

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014566.D
 Acq On : 05 Jul 2023 18:19
 Operator : KP/MD
 Sample : 03509-01
 Misc : 9.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-01-G

Quant Time: Jul 06 01:36:19 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)

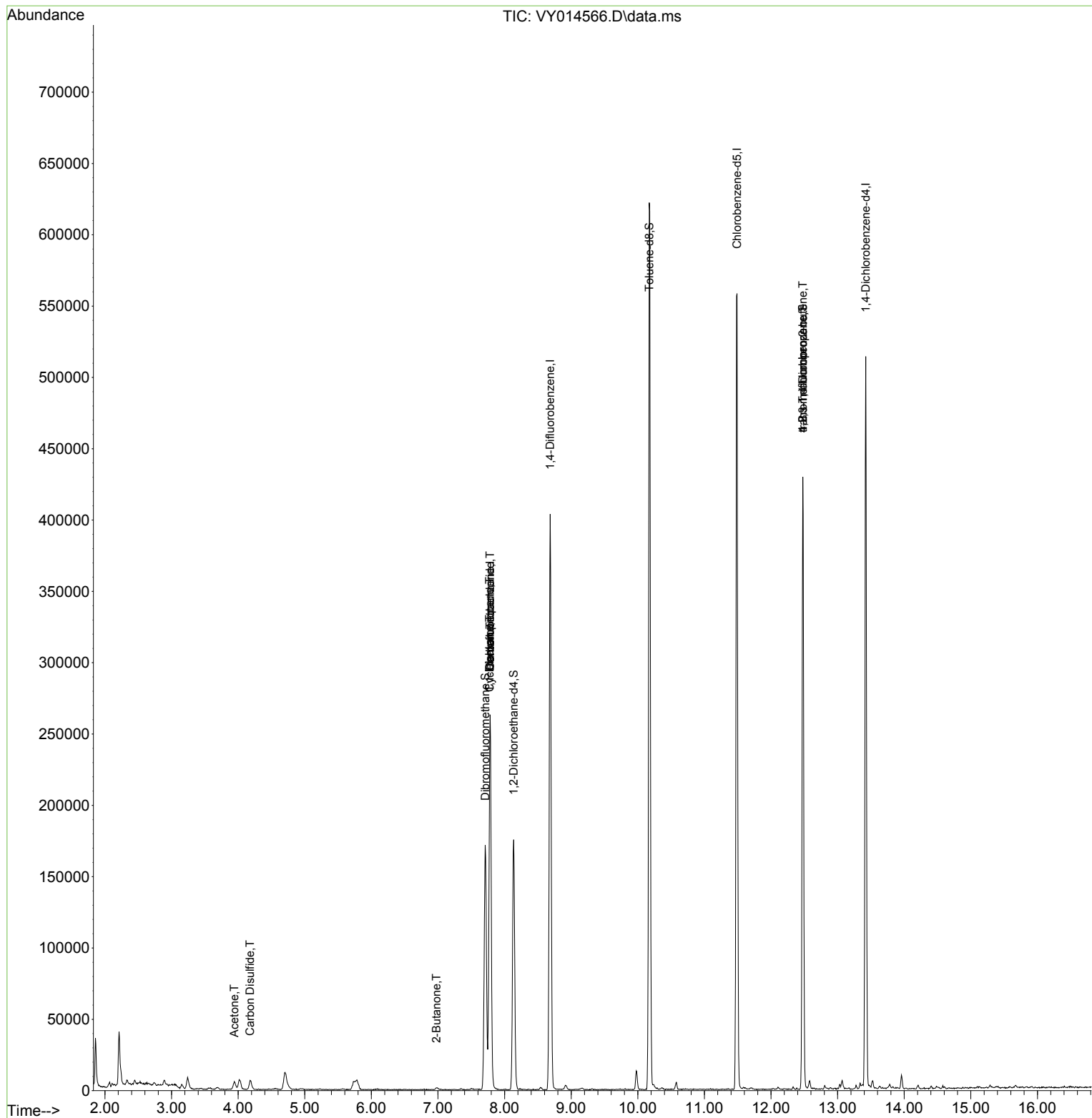
Internal Standards						
1) Pentafluorobenzene	7.783	168	222149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	333068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141041	63.822	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.640%		
35) Dibromofluoromethane	7.710	113	121155	54.988	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.980%		
50) Toluene-d8	10.173	98	434573	49.894	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.780%		
62) 4-Bromofluorobenzene	12.477	95	128559	42.507	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 85.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	42	Below Cal	#	43
11) Tert butyl alcohol	4.966	59	316	Below Cal	#	89
16) Acetone	3.942	43	9331	13.521	ug/l #	85
17) Carbon Disulfide	4.180	76	12539	1.975	ug/l	97
20) Methylene Chloride	4.704	84	9808	Below Cal	#	78
25) 2-Butanone	6.978	43	2207	2.160	ug/l	94
31) Cyclohexane	7.777	56	4312	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	15088	4.472	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19652	5.579	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	62976	38.070	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62976	74.100	ug/l #	11

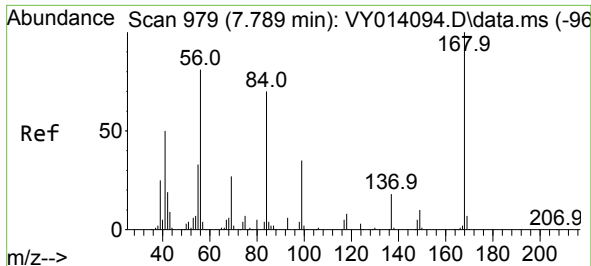
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

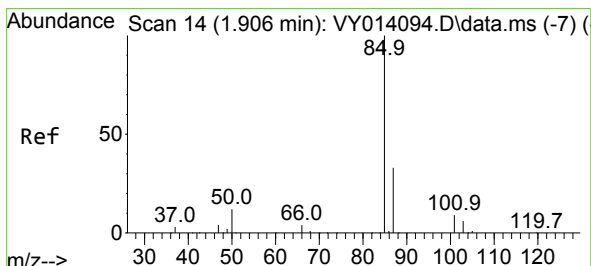
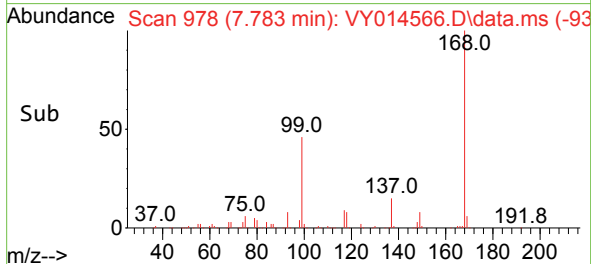
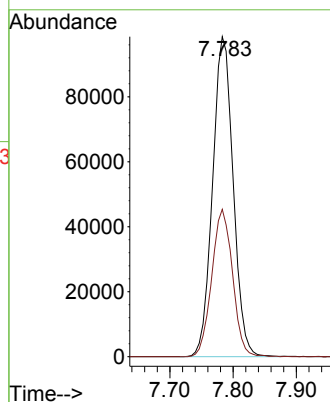
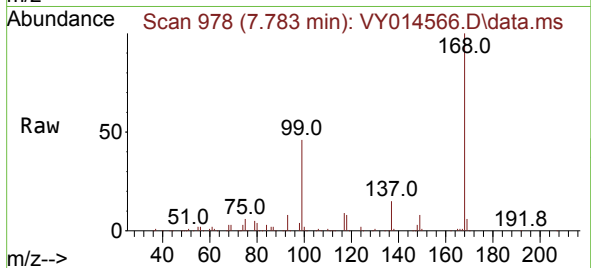




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

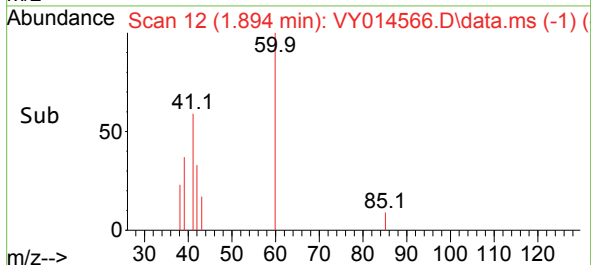
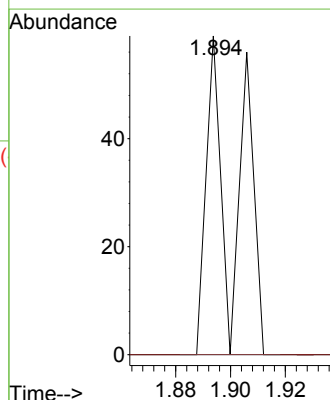
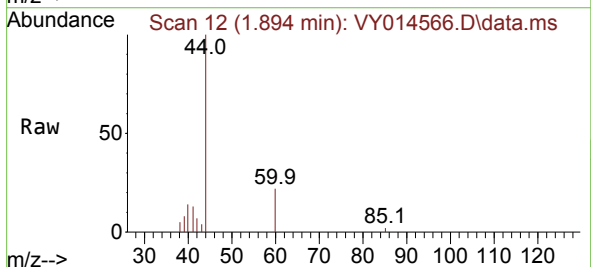
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MSVOA_Y
ClientSampleId :
WC-WWS-01-G

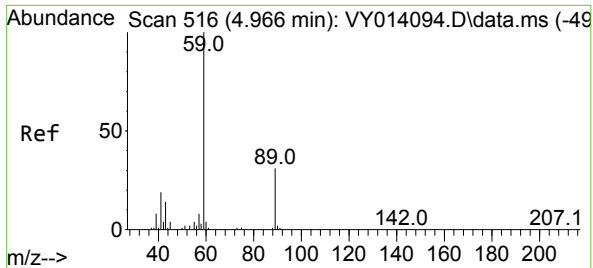
Tgt Ion:168 Resp: 222149
Ion Ratio Lower Upper
168 100
99 46.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 85 Resp: 42
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

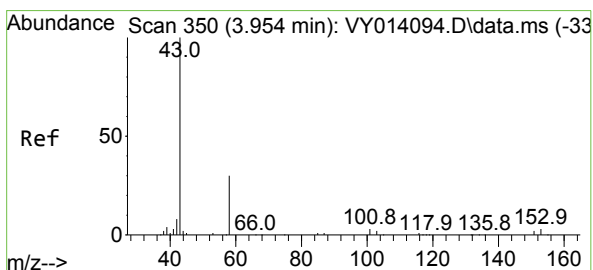
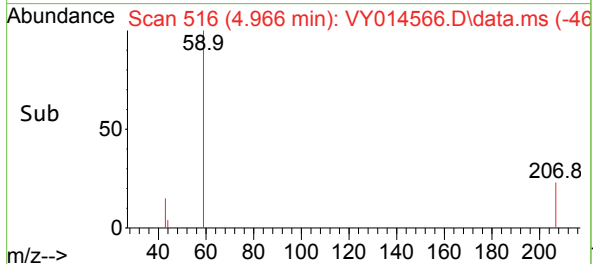
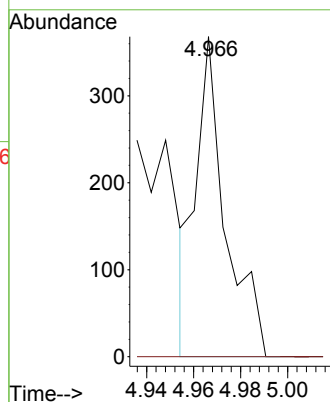
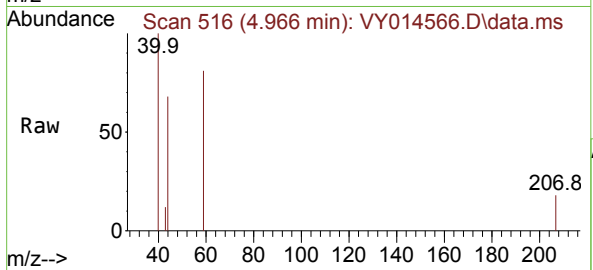




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

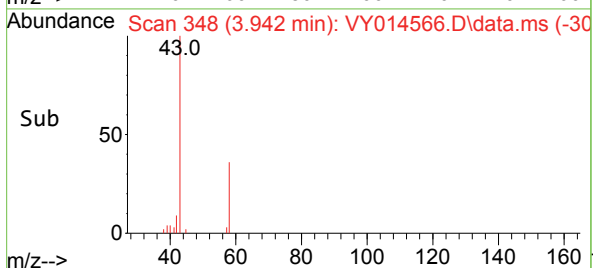
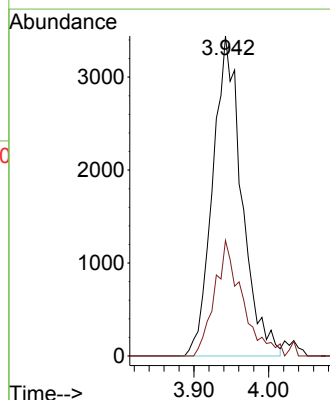
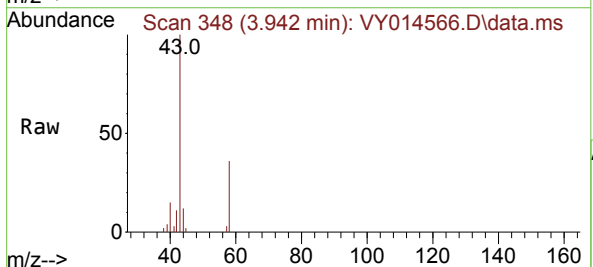
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

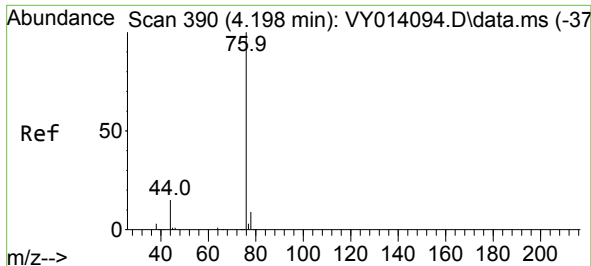
Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 13.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 43 Resp: 9331
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 1.975 ug/l

RT: 4.180 min Scan# 390

Delta R.T. -0.018 min

Lab File: VY014566.D

Acq: 05 Jul 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

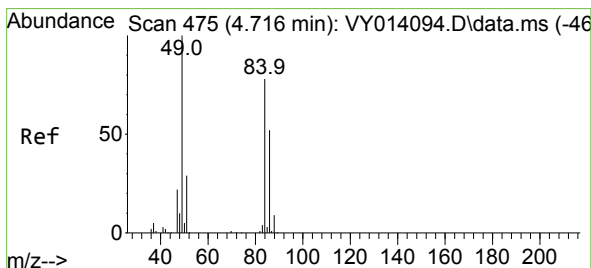
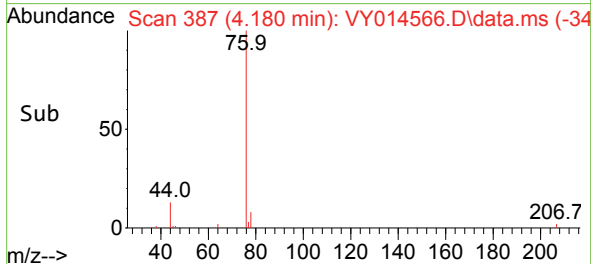
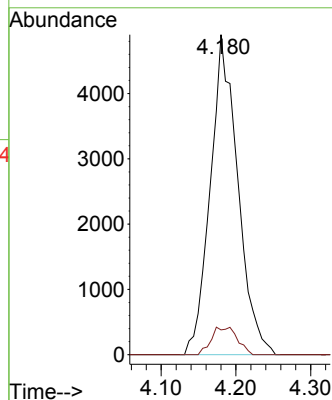
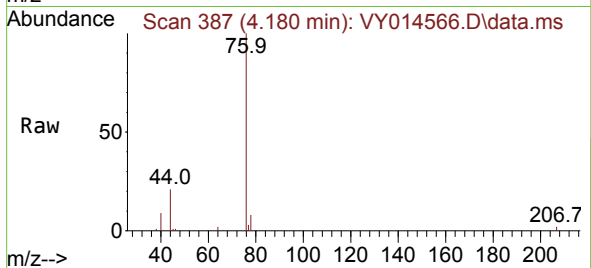
WC-WWS-01-G

Tgt Ion: 76 Resp: 12539

Ion Ratio Lower Upper

76 100

78 7.7 7.0 10.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY014566.D

Acq: 05 Jul 2023 18:19

Tgt Ion: 84 Resp: 9808

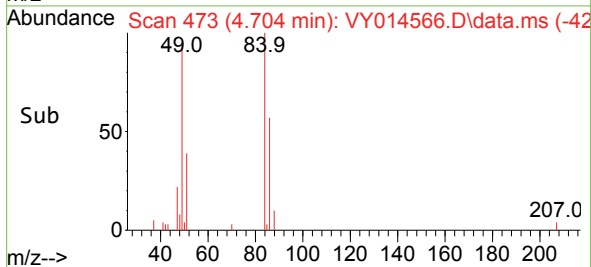
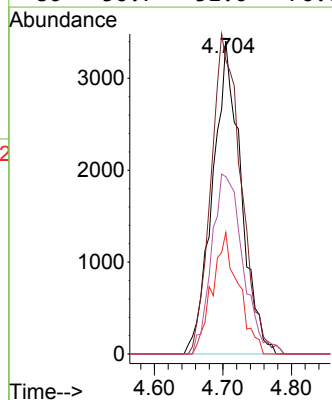
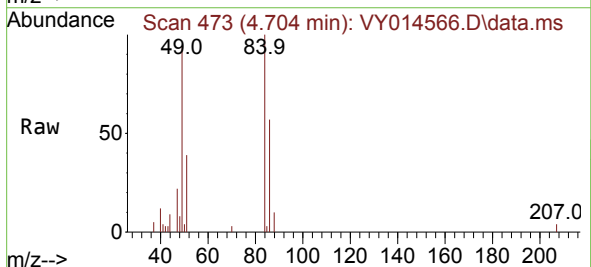
Ion Ratio Lower Upper

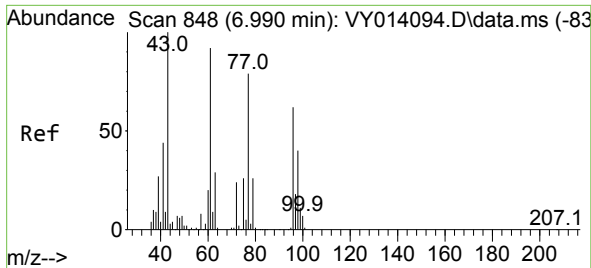
84 100

49 93.9 106.9 160.3#

51 38.8 33.2 49.8

86 56.7 51.0 76.6

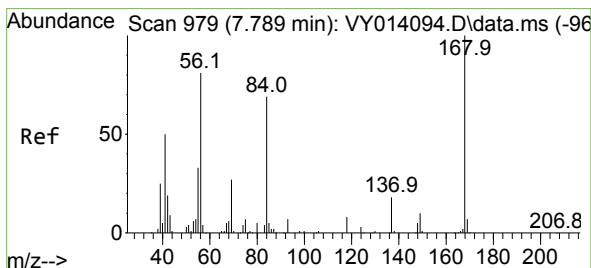
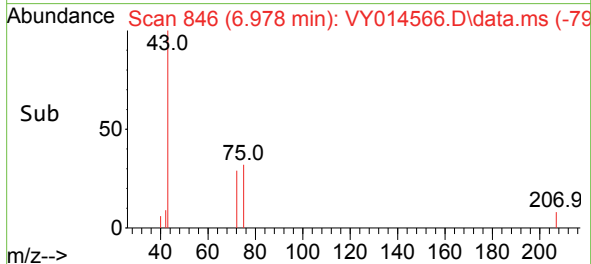
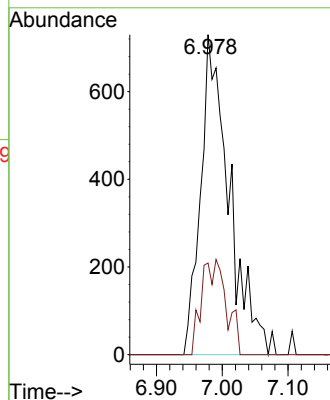
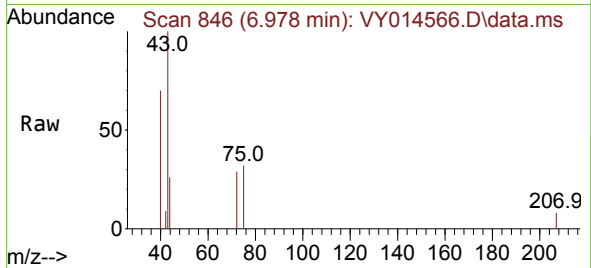




#25
2-Butanone
Concen: 2.160 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

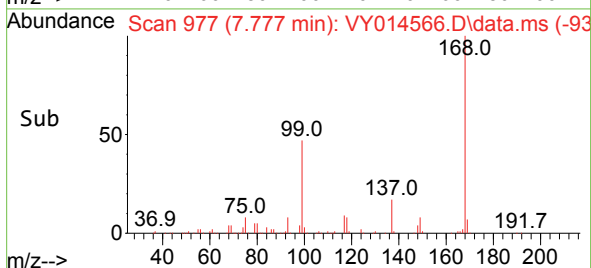
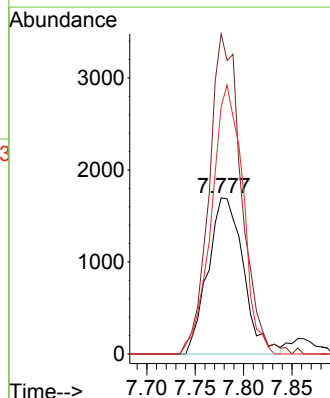
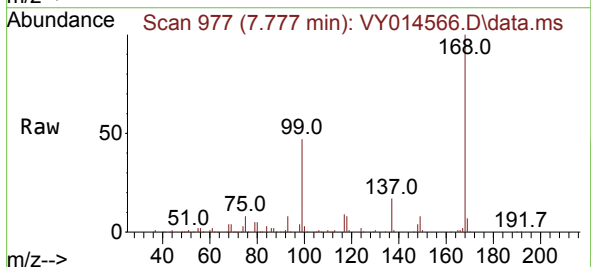
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

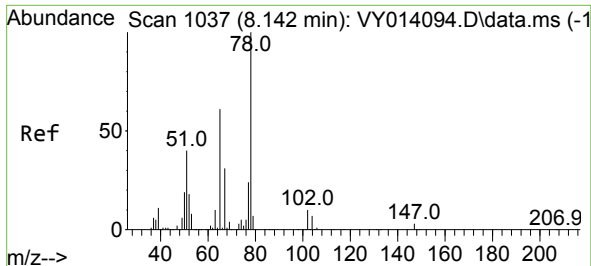
Tgt Ion: 43 Resp: 2207
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.012 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 56 Resp: 4312
Ion Ratio Lower Upper
56 100
69 204.9 27.8 41.6#
84 158.5 66.4 99.6#

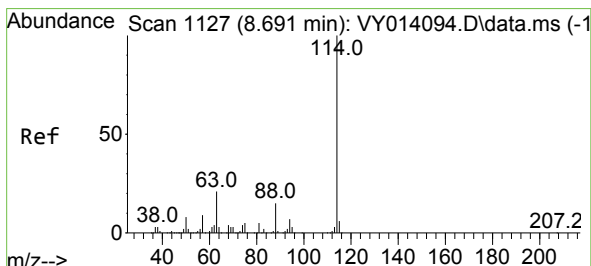
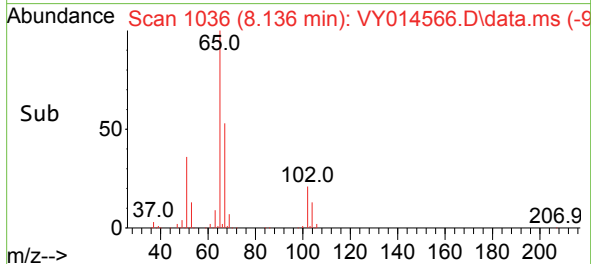
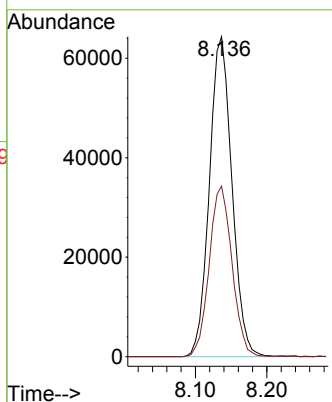
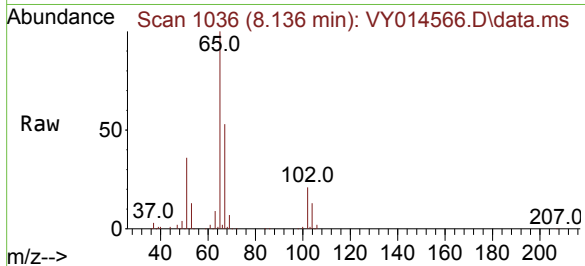




#33
 1,2-Dichloroethane-d4
 Concen: 63.822 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.005 min
 Lab File: VY014566.D
 Acq: 05 Jul 2023 18:19

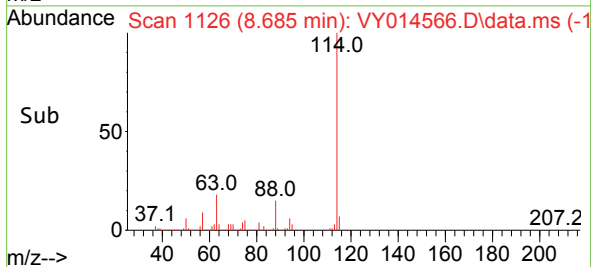
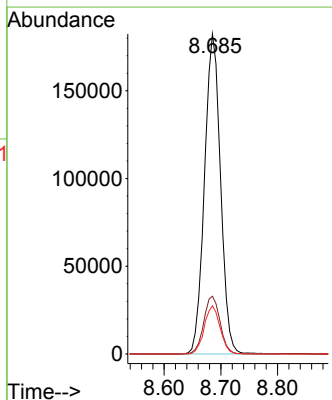
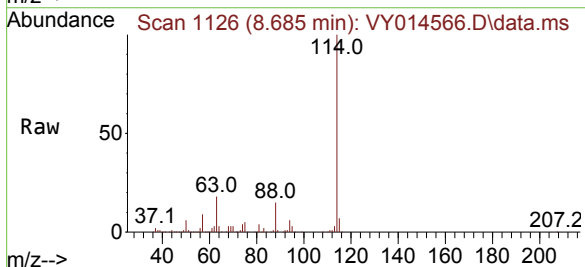
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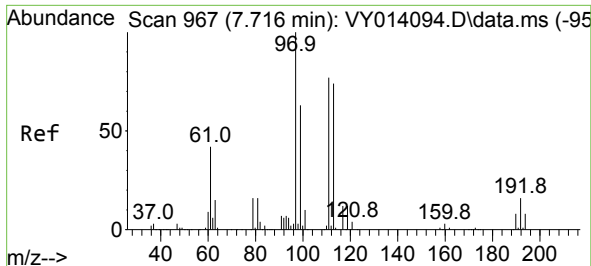
Tgt Ion: 65 Resp: 141041
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014566.D
 Acq: 05 Jul 2023 18:19

Tgt Ion: 114 Resp: 357790
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.4
 88 15.1 0.0 30.6

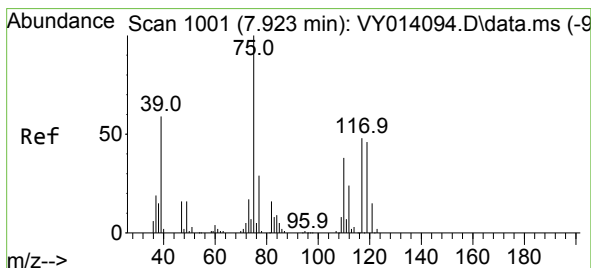
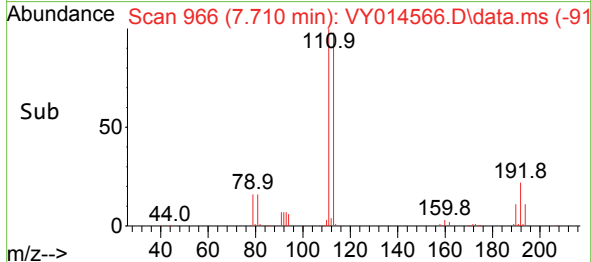
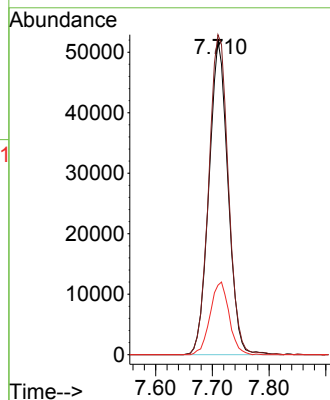
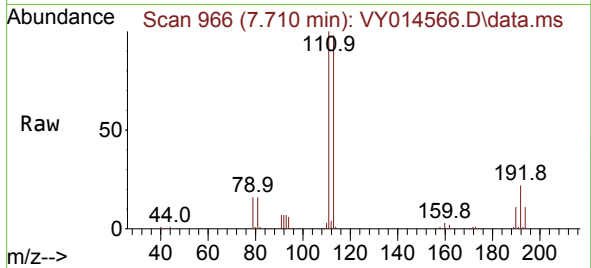




#35
Dibromofluoromethane
Concen: 54.988 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

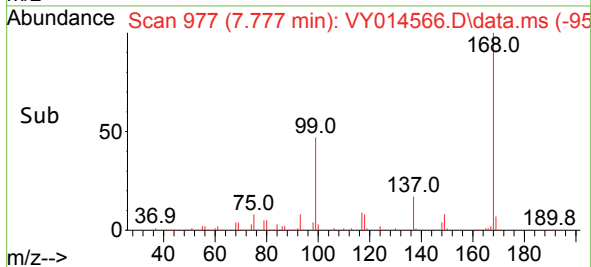
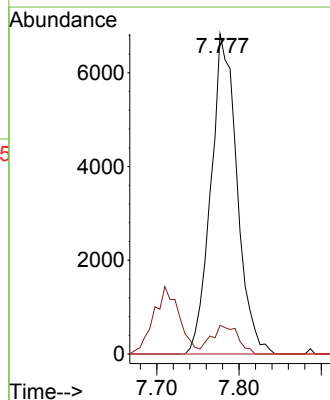
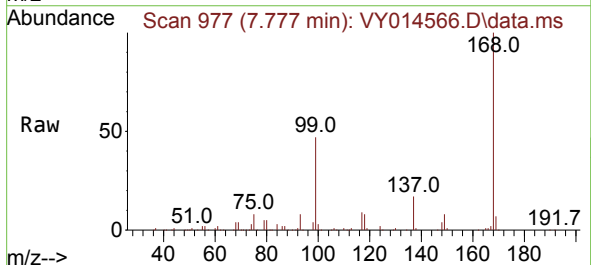
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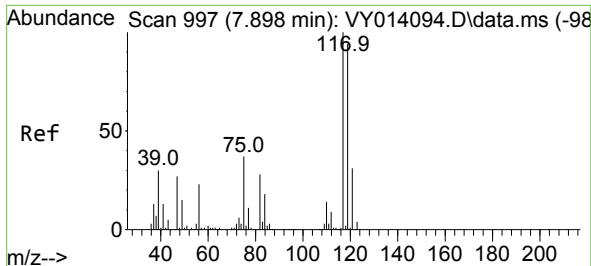
Tgt Ion:113 Resp: 121155
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 23.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.146 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 75 Resp: 15088
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#

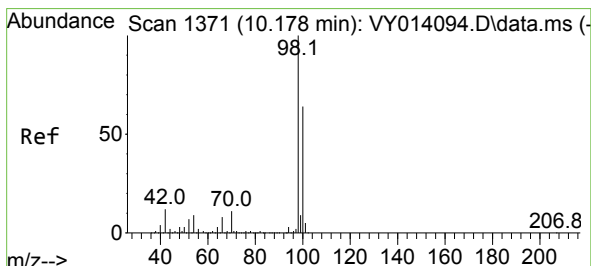
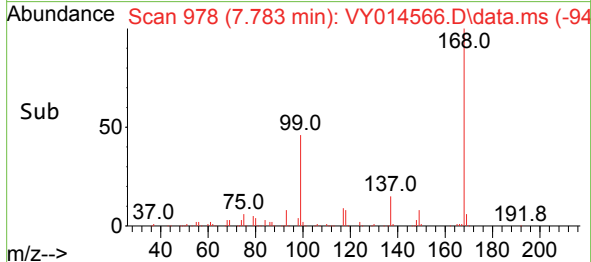
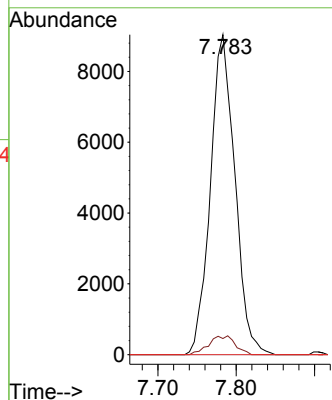
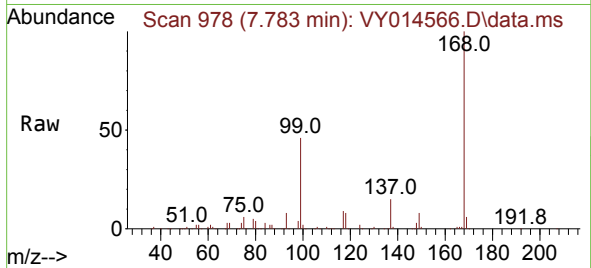




#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

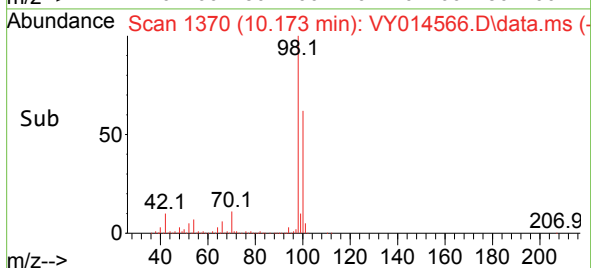
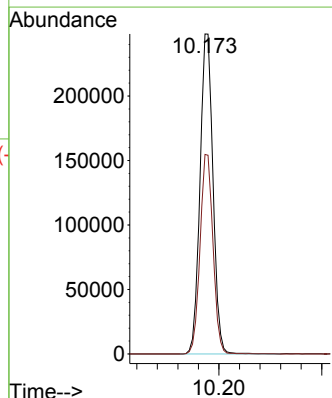
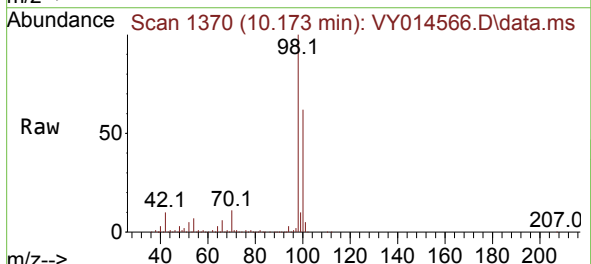
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

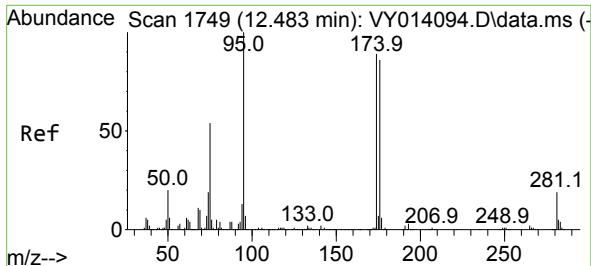
Tgt Ion:117 Resp: 19652
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.894 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 98 Resp: 434573
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

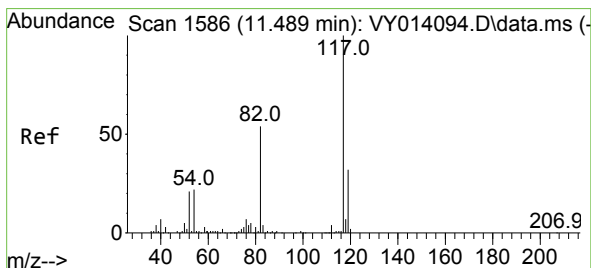
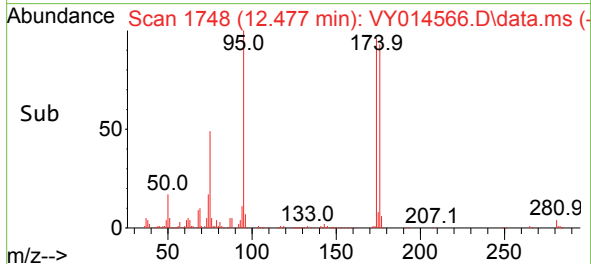
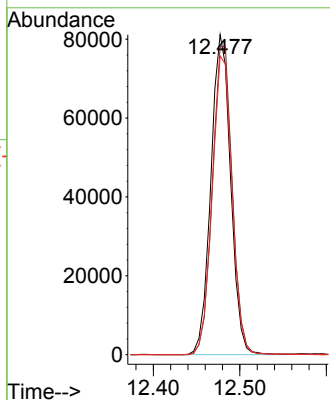
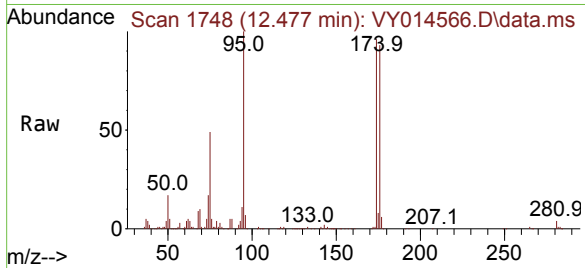




#62
4-Bromofluorobenzene
Concen: 42.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

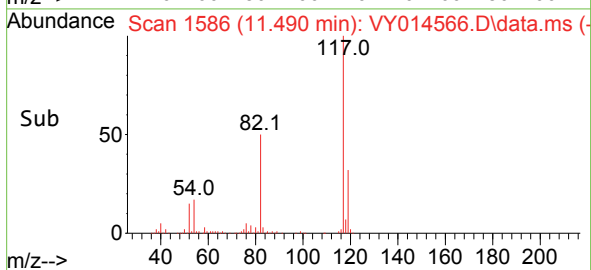
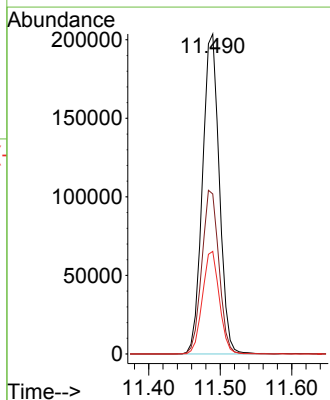
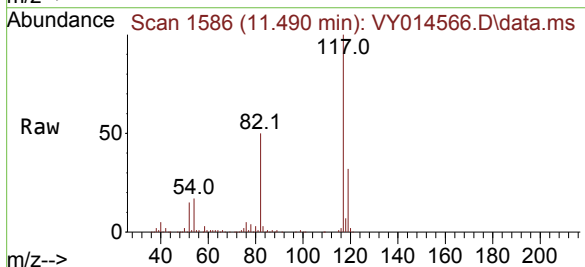
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-01-G

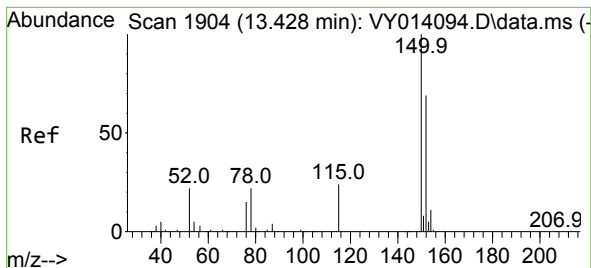
Tgt Ion: 95 Resp: 128559
Ion Ratio Lower Upper
95 100
174 97.4 0.0 178.2
176 93.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014566.D
Acq: 05 Jul 2023 18:19

Tgt Ion: 117 Resp: 333068
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 32.1 26.3 39.5

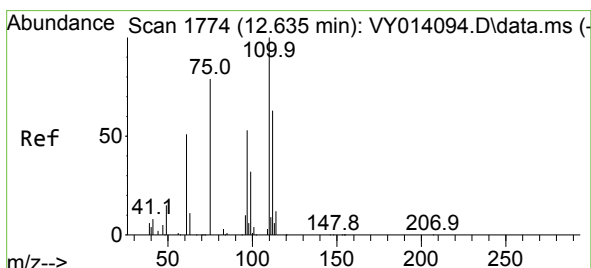
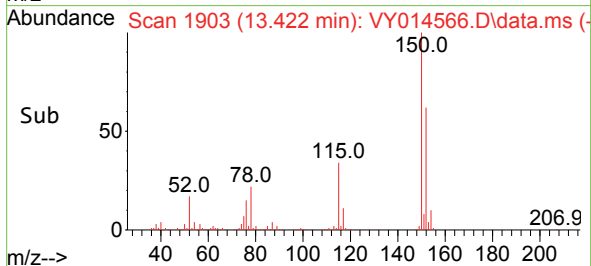
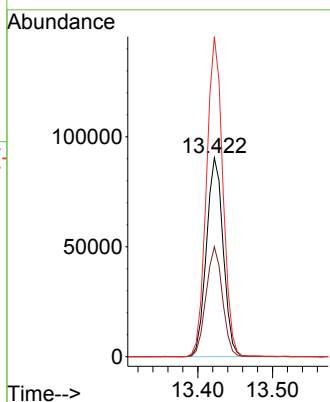
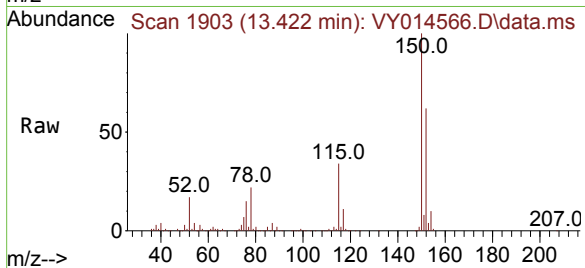




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014566.D
 Acq: 05 Jul 2023 18:19

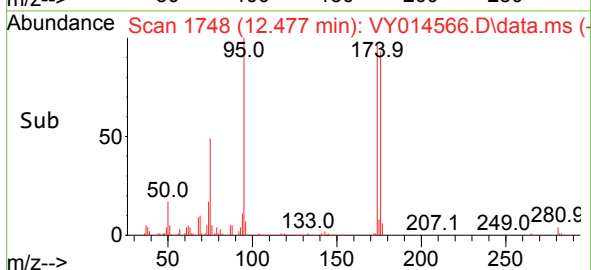
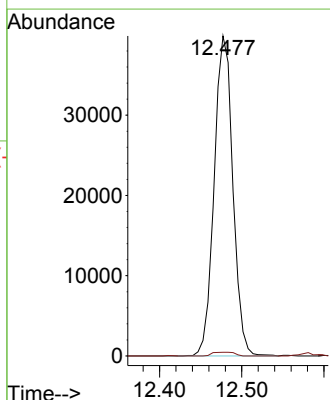
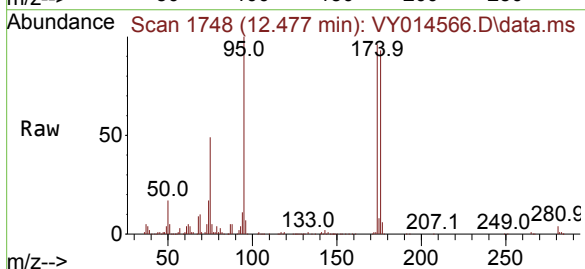
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-01-G

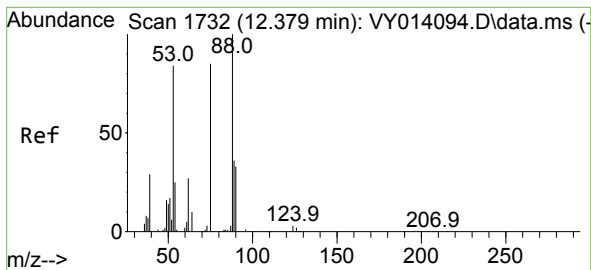
Tgt Ion:152 Resp: 140968
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.8 86.5
 150 156.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.070 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014566.D
 Acq: 05 Jul 2023 18:19

Tgt Ion: 75 Resp: 62976
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.100 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014566.D
 Acq: 05 Jul 2023 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-01-G

Tgt Ion: 75 Resp: 62976
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.8 116.8#
 89 0.0 37.4 56.0#

