

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014538.D
 Acq On : 03 Jul 2023 16:20
 Operator : KP/MD
 Sample : 03510-19
 Misc : 9.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-11-G

Quant Time: Jul 04 03:02:32 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)

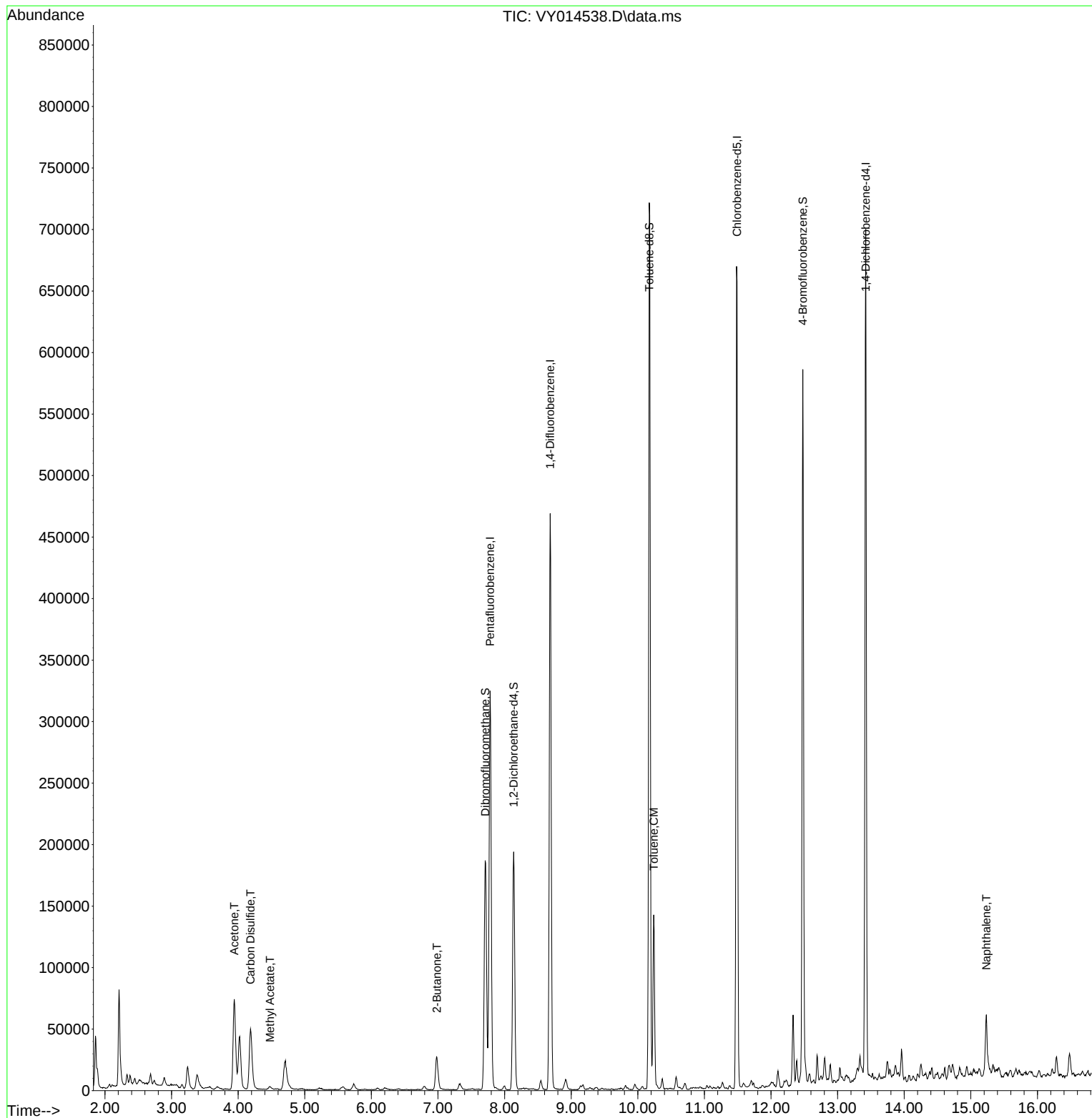
Internal Standards						
1) Pentafluorobenzene	7.783	168	276759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	431037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	404032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151862	55.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.710	113	138093	52.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.060%			
50) Toluene-d8	10.173	98	505331	48.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.320%			
62) 4-Bromofluorobenzene	12.477	95	172400	47.316	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.640%			
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	126152	146.725	ug/l #	84
17) Carbon Disulfide	4.186	76	89894	11.364	ug/l	99
18) Methyl Acetate	4.479	43	4582	1.171	ug/l #	89
25) 2-Butanone	6.984	43	43271	33.989	ug/l	96
52) Toluene	10.240	92	62147	8.026	ug/l	96
95) Naphthalene	15.233	128	42753	5.167	ug/l	99

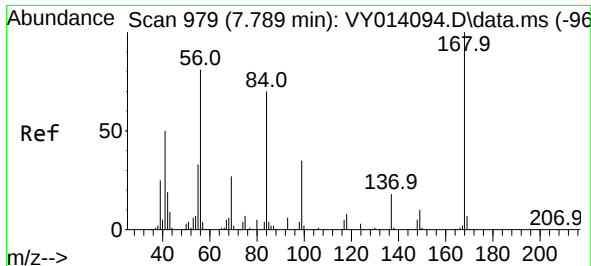
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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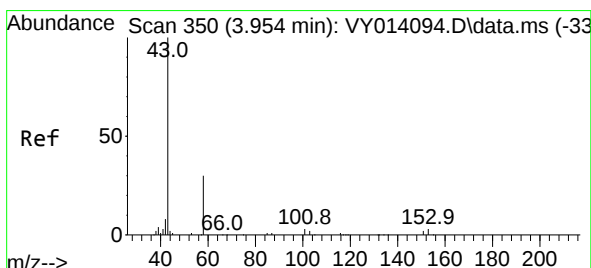
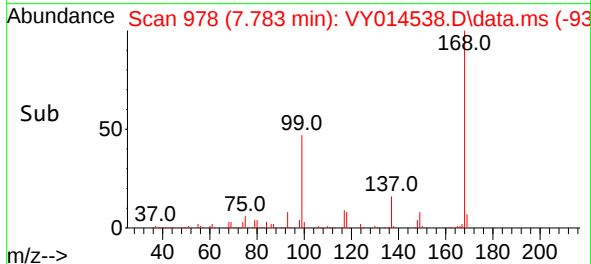
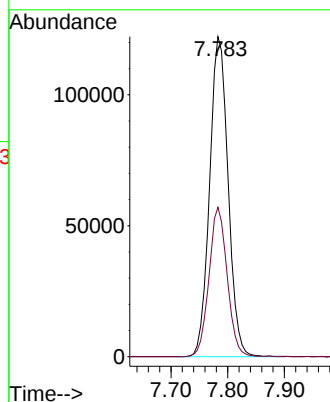
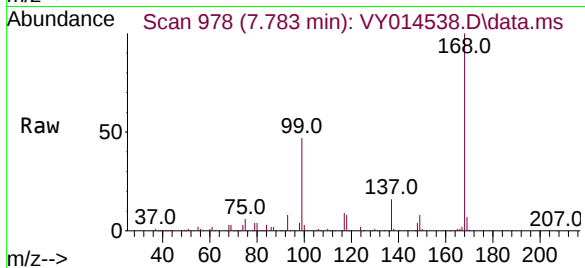




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

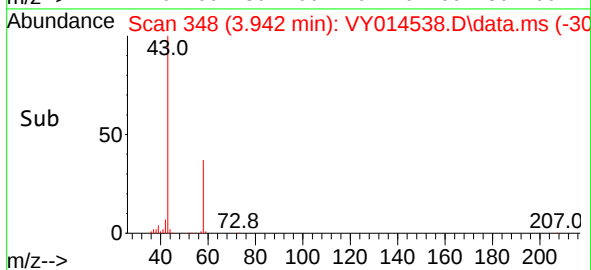
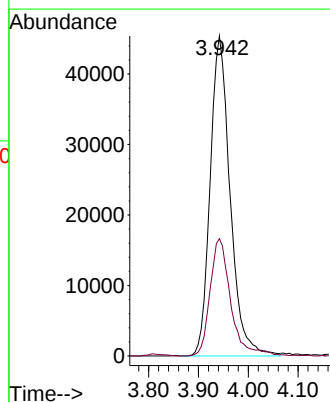
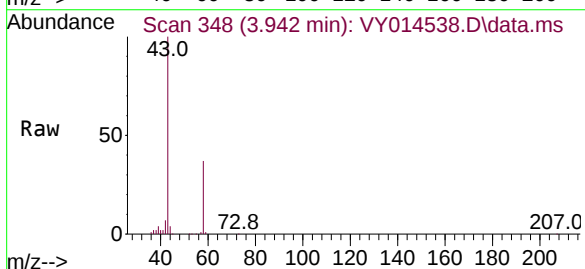
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-11-G

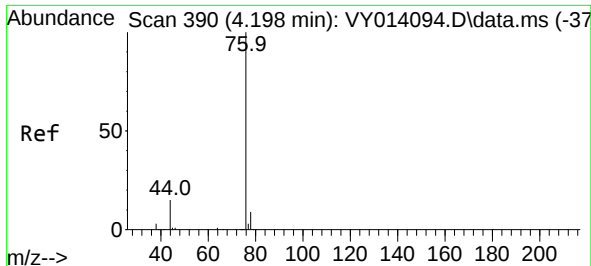
Tgt Ion:168 Resp: 276759
Ion Ratio Lower Upper
168 100
99 46.7 43.4 65.0



#16
Acetone
Concen: 146.725 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

Tgt Ion: 43 Resp: 126152
Ion Ratio Lower Upper
43 100
58 36.7 22.7 34.1#

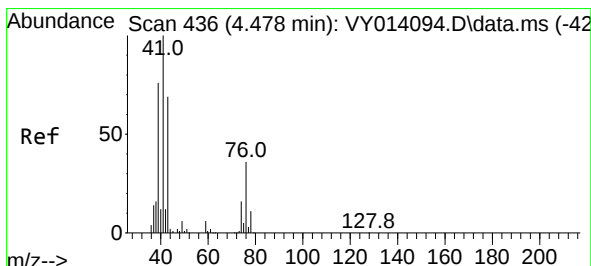
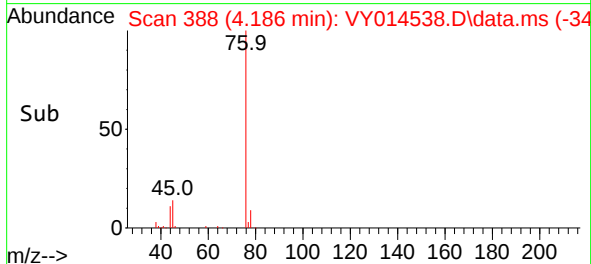
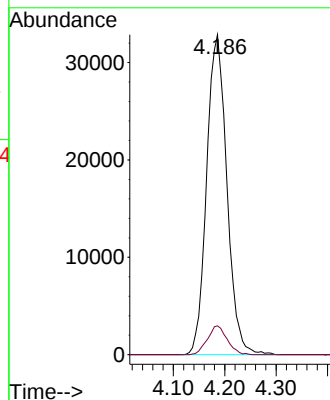
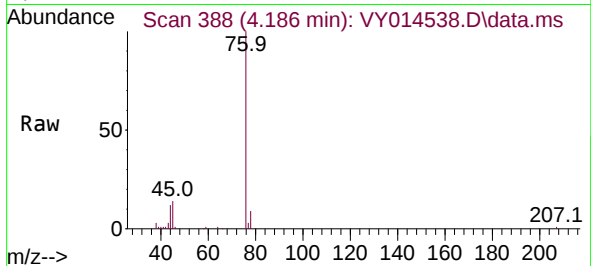




#17
Carbon Disulfide
Concen: 11.364 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

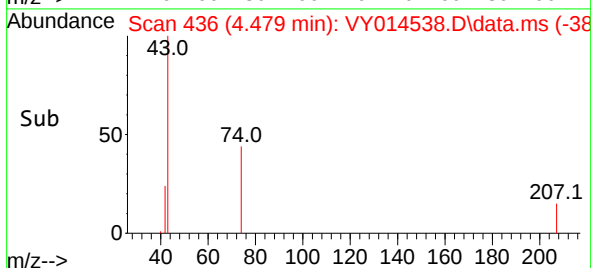
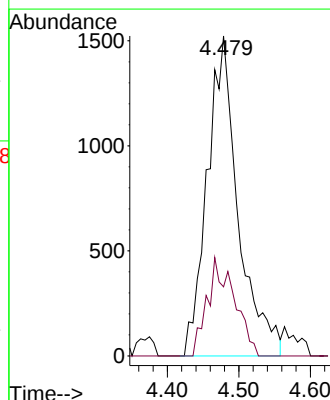
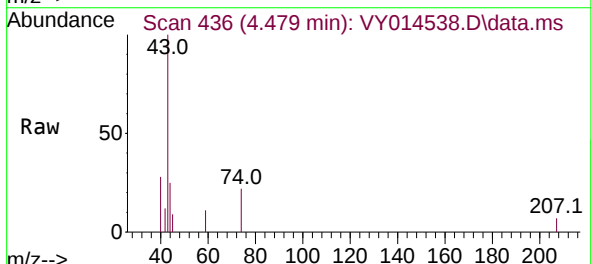
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-11-G

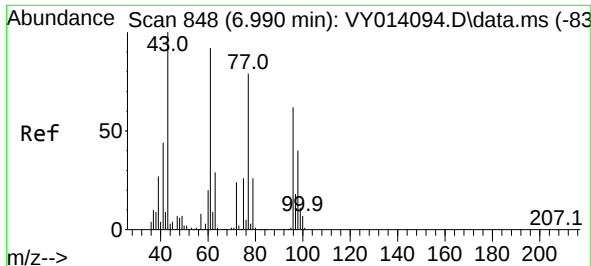
Tgt Ion: 76 Resp: 89894
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 1.171 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
74 27.0 17.4 26.0#

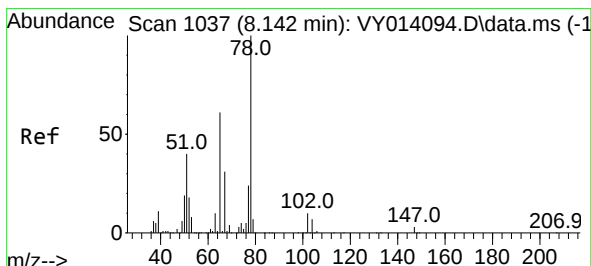
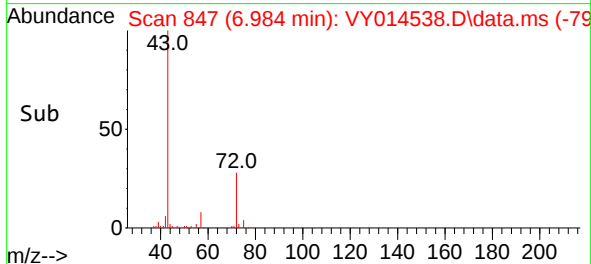
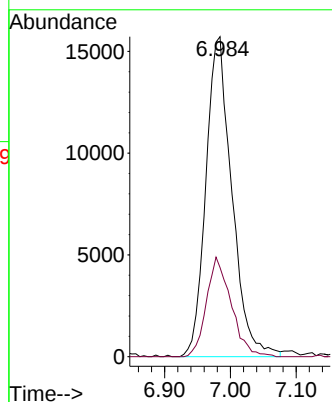
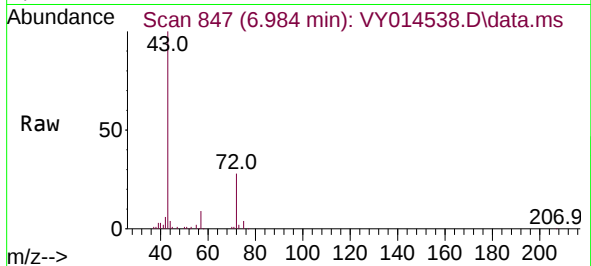




#25
2-Butanone
Concen: 33.989 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

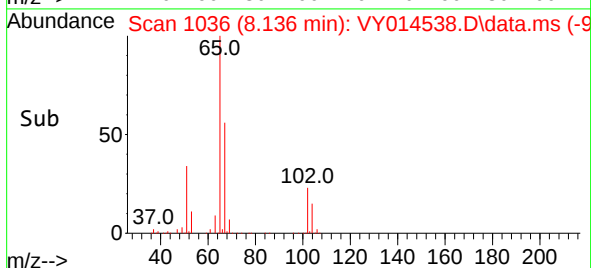
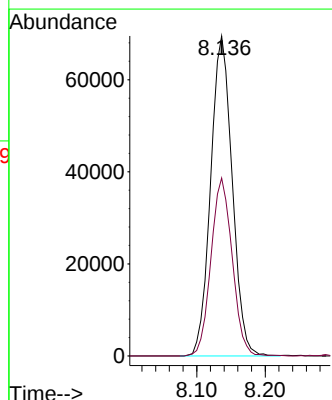
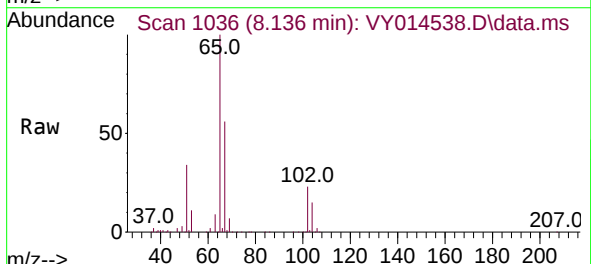
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-11-G

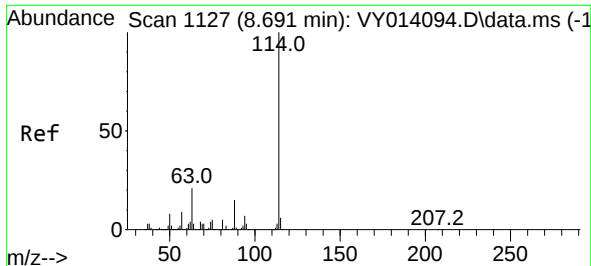
Tgt Ion: 43 Resp: 43271
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 55.159 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

Tgt Ion: 65 Resp: 151862
Ion Ratio Lower Upper
65 100
67 54.8 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: VY014538.D

Acq: 03 Jul 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-11-G

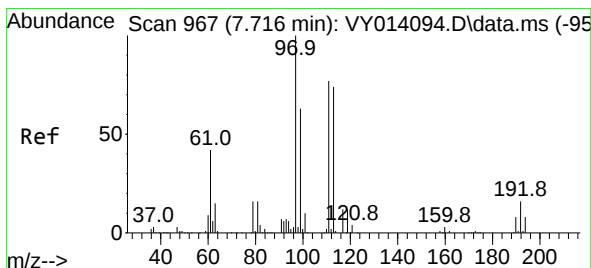
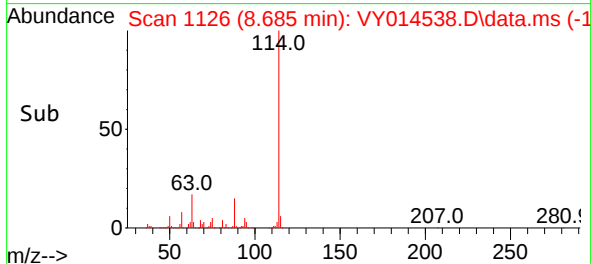
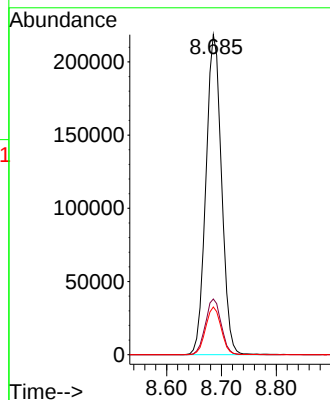
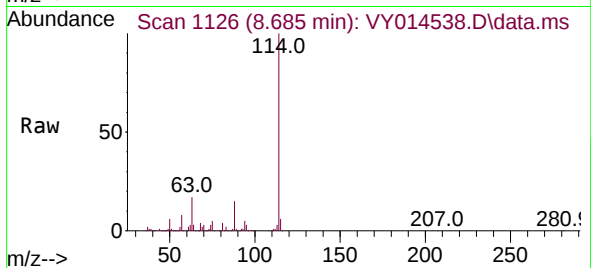
Tgt Ion:114 Resp: 431037

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.025 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014538.D

Acq: 03 Jul 2023 16:20

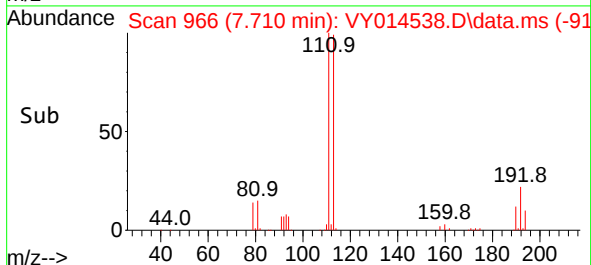
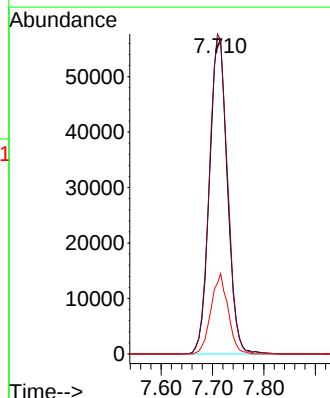
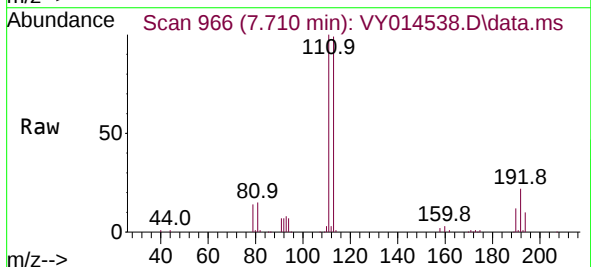
Tgt Ion:113 Resp: 138093

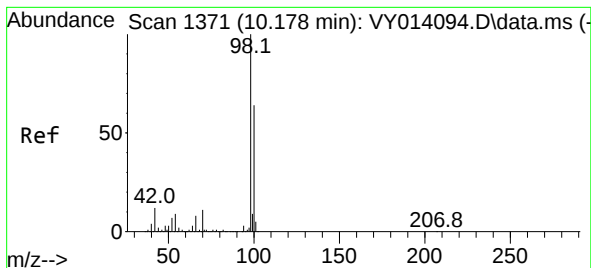
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 24.0 16.9 25.3

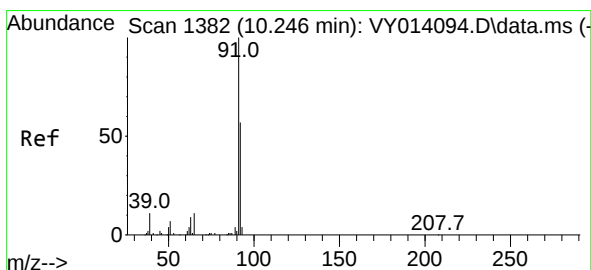
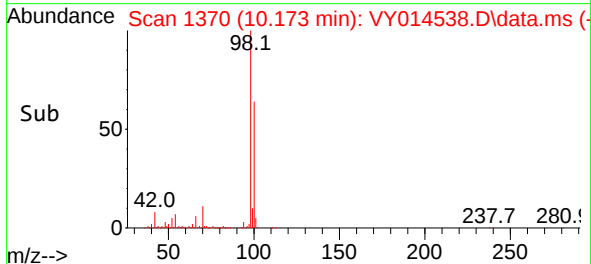
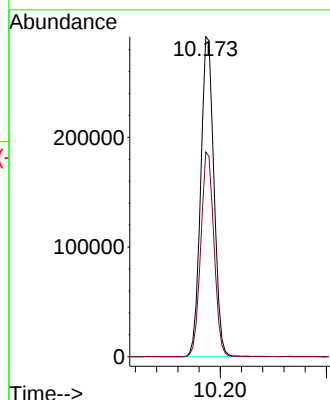
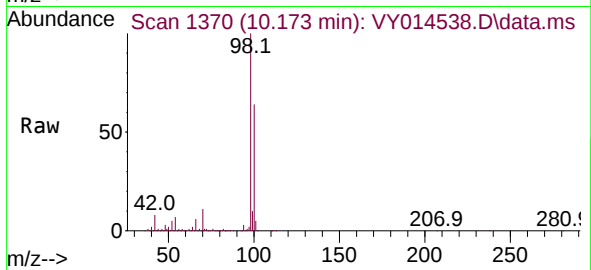




#50
Toluene-d8
Concen: 48.159 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

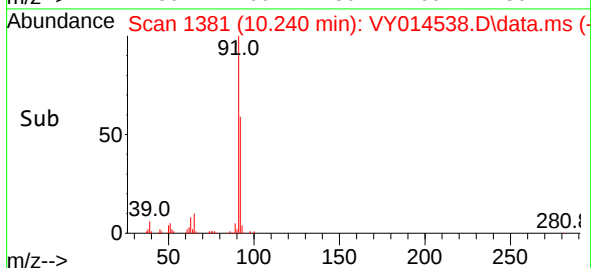
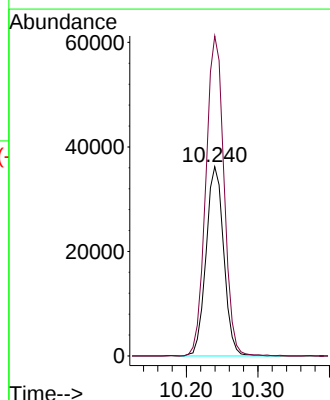
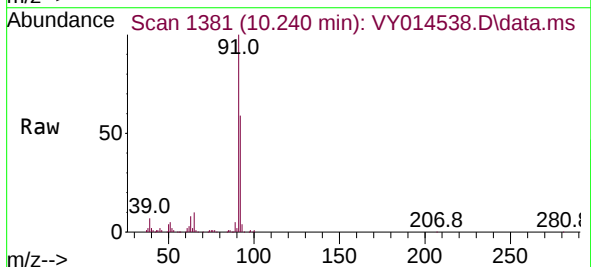
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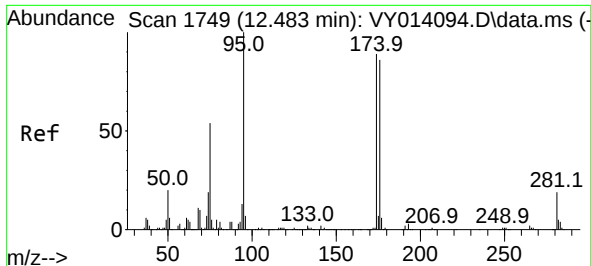
Tgt Ion: 98 Resp: 505331
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



#52
Toluene
Concen: 8.026 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

Tgt Ion: 92 Resp: 62147
Ion Ratio Lower Upper
92 100
91 173.5 143.8 215.6

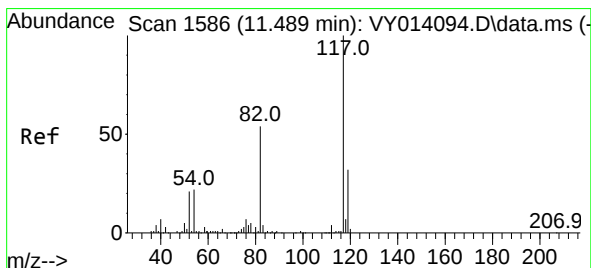
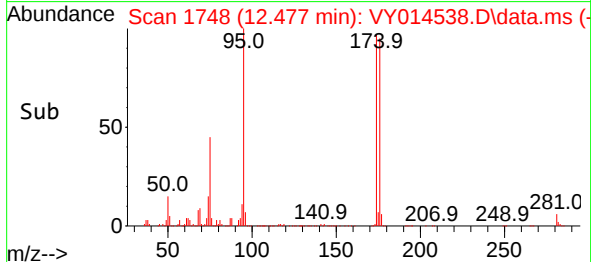
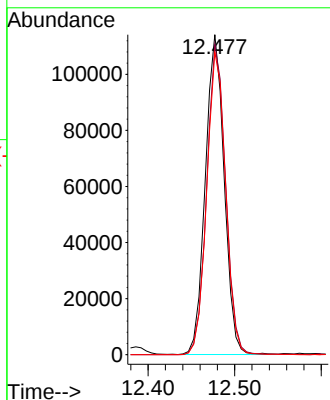
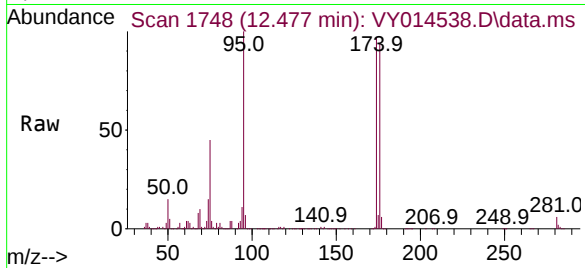




#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

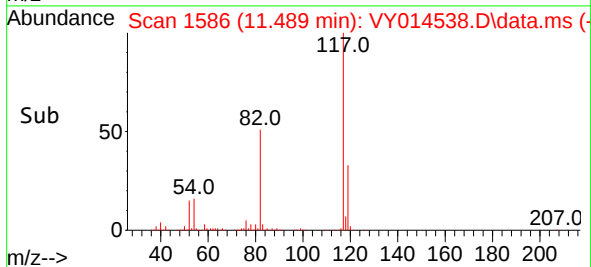
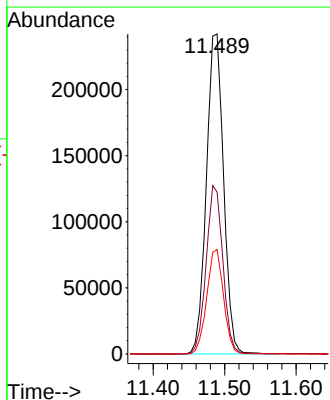
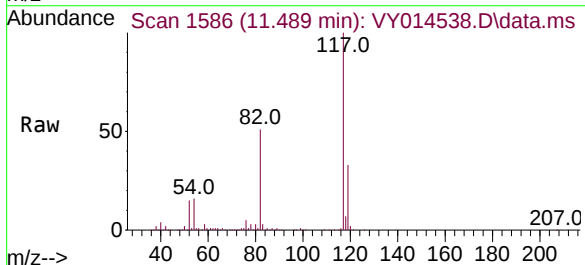
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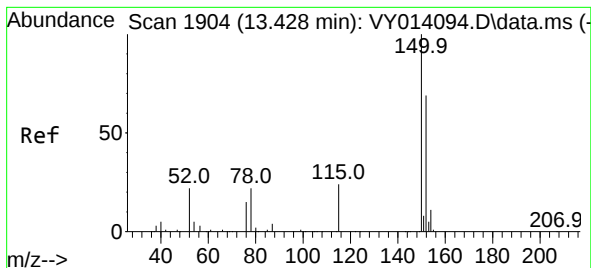
Tgt Ion: 95 Resp: 172400
Ion Ratio Lower Upper
95 100
174 97.4 0.0 178.2
176 94.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014538.D
Acq: 03 Jul 2023 16:20

Tgt Ion: 117 Resp: 404032
Ion Ratio Lower Upper
117 100
82 50.6 43.4 65.0
119 32.7 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: VY014538.D

Acq: 03 Jul 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-11-G

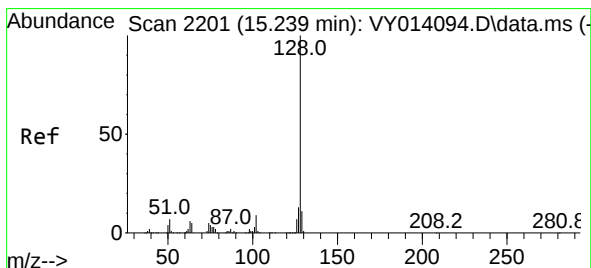
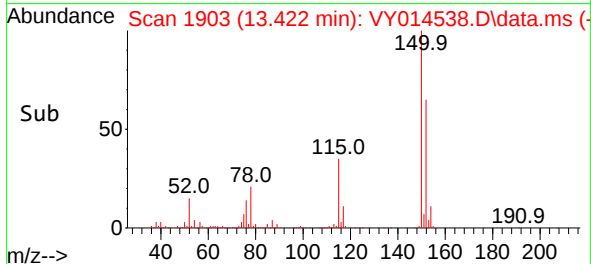
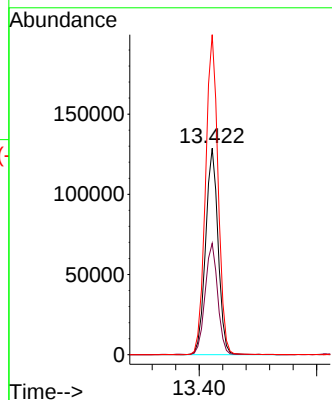
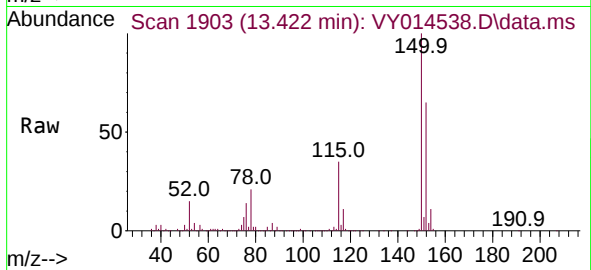
Tgt Ion:152 Resp: 190076

Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 156.3 0.0 348.8



#95

Naphthalene

Concen: 5.167 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY014538.D

Acq: 03 Jul 2023 16:20

Tgt Ion:128 Resp: 42753

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.3 8.6 13.0

