

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014536.D
 Acq On : 03 Jul 2023 15:32
 Operator : KP/MD
 Sample : 03510-09
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-07-G

Quant Time: Jul 04 03:01:50 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)

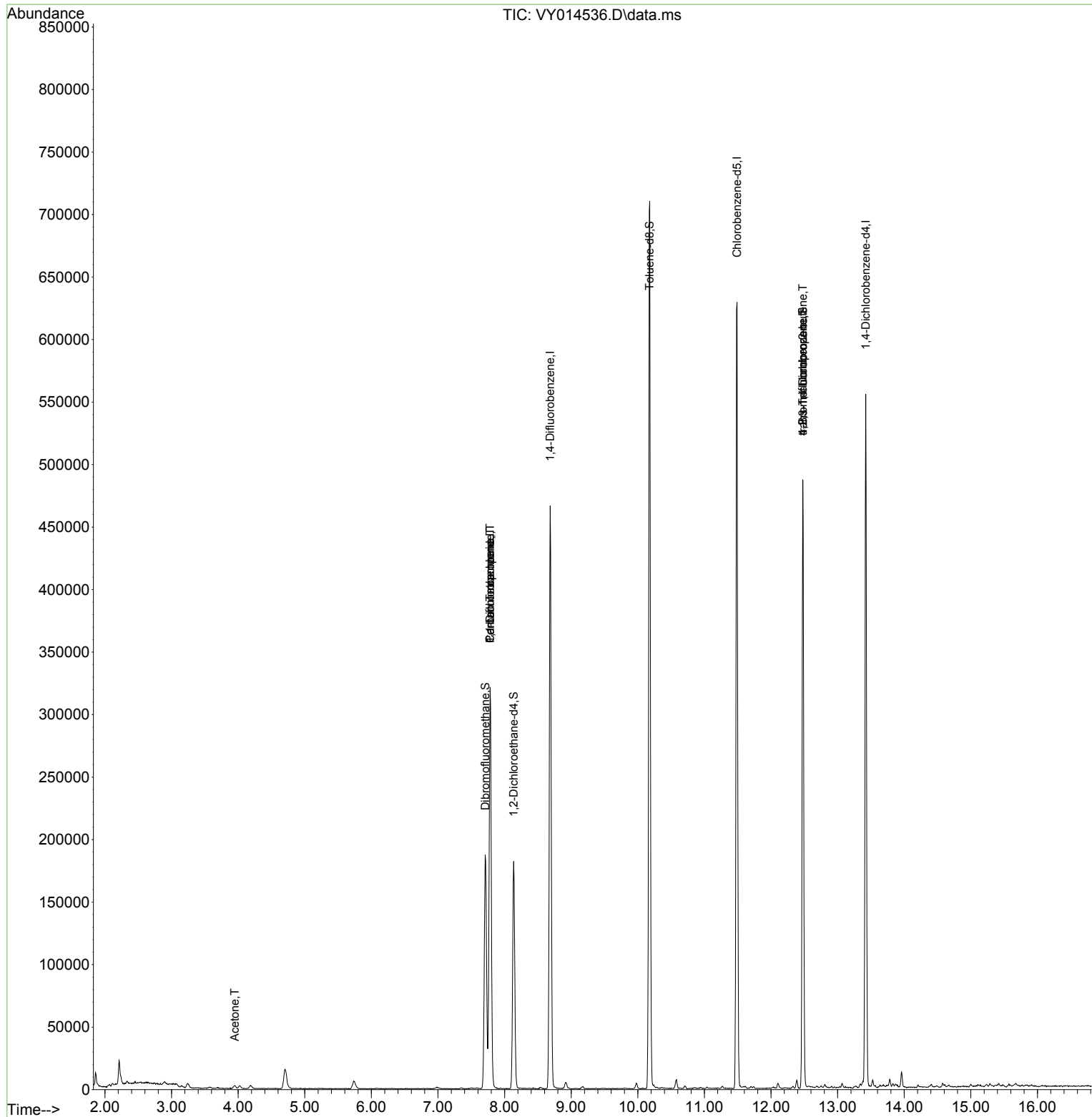
Internal Standards						
1) Pentafluorobenzene	7.783	168	275668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143092	52.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.360%	
35) Dibromofluoromethane	7.710	113	134523	50.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.860%	
50) Toluene-d8	10.179	98	497826	47.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.477	95	145918	40.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	129	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	237	Below Cal	#	89
16) Acetone	3.948	43	4126	4.818	ug/l #	83
20) Methylene Chloride	4.698	84	12784	Below Cal	#	75
36) 1,1-Dichloropropene	7.783	75	17747	4.388	ug/l #	49
38) Carbon Tetrachloride	7.783	117	23089	5.468	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	67034	35.673	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67034	69.433	ug/l #	11

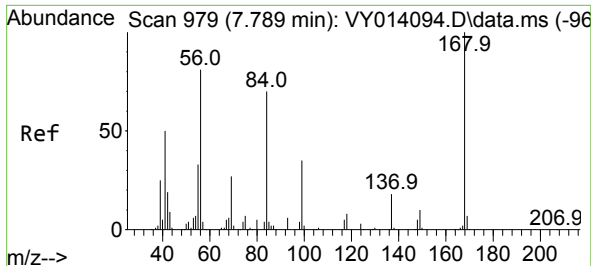
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
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Quant Title : SW846 8260
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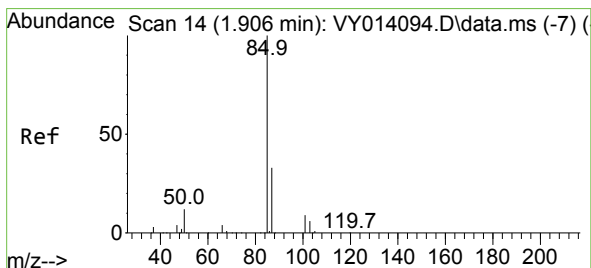
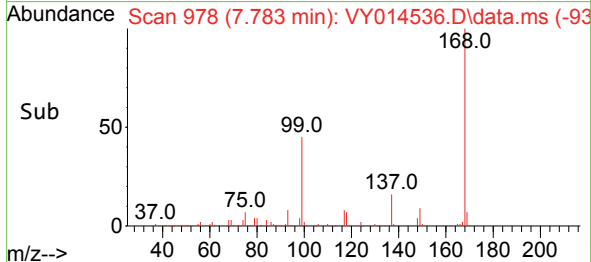
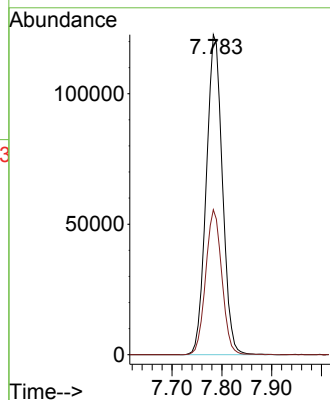
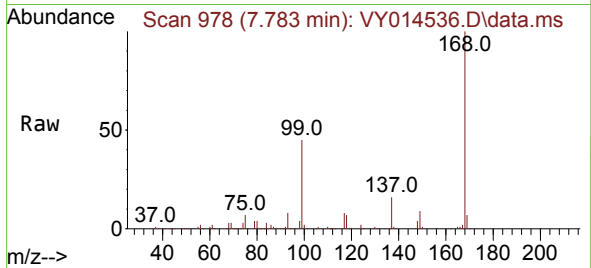




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

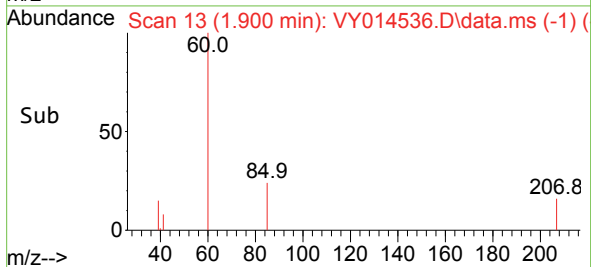
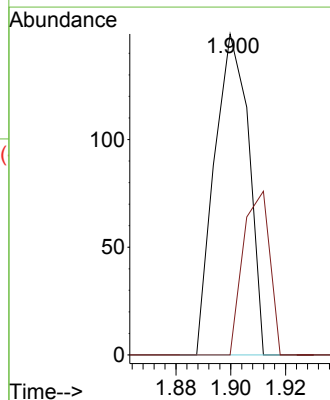
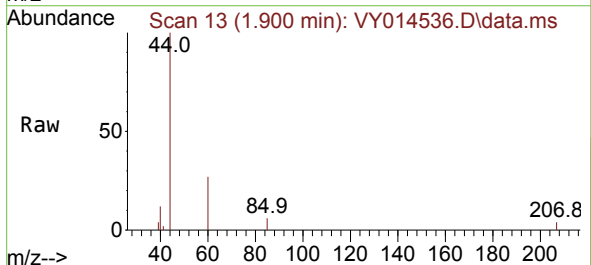
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

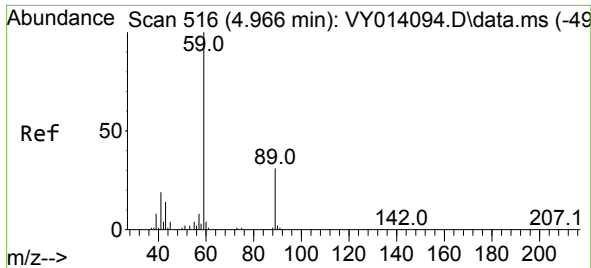
Tgt Ion:168 Resp: 275668
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 85 Resp: 129
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

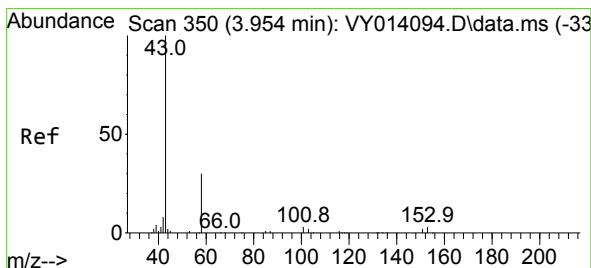
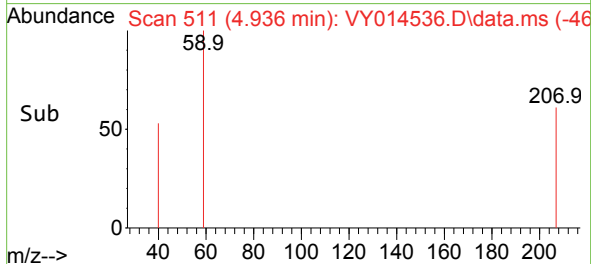
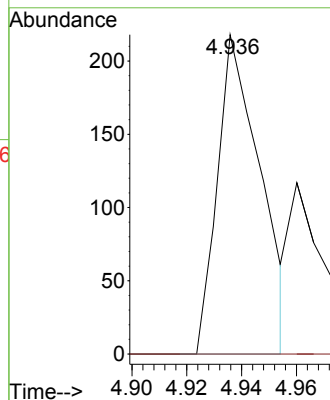
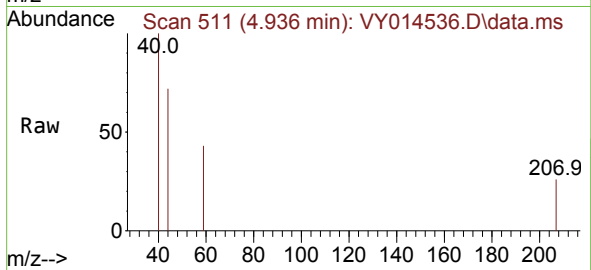




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 516
Delta R.T. -0.030 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

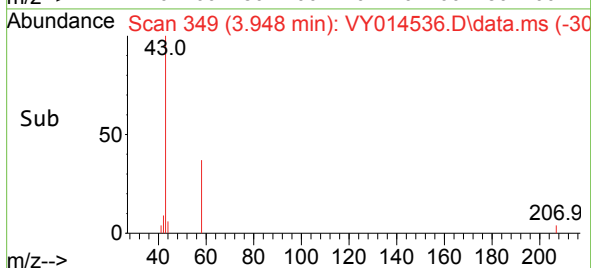
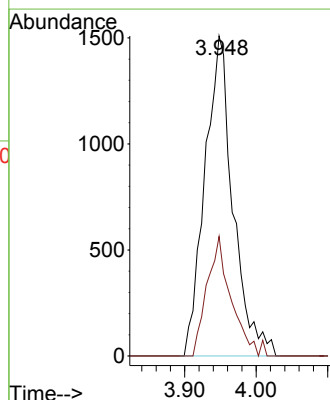
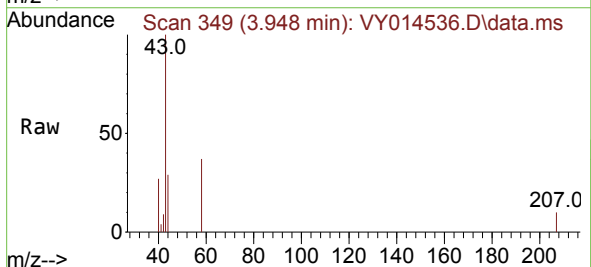
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

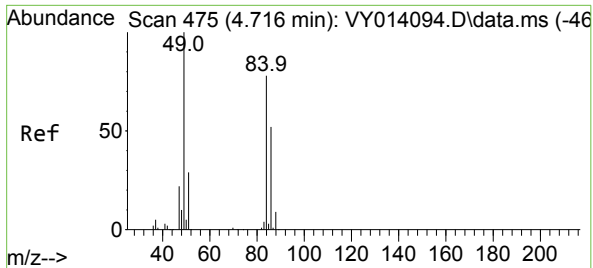
Tgt Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 4.818 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

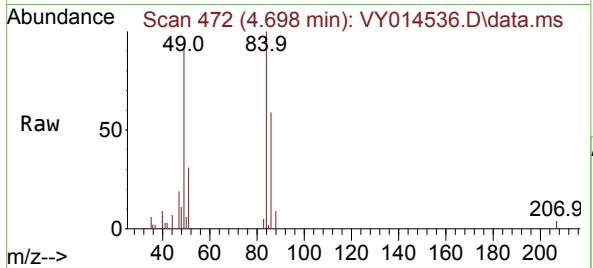
Tgt Ion: 43 Resp: 4126
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#



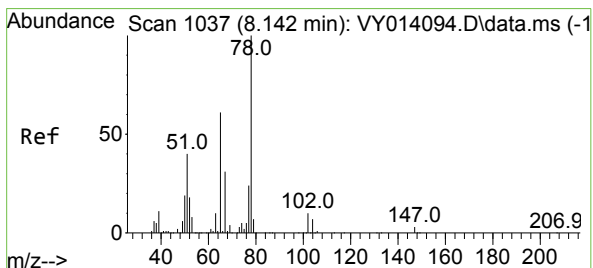
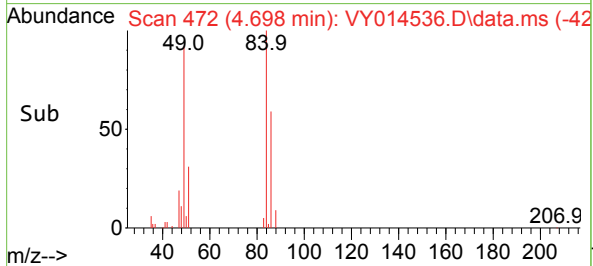
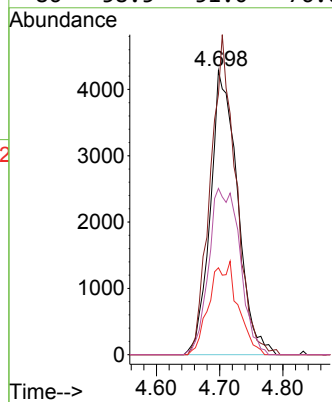


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

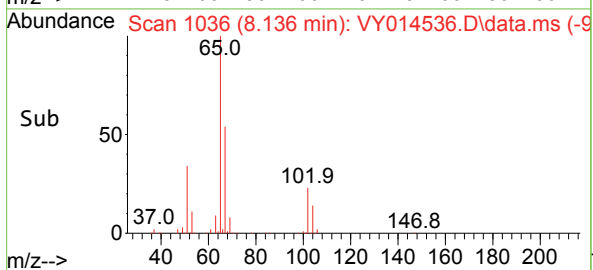
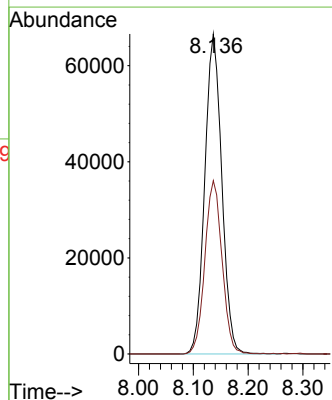
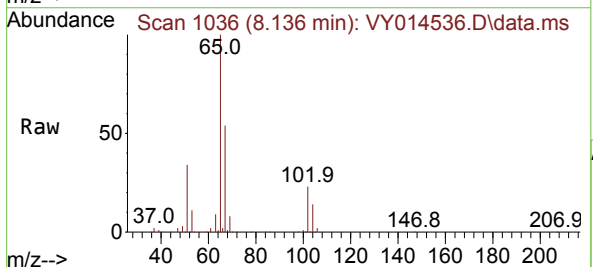


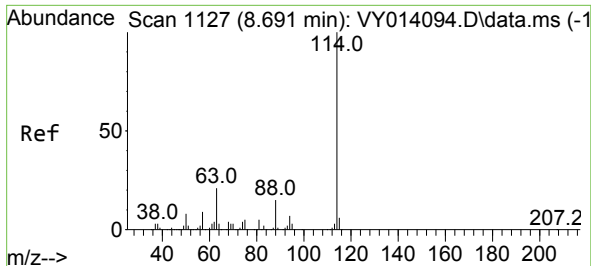
Tgt Ion: 84 Resp: 12784
Ion Ratio Lower Upper
84 100
49 91.6 106.9 160.3#
51 30.6 33.2 49.8#
86 58.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.180 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 65 Resp: 143092
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

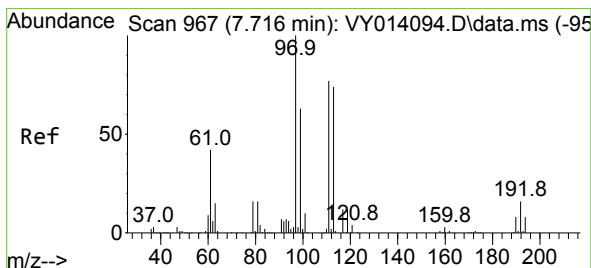
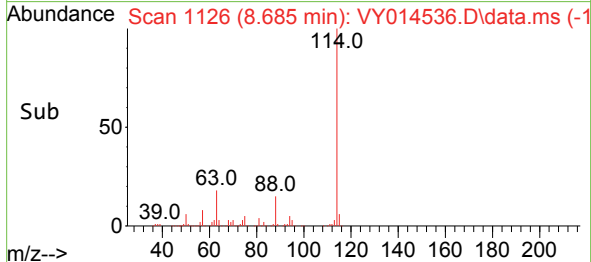
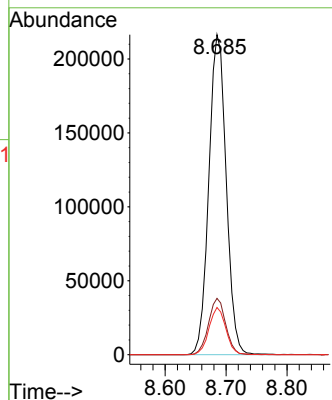
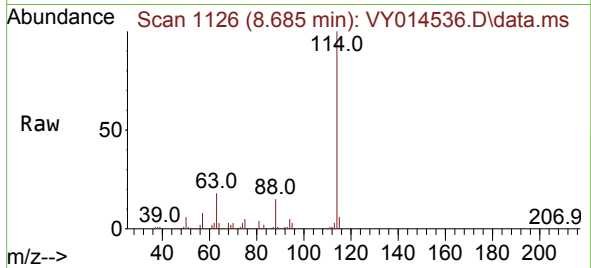




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

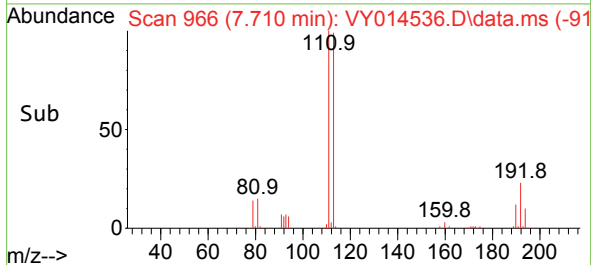
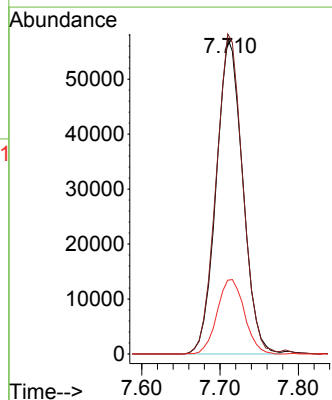
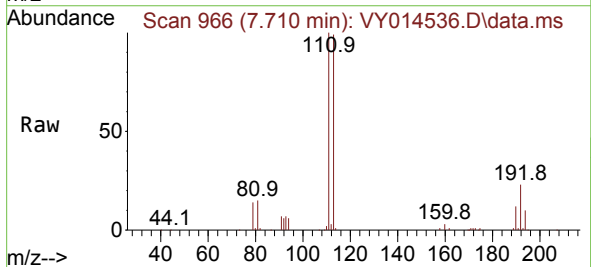
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

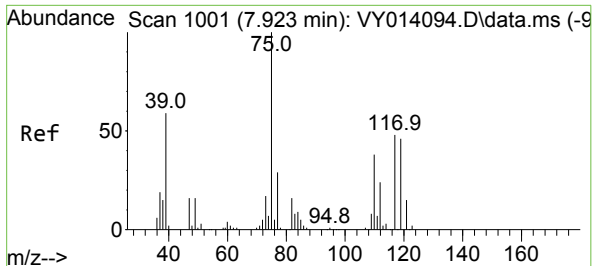
Tgt Ion:114 Resp: 428897
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.933 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion:113 Resp: 134523
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 24.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.388 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY014536.D

Acq: 03 Jul 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-07-G

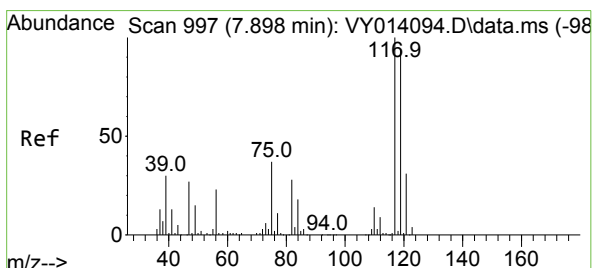
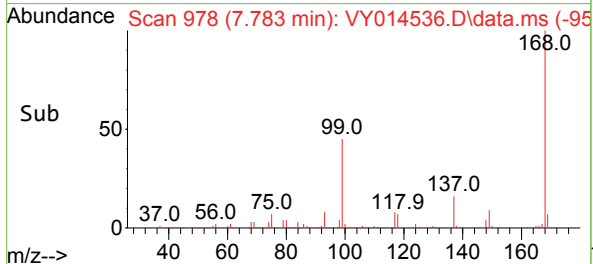
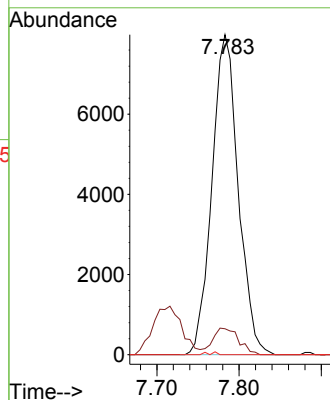
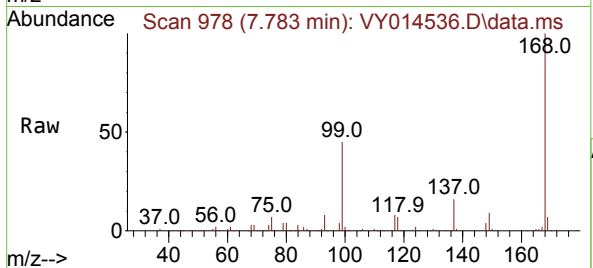
Tgt Ion: 75 Resp: 17747

Ion Ratio Lower Upper

75 100

110 8.3 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.468 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014536.D

Acq: 03 Jul 2023 15:32

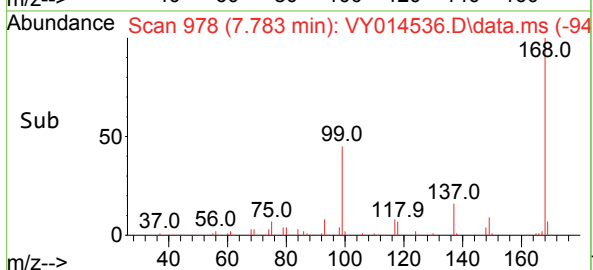
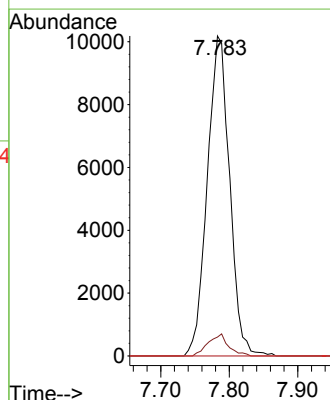
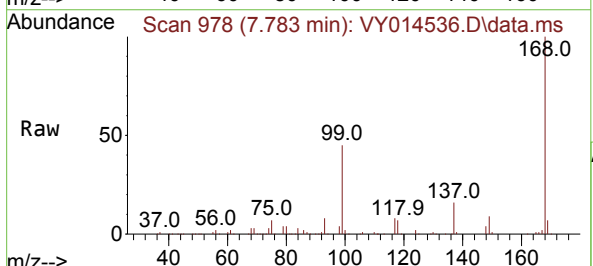
Tgt Ion: 117 Resp: 23089

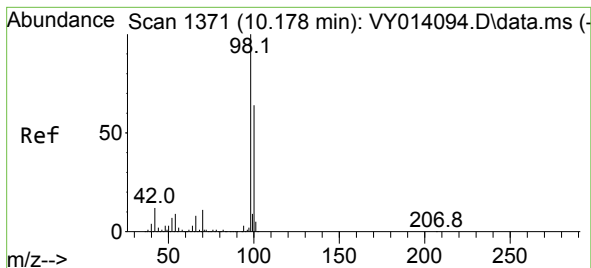
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#

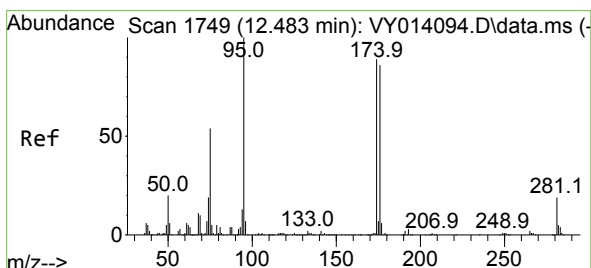
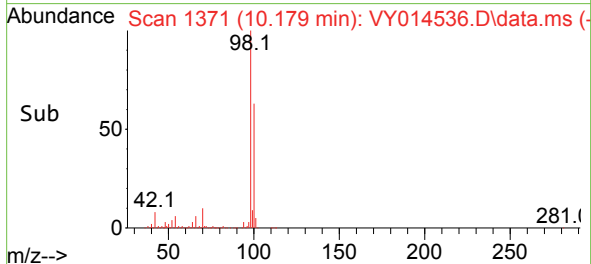
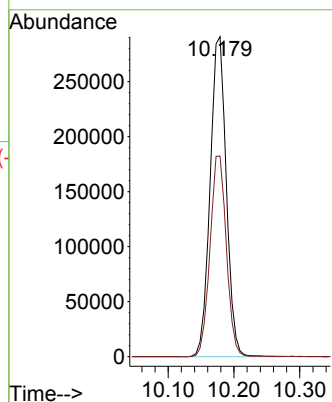
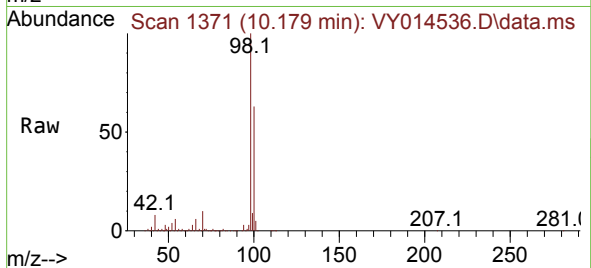




#50
Toluene-d8
Concen: 47.681 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

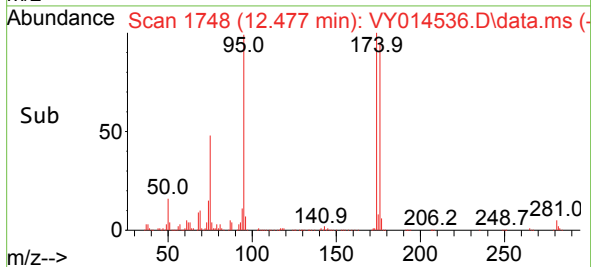
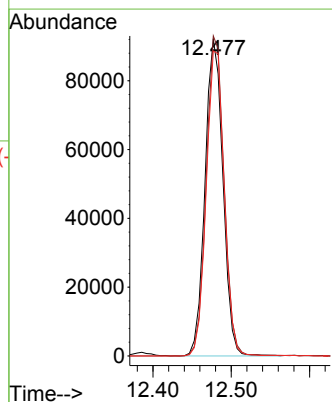
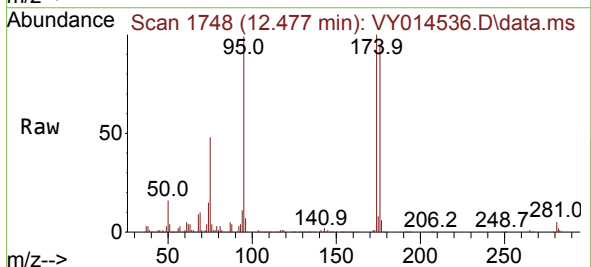
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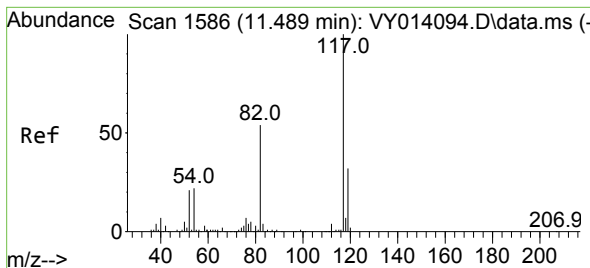
Tgt Ion: 98 Resp: 497826
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.248 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 95 Resp: 145918
Ion Ratio Lower Upper
95 100
174 100.7 0.0 178.2
176 96.5 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: VY014536.D

Acq: 03 Jul 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-07-G

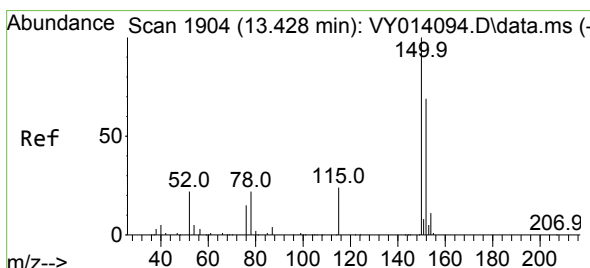
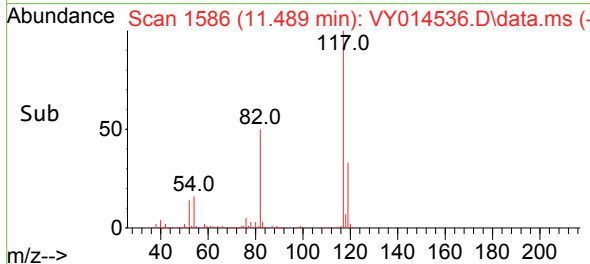
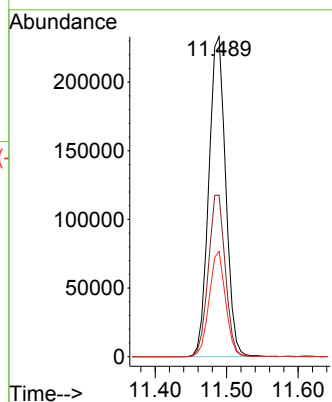
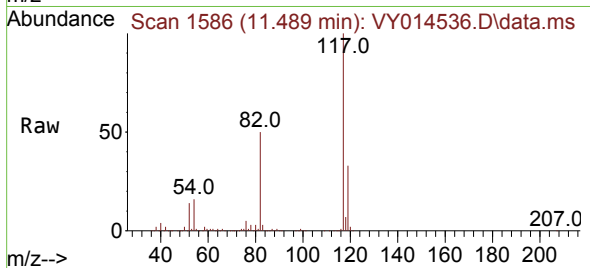
Tgt Ion:117 Resp: 382749

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 32.9 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: VY014536.D

Acq: 03 Jul 2023 15:32

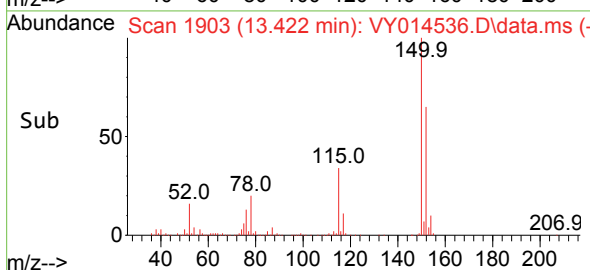
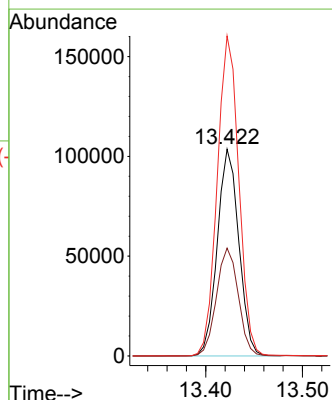
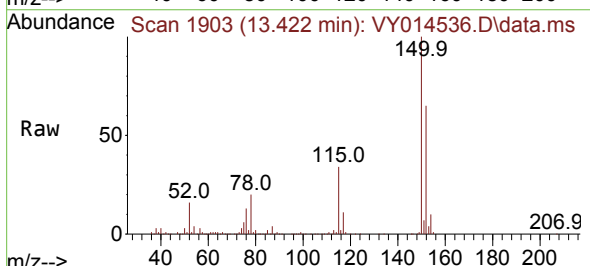
Tgt Ion:152 Resp: 160137

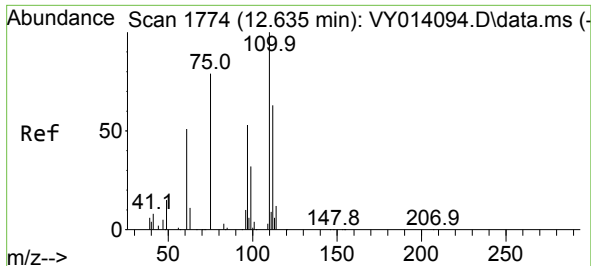
Ion Ratio Lower Upper

152 100

115 52.8 28.8 86.5

150 155.4 0.0 348.8

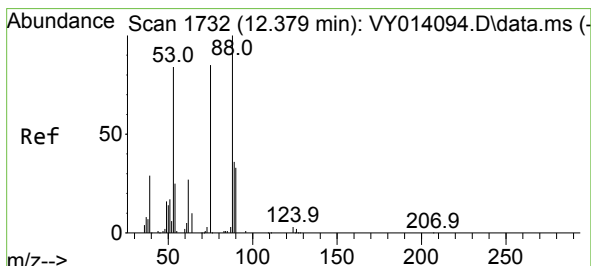
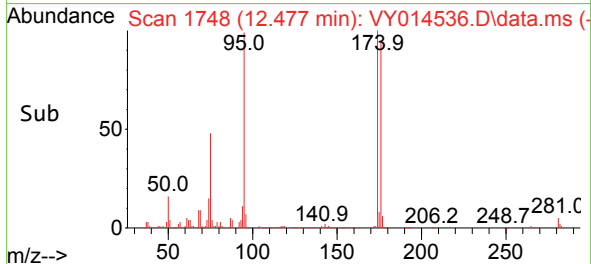
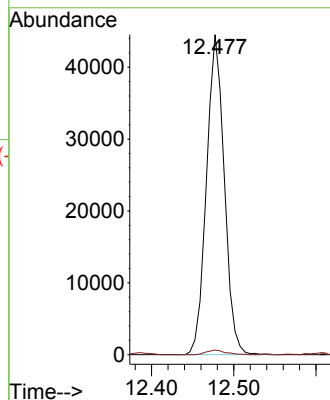
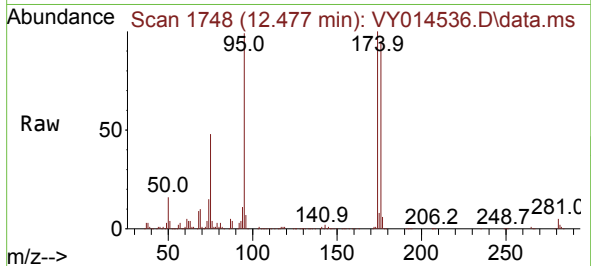




#76
1,2,3-Trichloropropane
Concen: 35.673 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

Tgt Ion: 75 Resp: 67034
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.433 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 75 Resp: 67034
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

