

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014569.D
 Acq On : 05 Jul 2023 19:30
 Operator : KP/MD
 Sample : 03509-19
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-04-G

Quant Time: Jul 06 01:37:27 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)

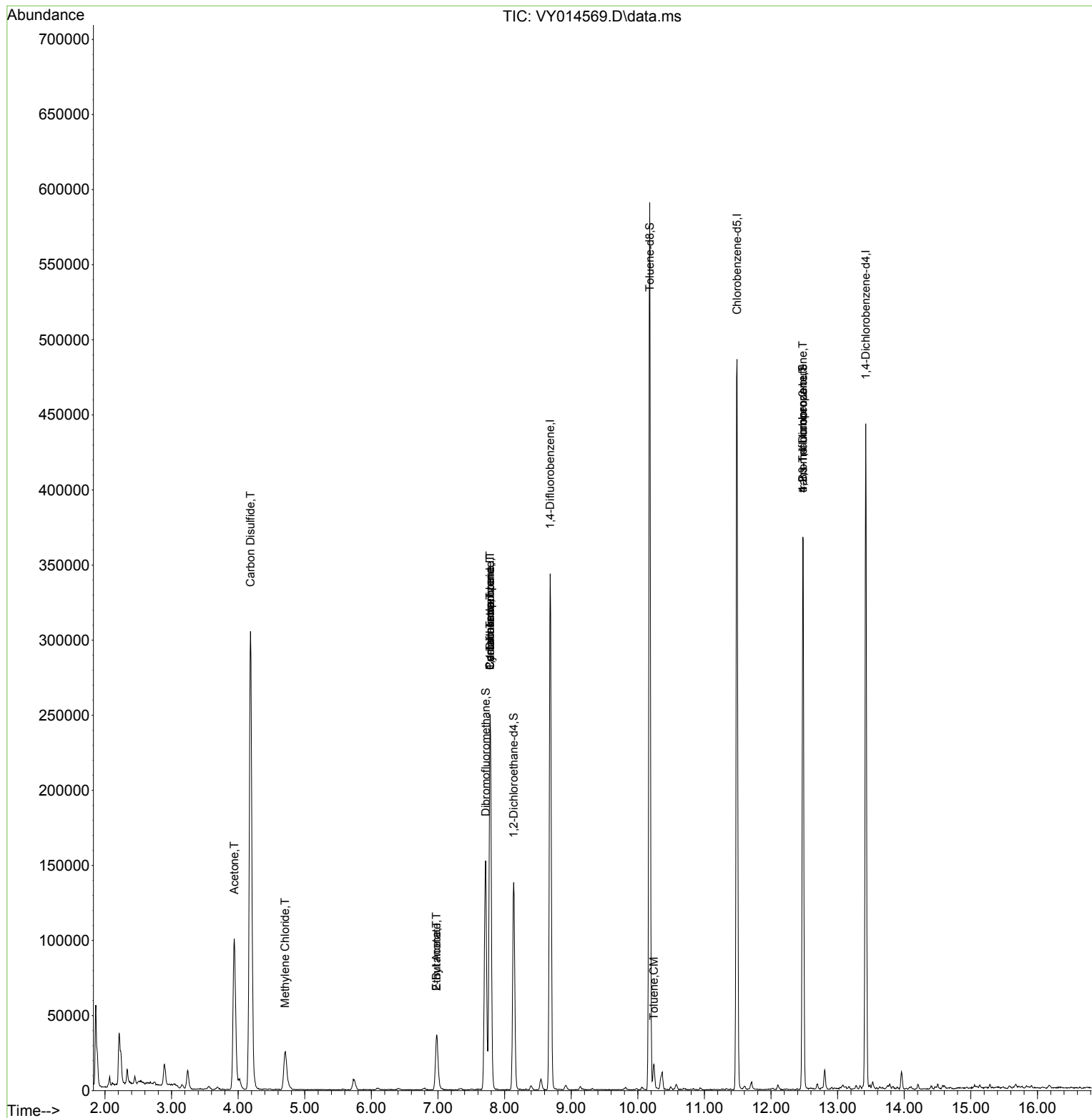
Internal Standards						
1) Pentafluorobenzene	7.783	168	221676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109680	49.737	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.480%			
35) Dibromofluoromethane	7.716	113	108408	55.128	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.260%			
50) Toluene-d8	10.179	98	395239	50.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.477	95	108880	40.336	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	74	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	297	Below Cal	#	89
13) Acrolein	3.729	56	65	Below Cal	#	14
16) Acetone	3.942	43	176549	256.365	ug/l #	84
17) Carbon Disulfide	4.186	76	654470	103.291	ug/l	98
20) Methylene Chloride	4.704	84	21285	3.773	ug/l #	79
25) 2-Butanone	6.978	43	59103	57.962	ug/l	93
31) Cyclohexane	7.783	56	3619	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13693	4.547	ug/l #	44
37) Ethyl Acetate	6.978	43	59103	28.618	ug/l #	72
38) Carbon Tetrachloride	7.783	117	18724	5.956	ug/l #	16
52) Toluene	10.240	92	7353	1.282	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	51038	34.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51038	67.812	ug/l #	11

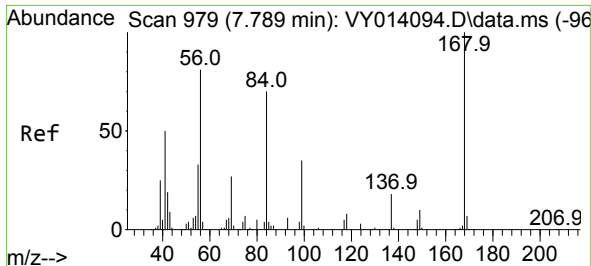
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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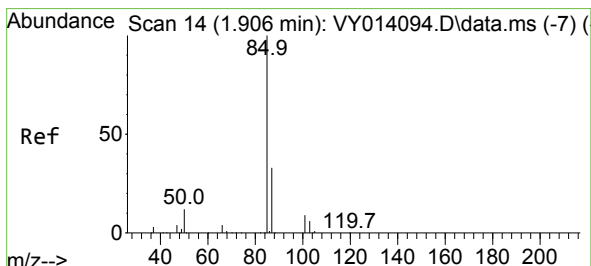
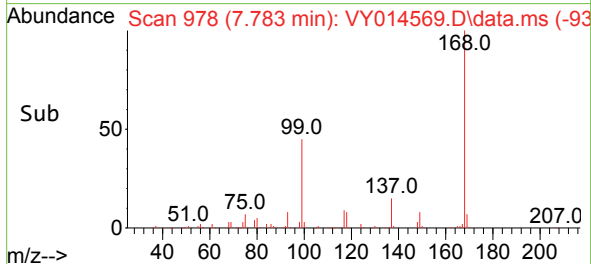
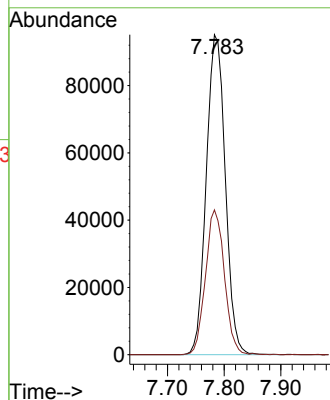
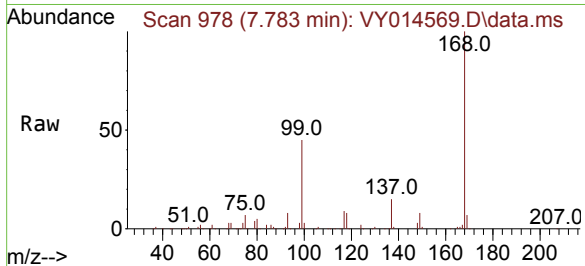




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

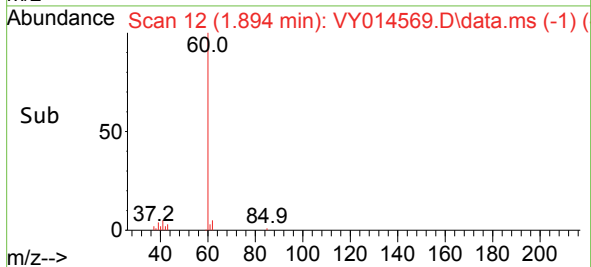
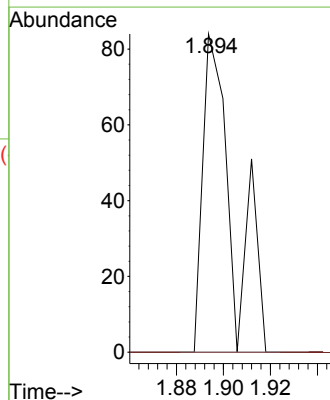
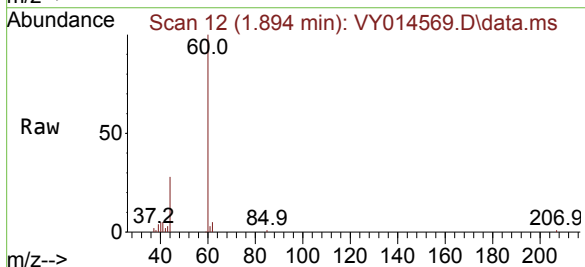
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

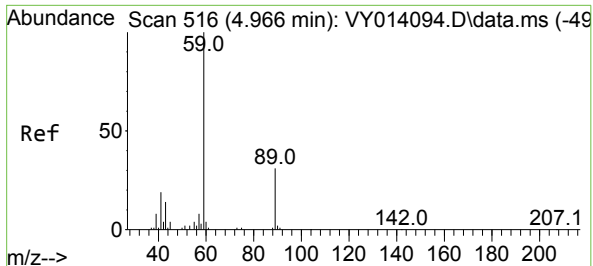
Tgt Ion:168 Resp: 221676
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 85 Resp: 74
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

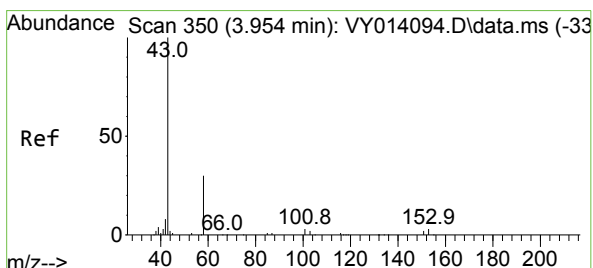
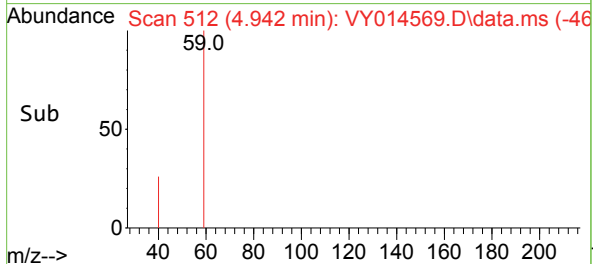
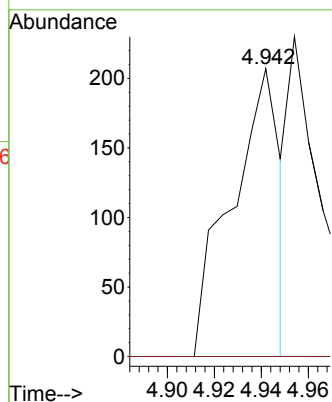
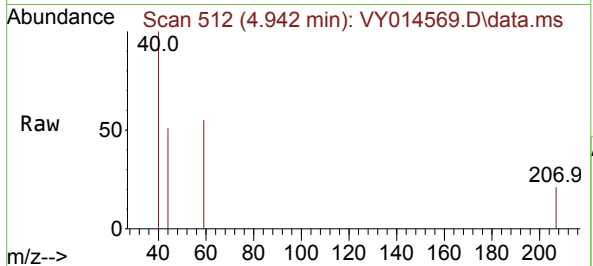




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

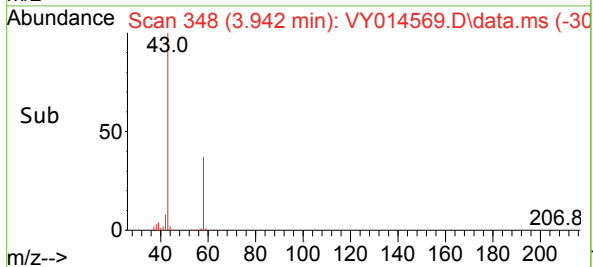
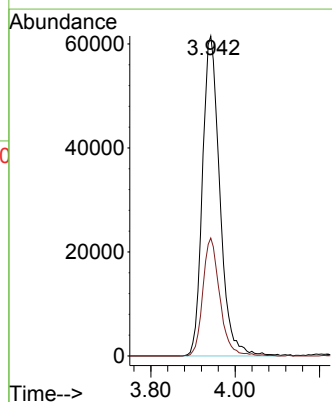
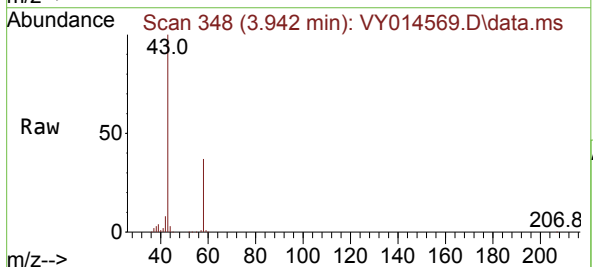
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

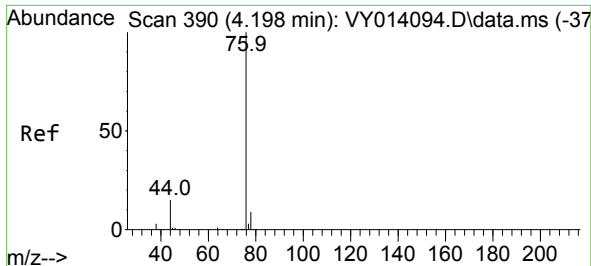
Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 256.365 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 43 Resp: 176549
Ion Ratio Lower Upper
43 100
58 36.8 22.7 34.1#

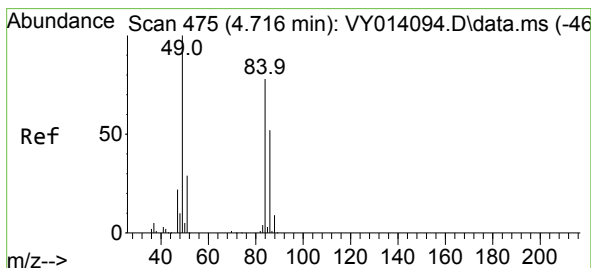
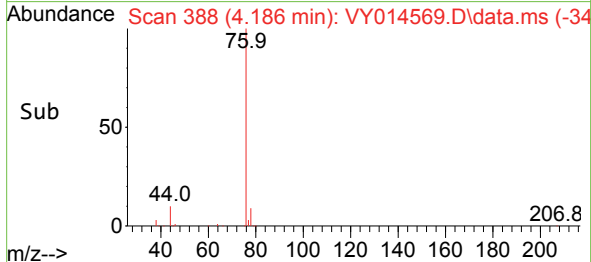
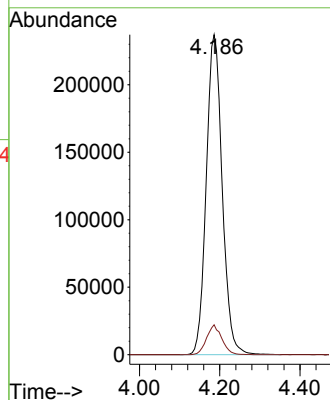
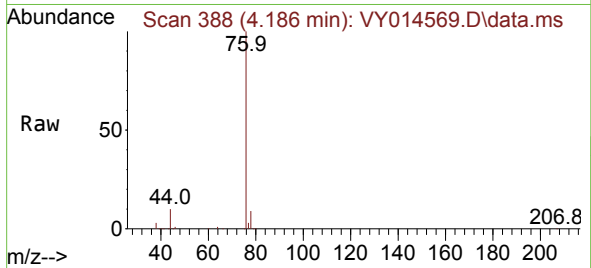




#17
Carbon Disulfide
Concen: 103.291 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

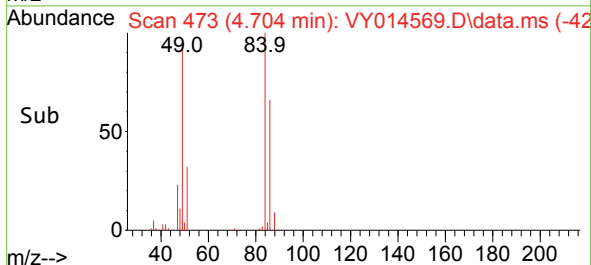
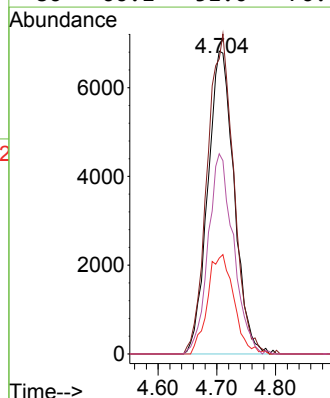
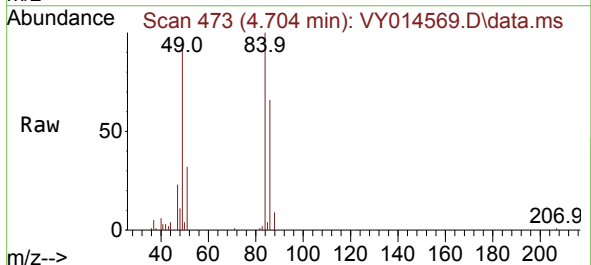
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

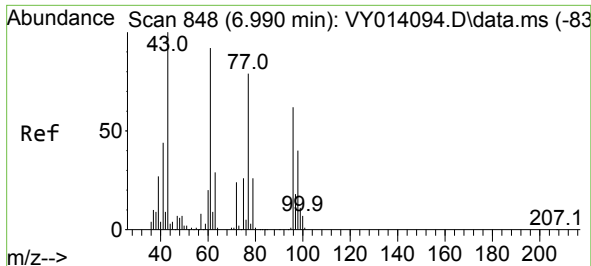
Tgt Ion: 76 Resp: 654470
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#20
Methylene Chloride
Concen: 3.773 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

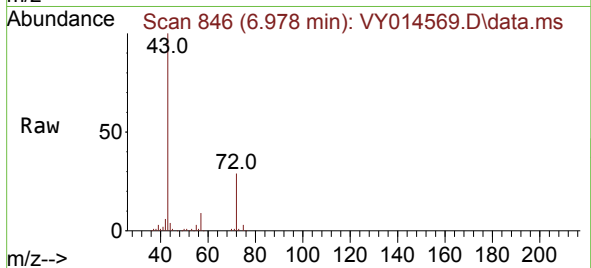
Tgt Ion: 84 Resp: 21285
Ion Ratio Lower Upper
84 100
49 97.4 106.9 160.3#
51 31.6 33.2 49.8#
86 66.1 51.0 76.6



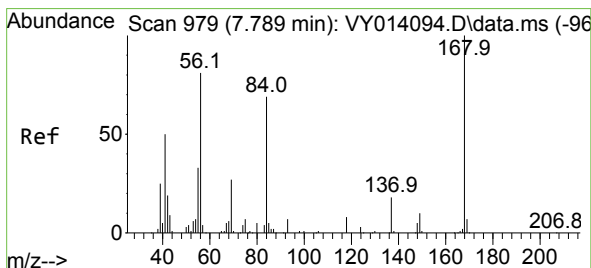
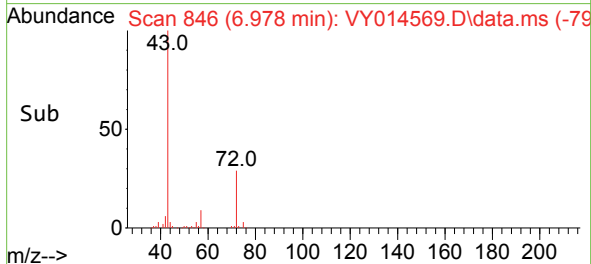
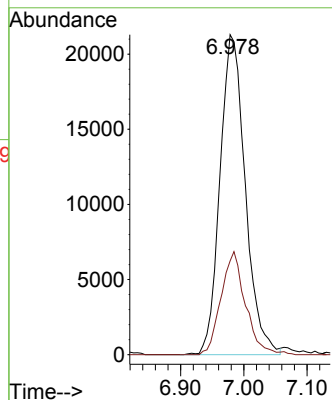


#25
2-Butanone
Concen: 57.962 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

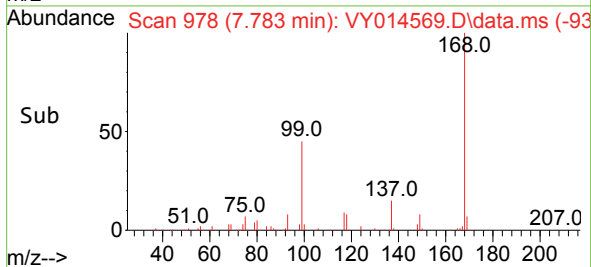
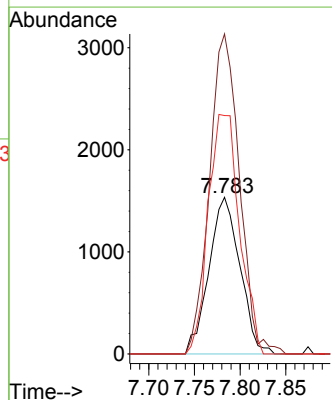
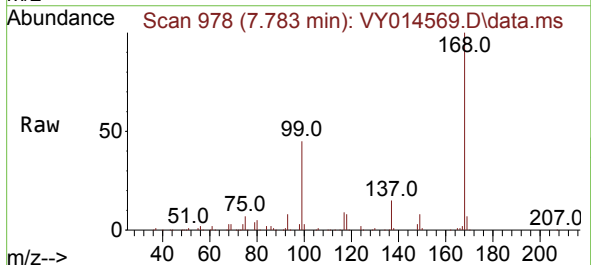


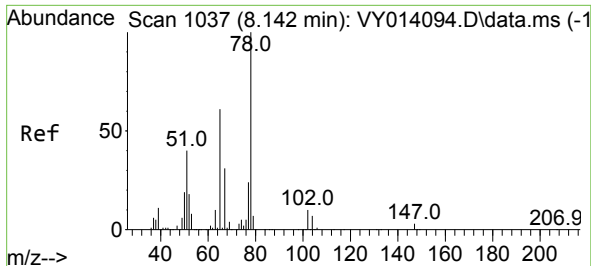
Tgt Ion: 43 Resp: 59103
Ion Ratio Lower Upper
43 100
72 29.3 20.5 30.7



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 56 Resp: 3619
Ion Ratio Lower Upper
56 100
69 204.4 27.8 41.6#
84 152.2 66.4 99.6#

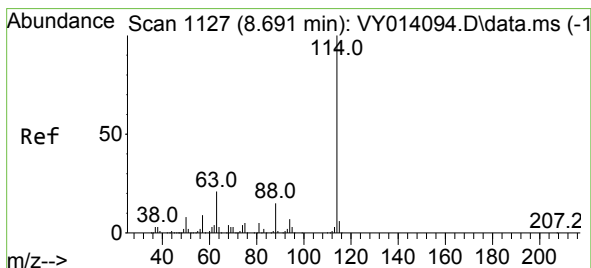
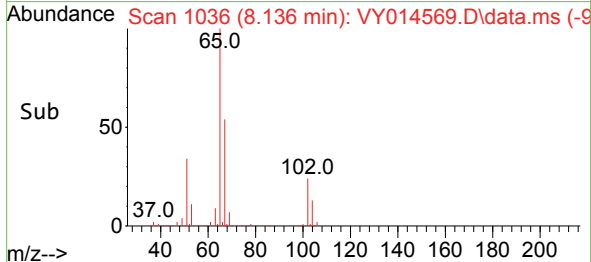
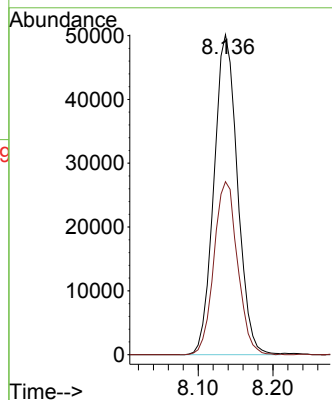
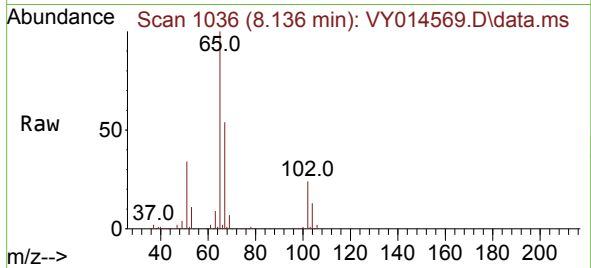




#33
 1,2-Dichloroethane-d4
 Concen: 49.737 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014569.D
 Acq: 05 Jul 2023 19:30

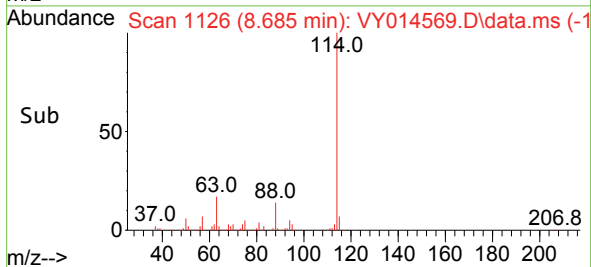
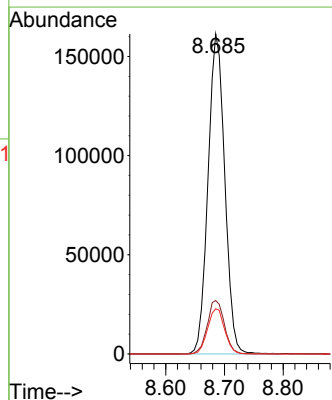
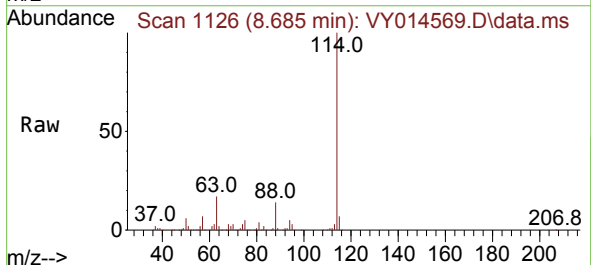
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 WC-WWS-04-G

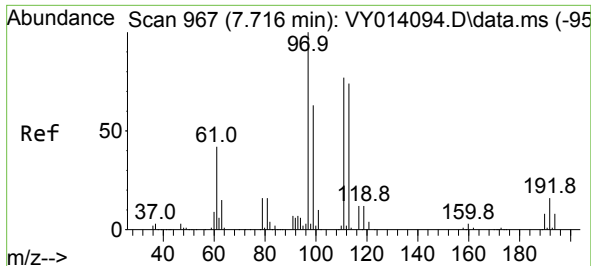
Tgt Ion: 65 Resp: 109680
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014569.D
 Acq: 05 Jul 2023 19:30

Tgt Ion: 114 Resp: 319333
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 42.4
 88 14.1 0.0 30.6

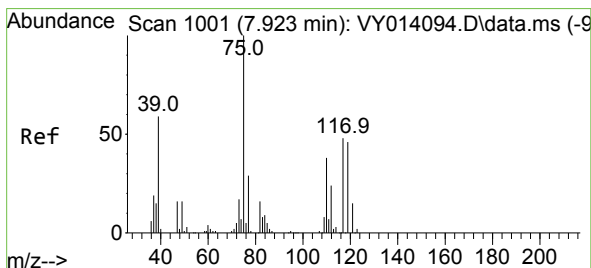
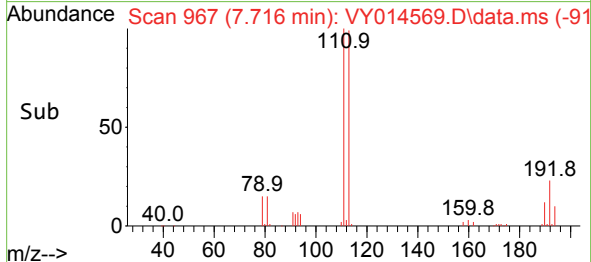
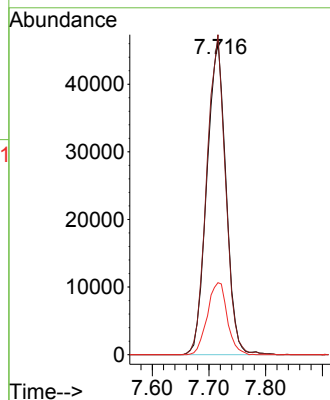
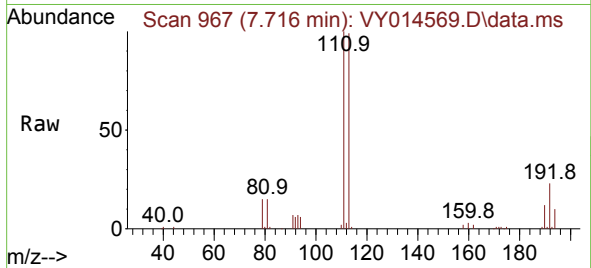




#35
Dibromofluoromethane
Concen: 55.128 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

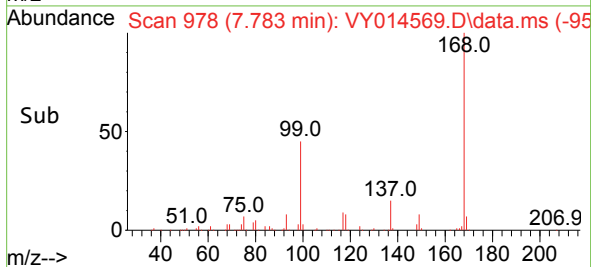
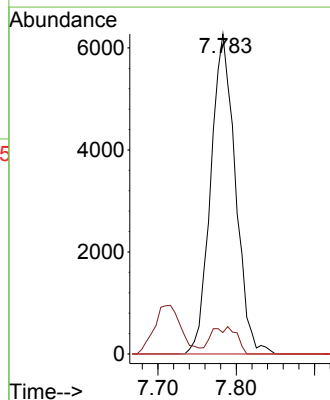
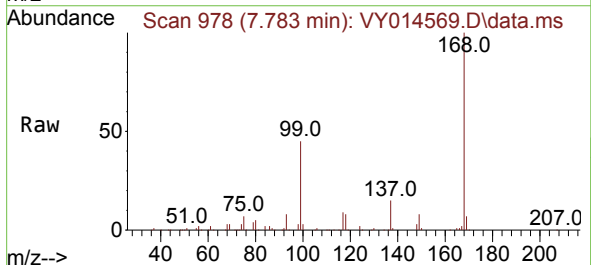
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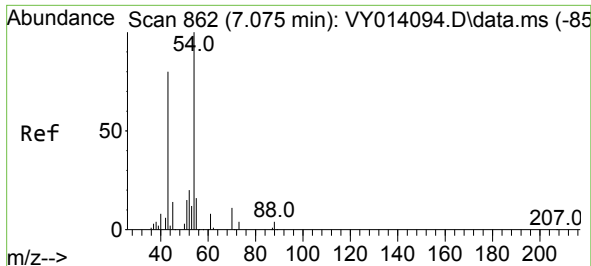
Tgt Ion:113 Resp: 108408
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 23.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.547 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 75 Resp: 13693
Ion Ratio Lower Upper
75 100
110 3.3 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 28.618 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.097 min

Lab File: VY014569.D

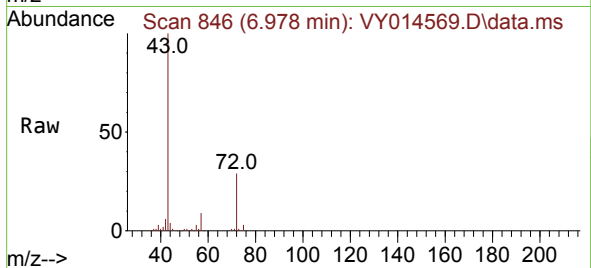
Acq: 05 Jul 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-04-G



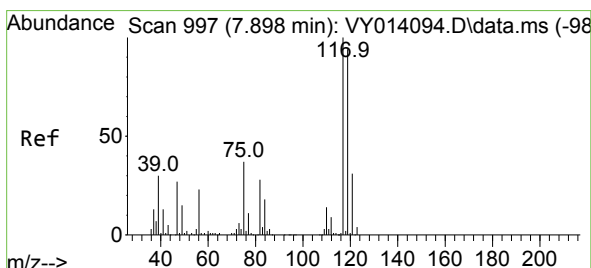
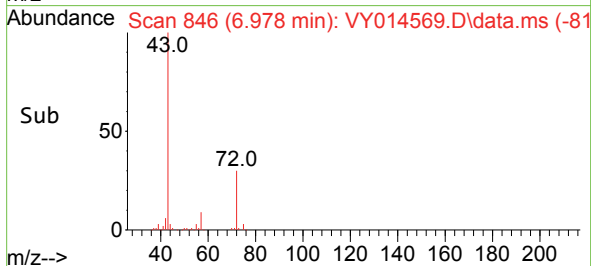
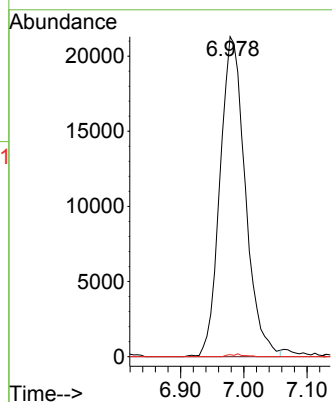
Tgt Ion: 43 Resp: 59103

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014569.D

Acq: 05 Jul 2023 19:30

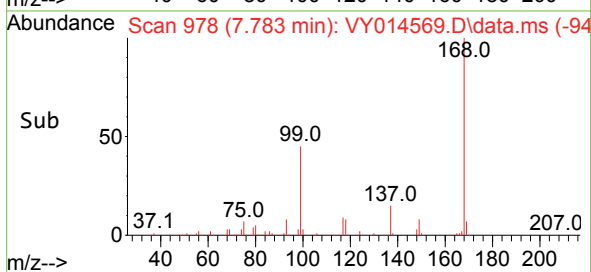
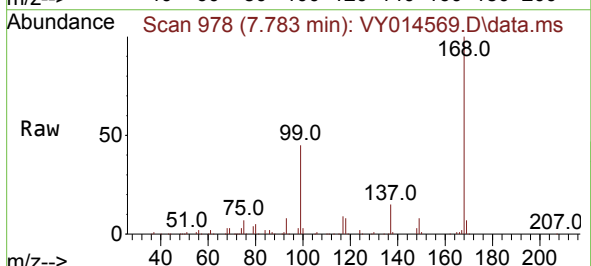
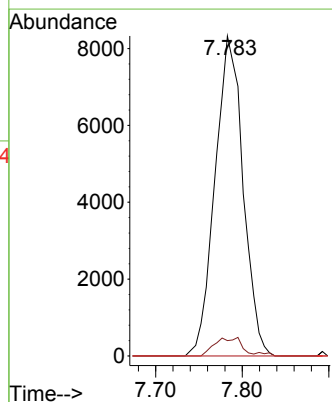
Tgt Ion: 117 Resp: 18724

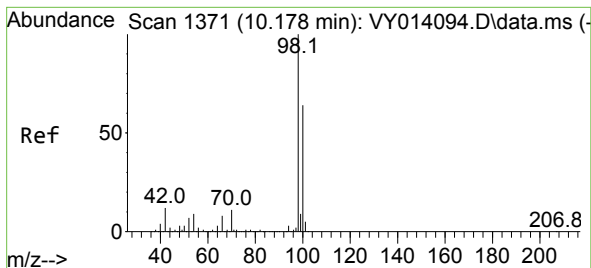
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#

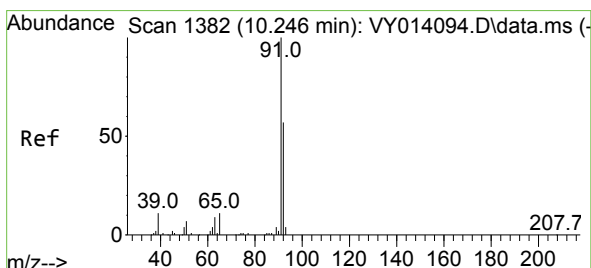
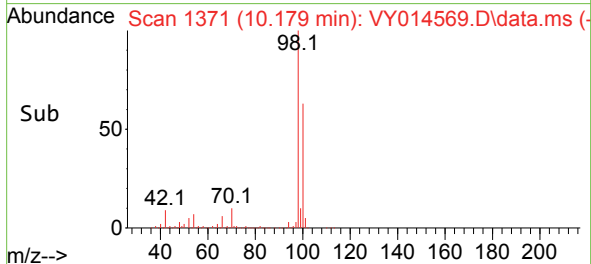
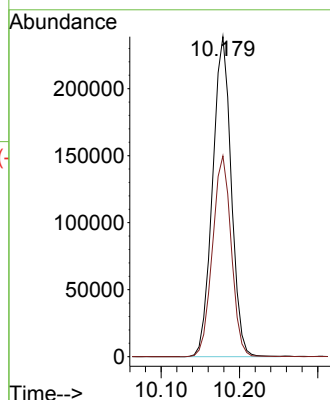
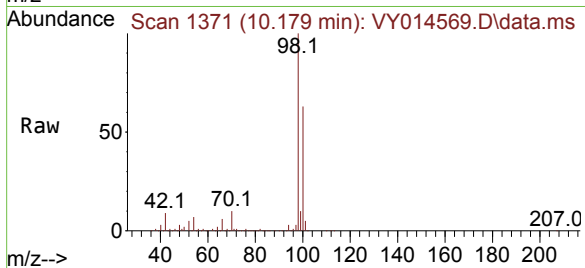




#50
Toluene-d8
Concen: 50.843 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

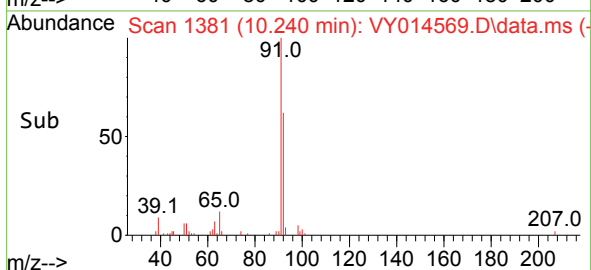
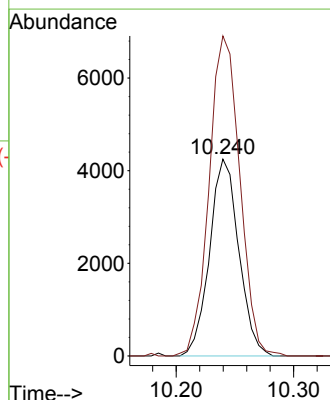
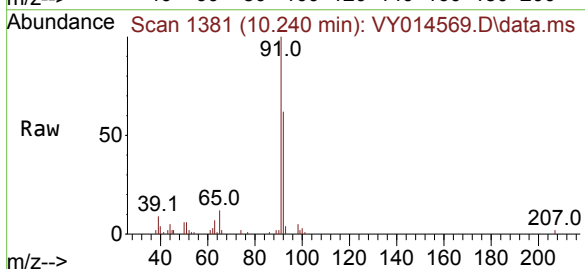
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

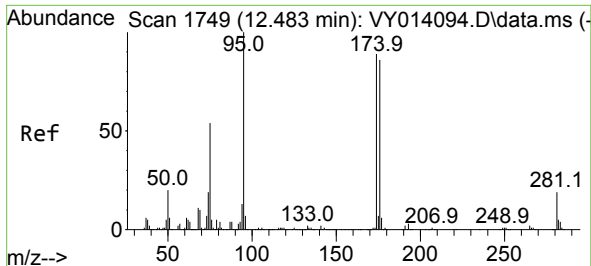
Tgt Ion: 98 Resp: 395239
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#52
Toluene
Concen: 1.282 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 92 Resp: 7353
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6

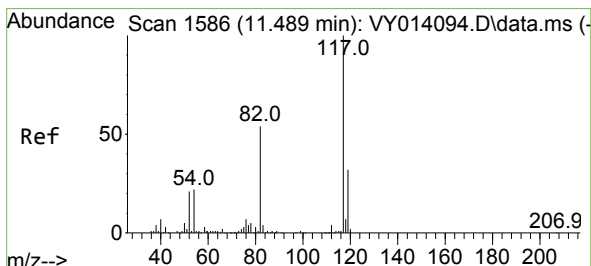
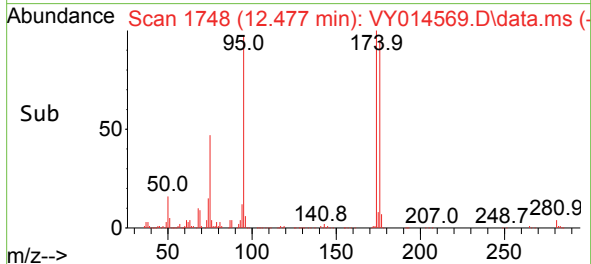
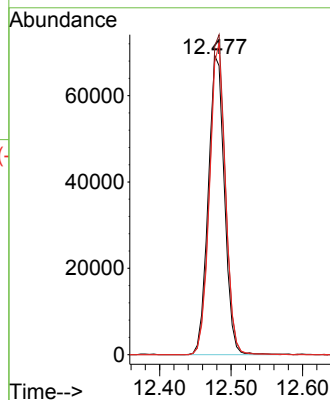
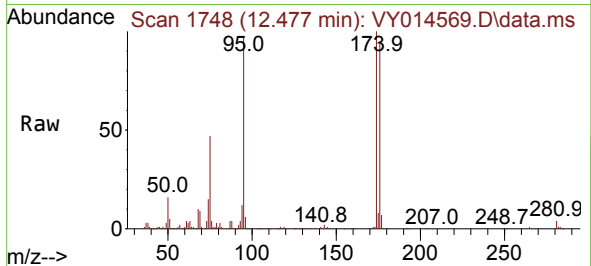




#62
4-Bromofluorobenzene
Concen: 40.336 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

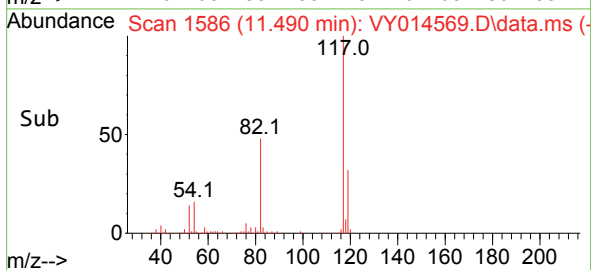
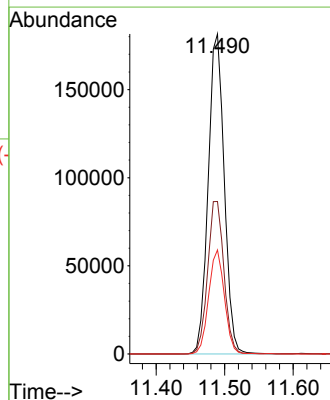
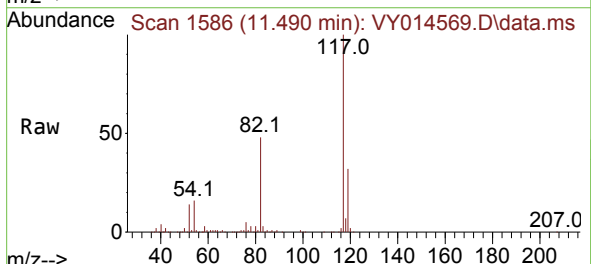
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-04-G

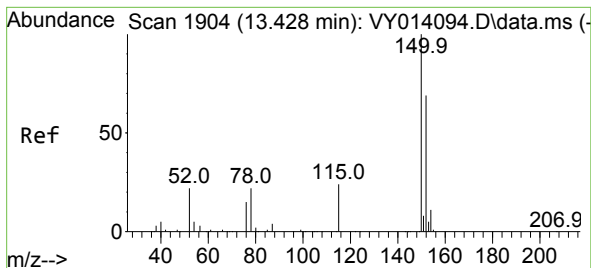
Tgt Ion: 95 Resp: 108880
Ion Ratio Lower Upper
95 100
174 104.9 0.0 178.2
176 101.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014569.D
Acq: 05 Jul 2023 19:30

Tgt Ion: 117 Resp: 296090
Ion Ratio Lower Upper
117 100
82 47.6 43.4 65.0
119 32.5 26.3 39.5

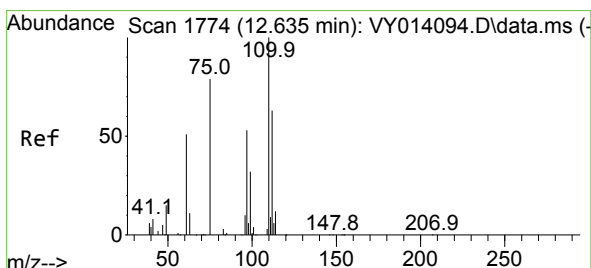
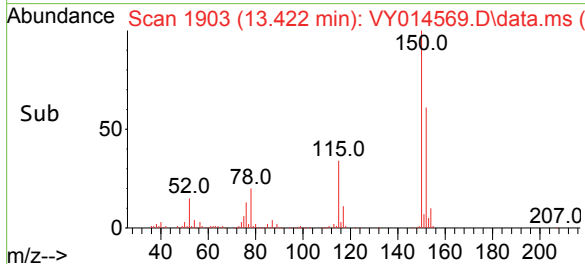
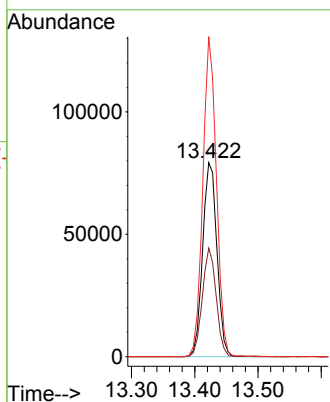
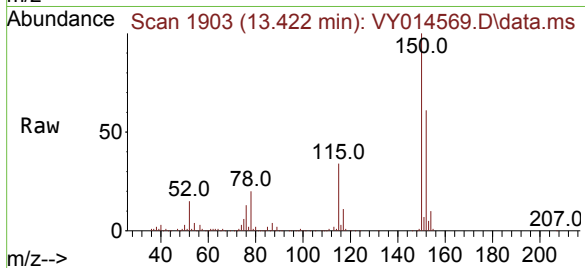




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014569.D
 Acq: 05 Jul 2023 19:30

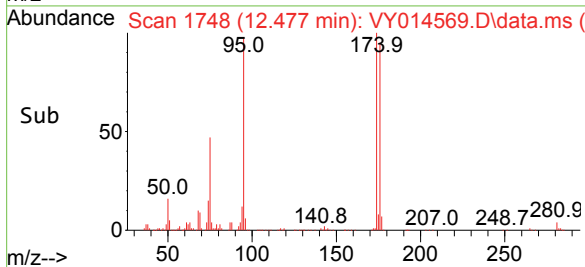
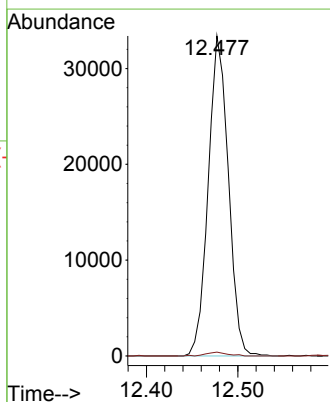
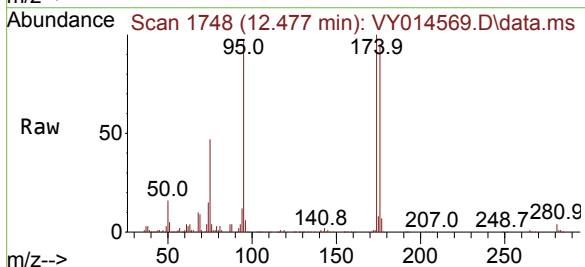
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-04-G

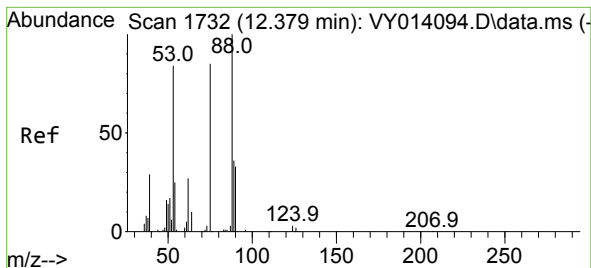
Tgt Ion:152 Resp: 124840
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.8 86.5
 150 156.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 34.839 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014569.D
 Acq: 05 Jul 2023 19:30

Tgt Ion: 75 Resp: 51038
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.812 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014569.D
 Acq: 05 Jul 2023 19:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-04-G

Tgt Ion: 75 Resp: 51038
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

