

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014563.D
 Acq On : 05 Jul 2023 17:08
 Operator : KP/MD
 Sample : 03510-04
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 06 01:35:05 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)

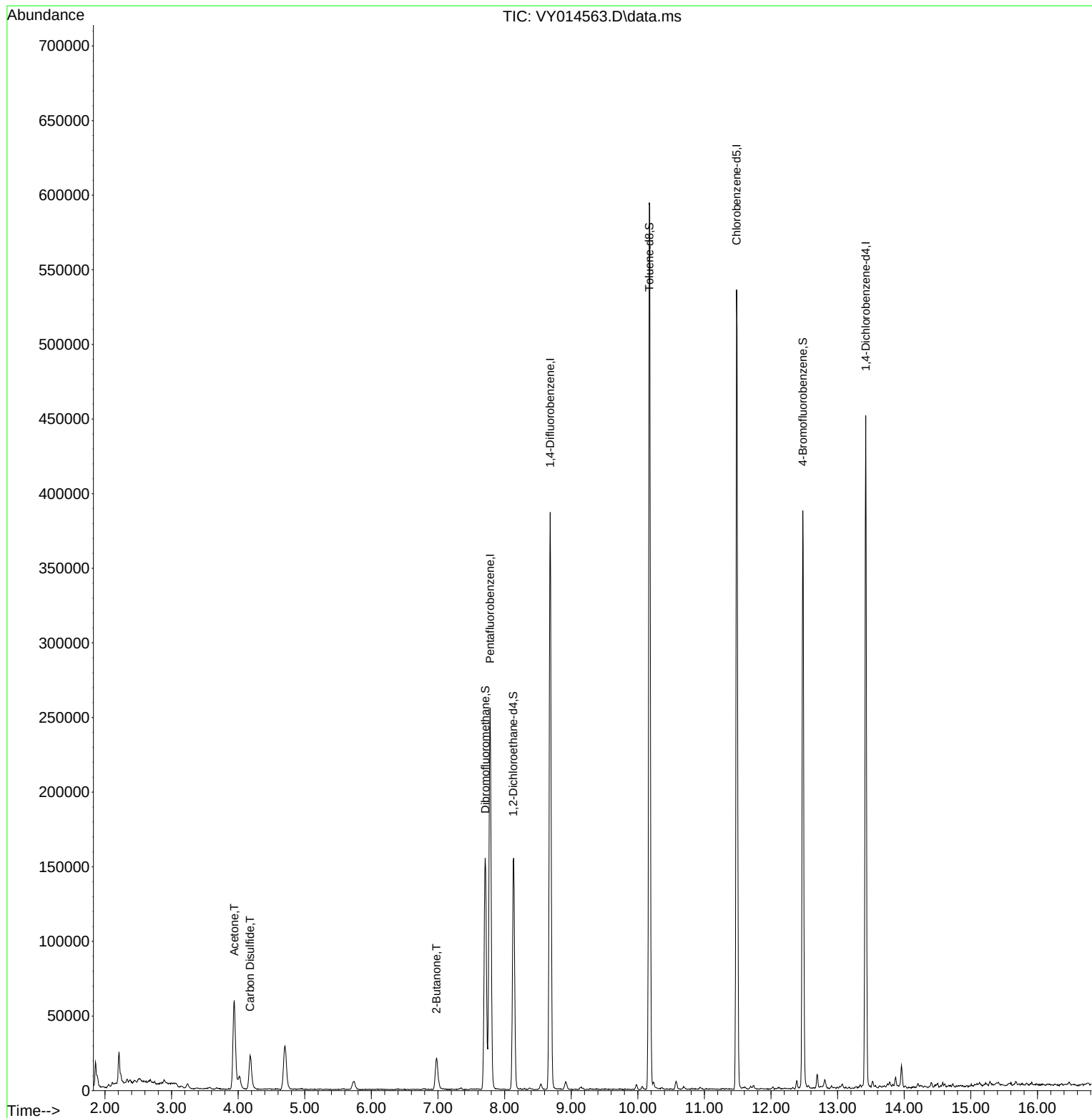
Internal Standards						
1) Pentafluorobenzene	7.783	168	212497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	307443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	124035	58.676	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 117.360%		
35) Dibromofluoromethane	7.710	113	112072	53.460	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.920%		
50) Toluene-d8	10.173	98	412112	49.729	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.460%		
62) 4-Bromofluorobenzene	12.477	95	115290	40.064	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 80.120%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	103646	157.004	ug/l	91
17) Carbon Disulfide	4.180	76	42960	7.073	ug/l	99
25) 2-Butanone	6.978	43	31150	31.868	ug/l	94

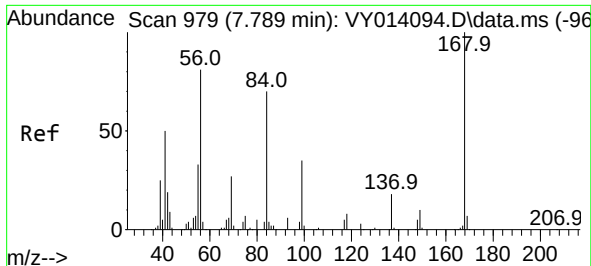
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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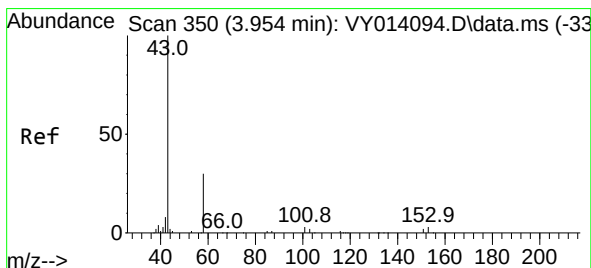
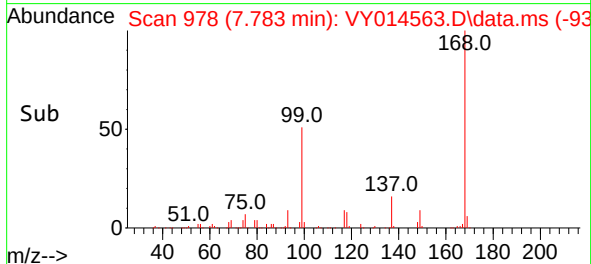
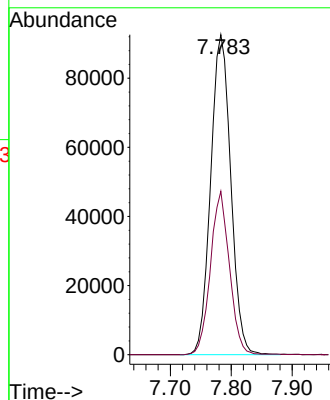
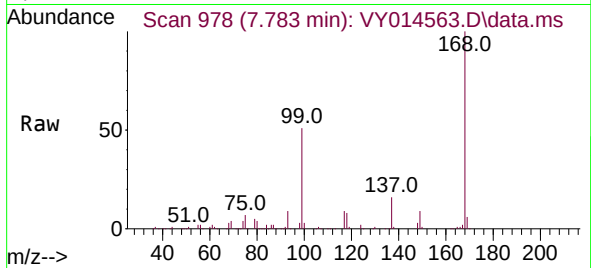




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

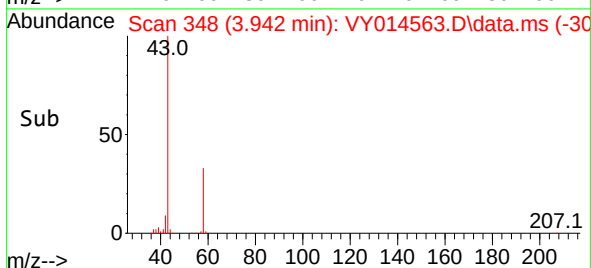
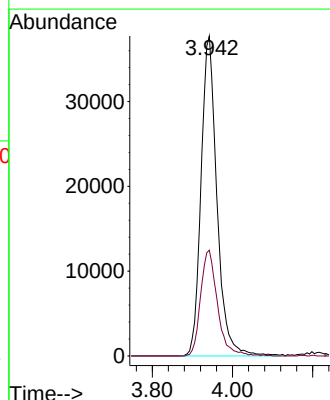
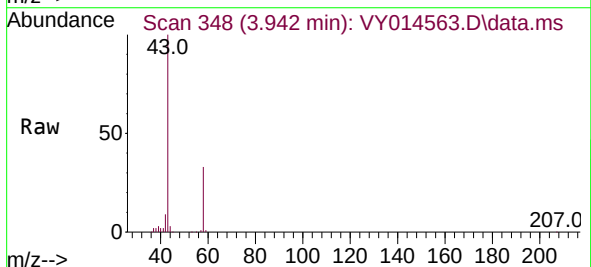
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

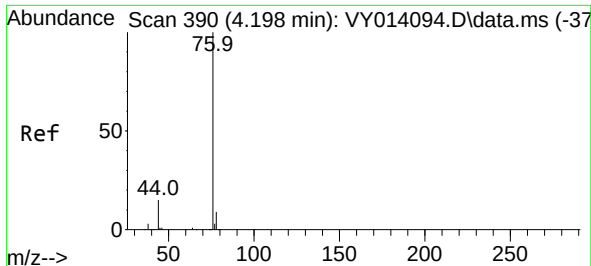
Tgt Ion:168 Resp: 212497
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#16
Acetone
Concen: 157.004 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 43 Resp: 103646
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

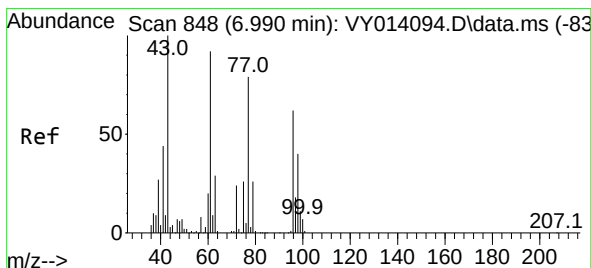
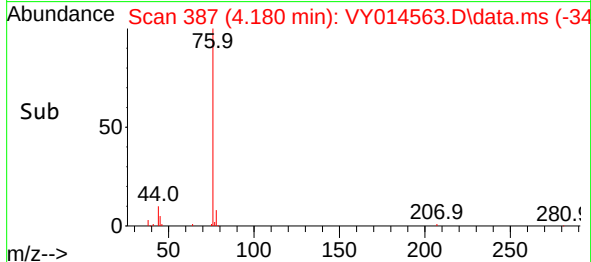
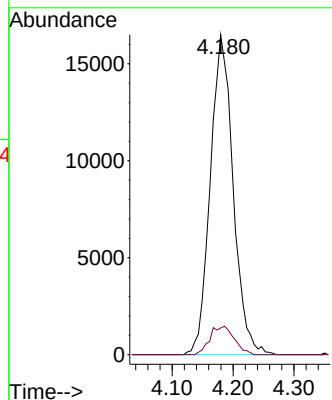
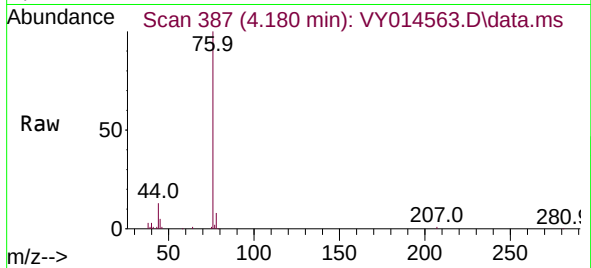




#17
Carbon Disulfide
Concen: 7.073 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

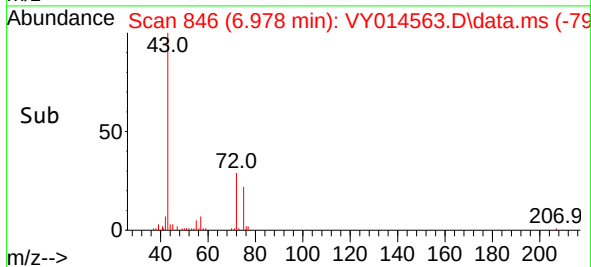
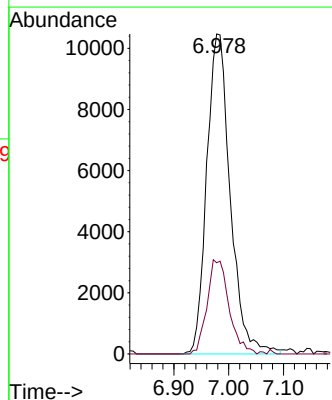
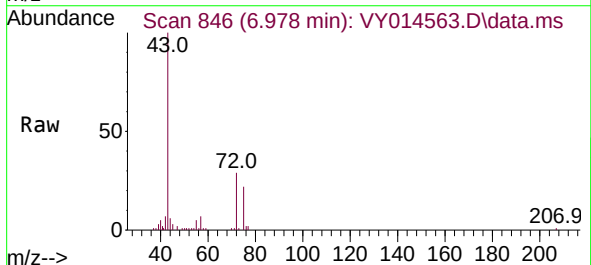
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

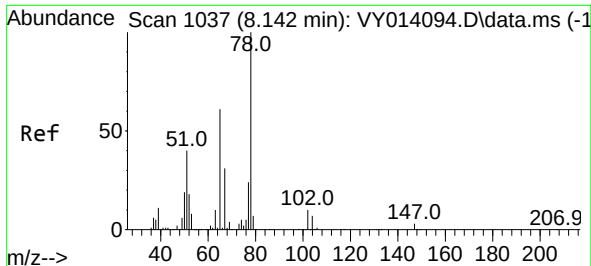
Tgt Ion: 76 Resp: 42960
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#25
2-Butanone
Concen: 31.868 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 43 Resp: 31150
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7

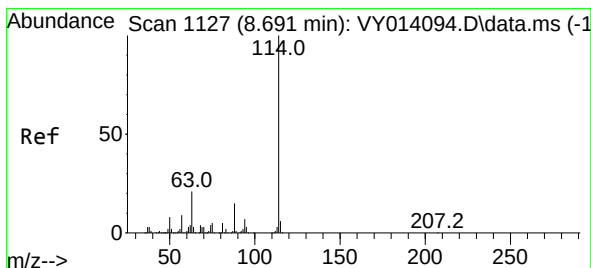
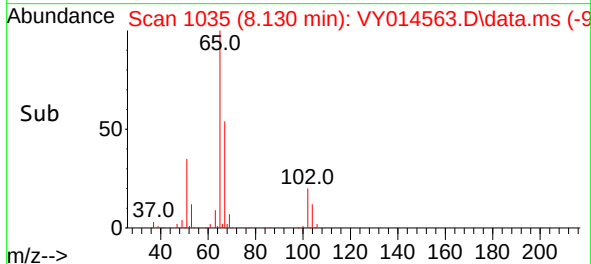
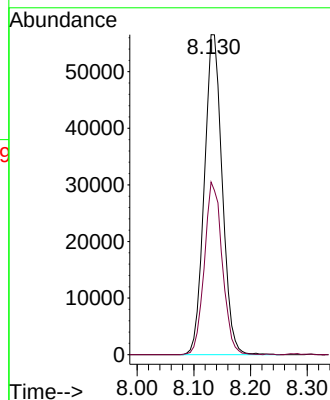
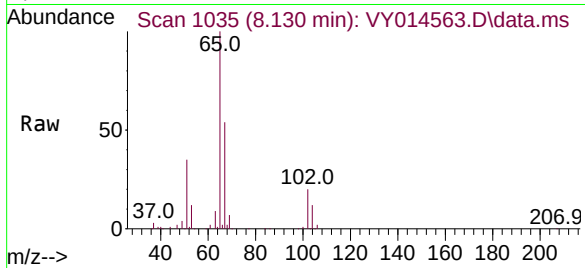




#33
 1,2-Dichloroethane-d4
 Concen: 58.676 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.012 min
 Lab File: VY014563.D
 Acq: 05 Jul 2023 17:08

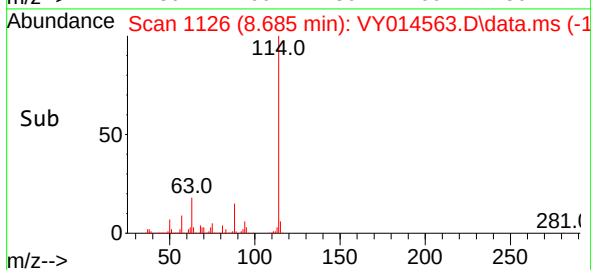
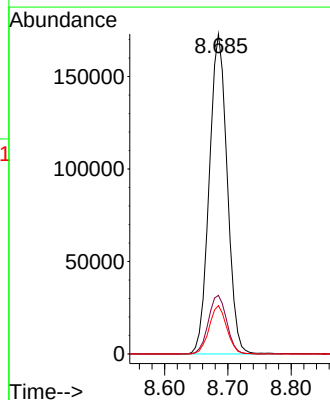
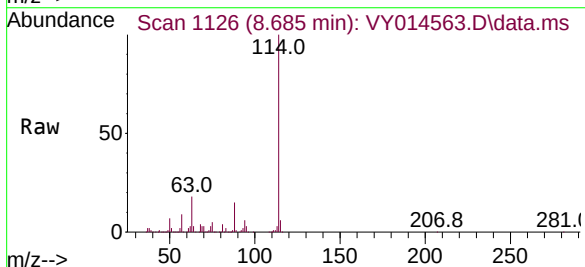
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-06-G

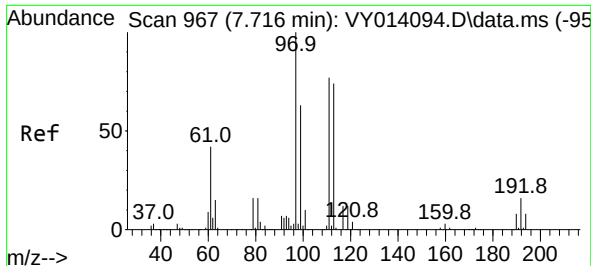
Tgt Ion: 65 Resp: 124035
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014563.D
 Acq: 05 Jul 2023 17:08

Tgt Ion:114 Resp: 340424
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 15.1 0.0 30.6

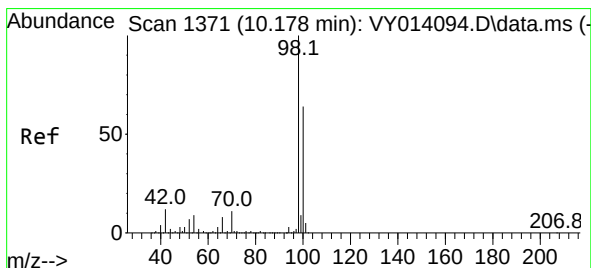
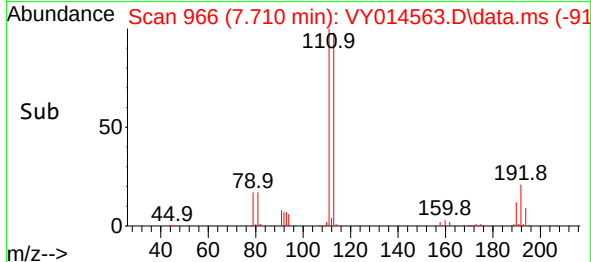
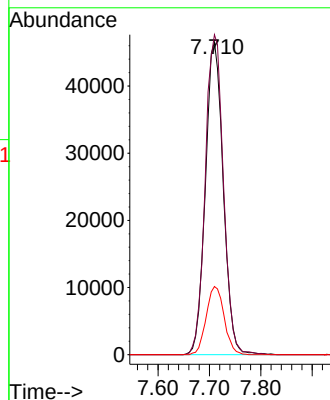
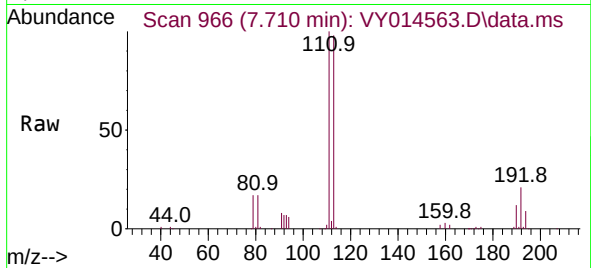




#35
Dibromofluoromethane
Concen: 53.460 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

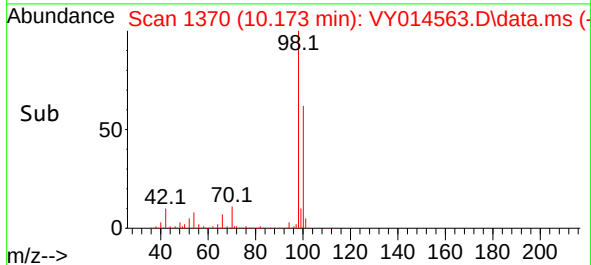
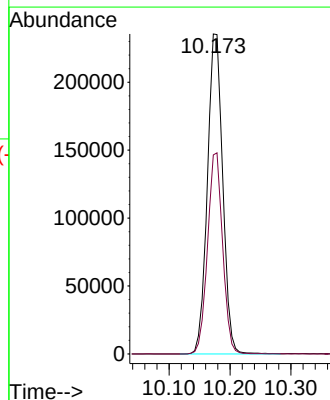
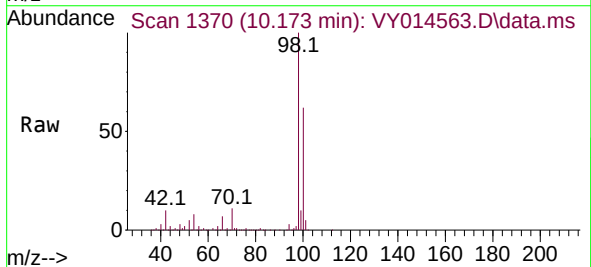
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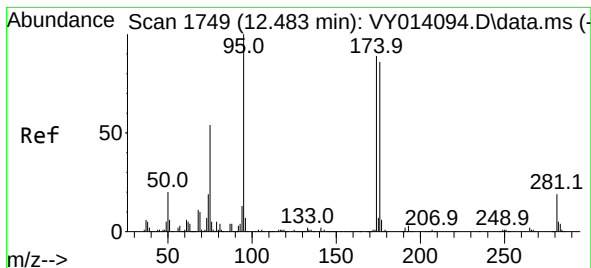
Tgt Ion:113 Resp: 112072
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 49.729 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 98 Resp: 412112
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1

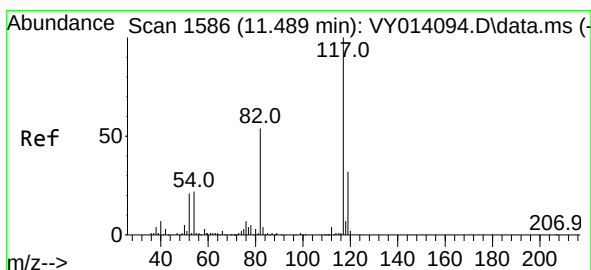
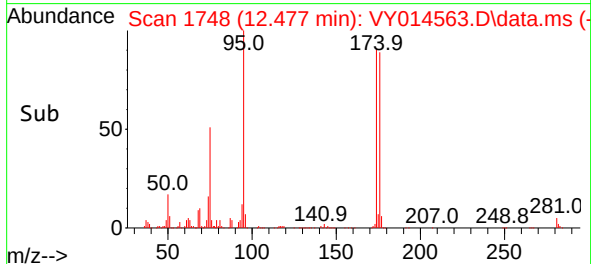
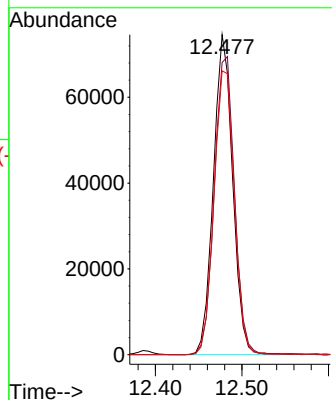
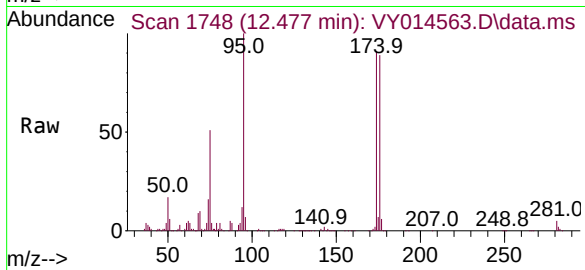




#62
4-Bromofluorobenzene
Concen: 40.064 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

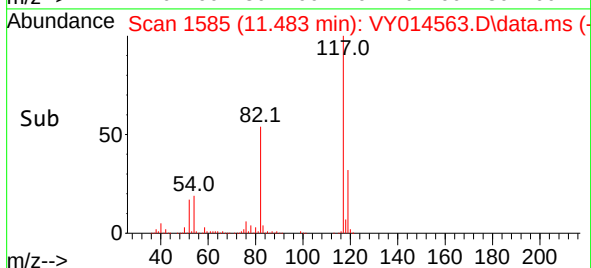
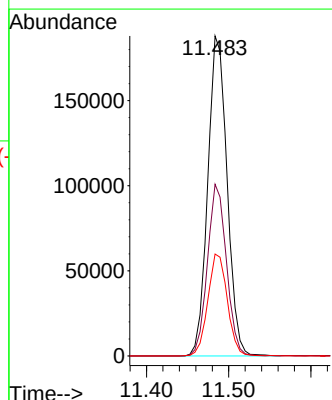
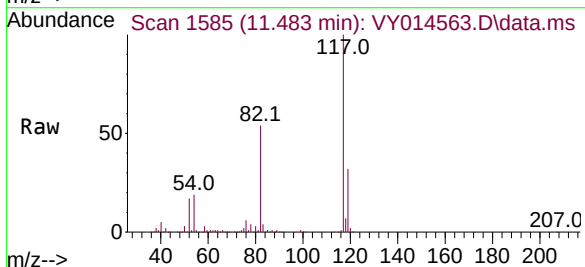
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-06-G

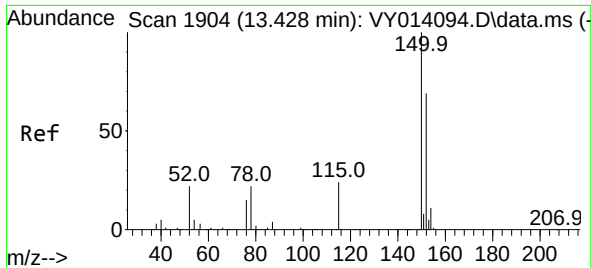
Tgt Ion: 95 Resp: 115290
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 93.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014563.D
Acq: 05 Jul 2023 17:08

Tgt Ion: 117 Resp: 307443
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.9 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: VY014563.D

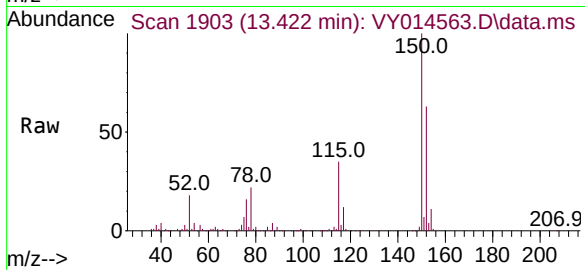
Acq: 05 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-06-G



Tgt Ion:152 Resp: 121104

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 155.7 0.0 348.8

