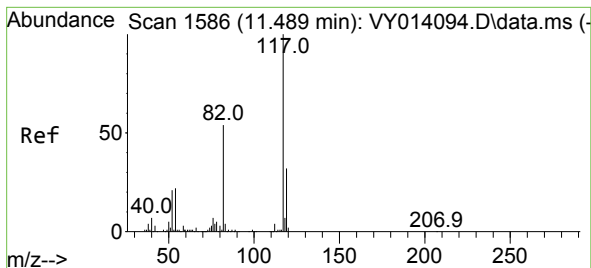
Tgt Ion: 98 Resp: 504535
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 95 Resp: 162847
Ion Ratio Lower Upper
95 100
174 99.5 0.0 178.2
176 96.3 0.0 173.8

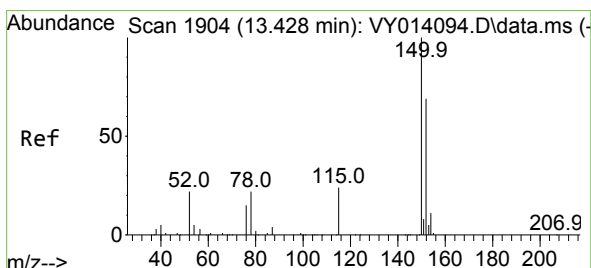
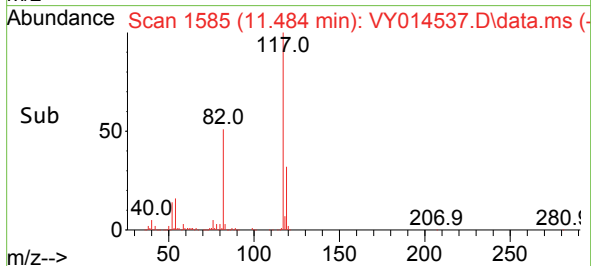
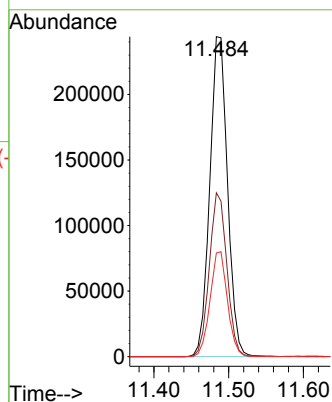
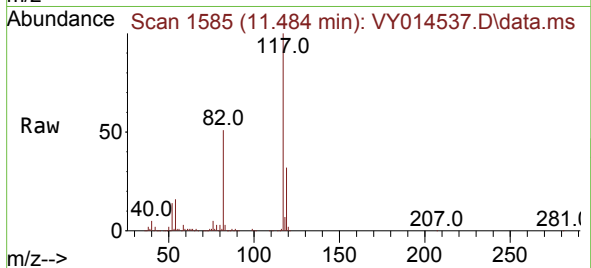




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

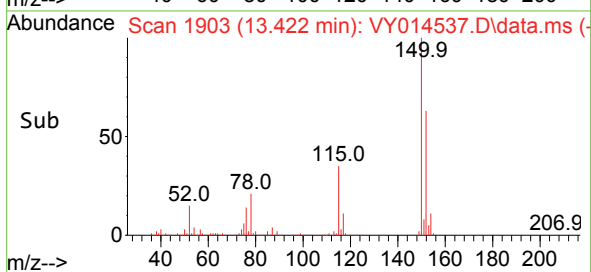
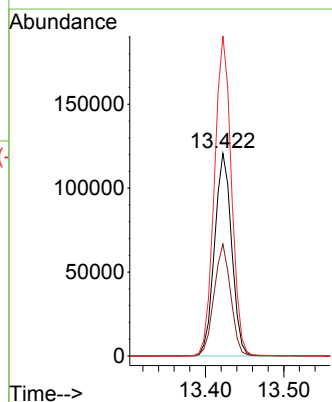
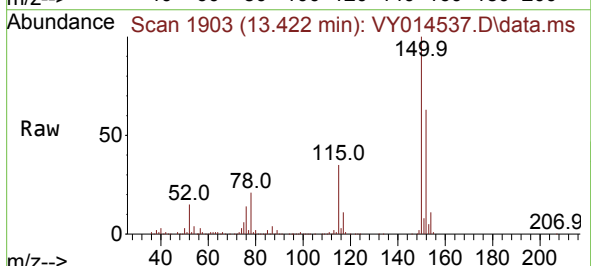
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

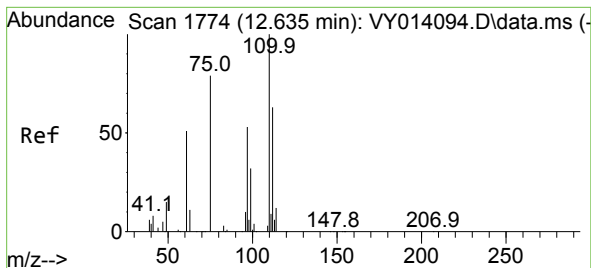
Tgt Ion:117 Resp: 402346
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion:152 Resp: 182740
Ion Ratio Lower Upper
152 100
115 53.9 28.8 86.5
150 157.6 0.0 348.8

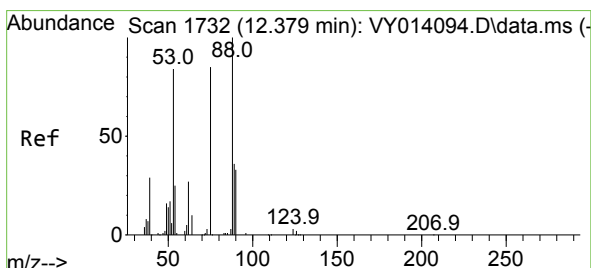
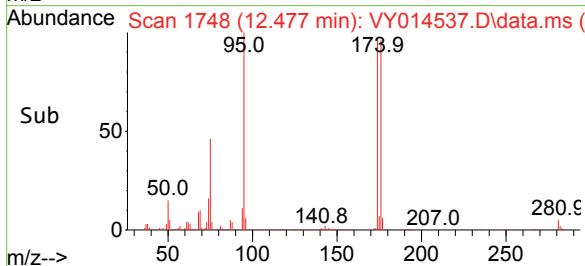
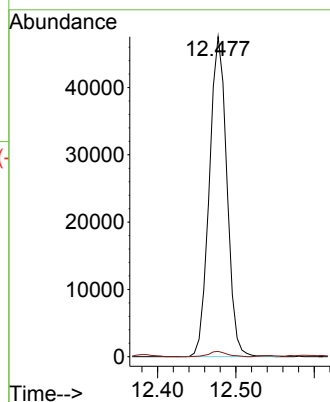
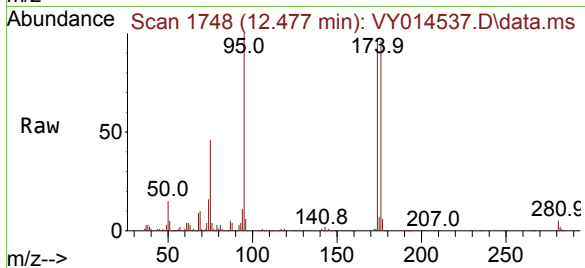




#76
1,2,3-Trichloropropane
Concen: 34.493 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-10-G

Tgt Ion: 75 Resp: 73966
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.137 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014537.D
Acq: 03 Jul 2023 15:56

Tgt Ion: 75 Resp: 73966
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#

