

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010718.D
 Acq On : 28 Sep 2022 15:51
 Operator : KP/MD
 Sample : N4850-01
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2

Quant Time: Sep 29 01:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

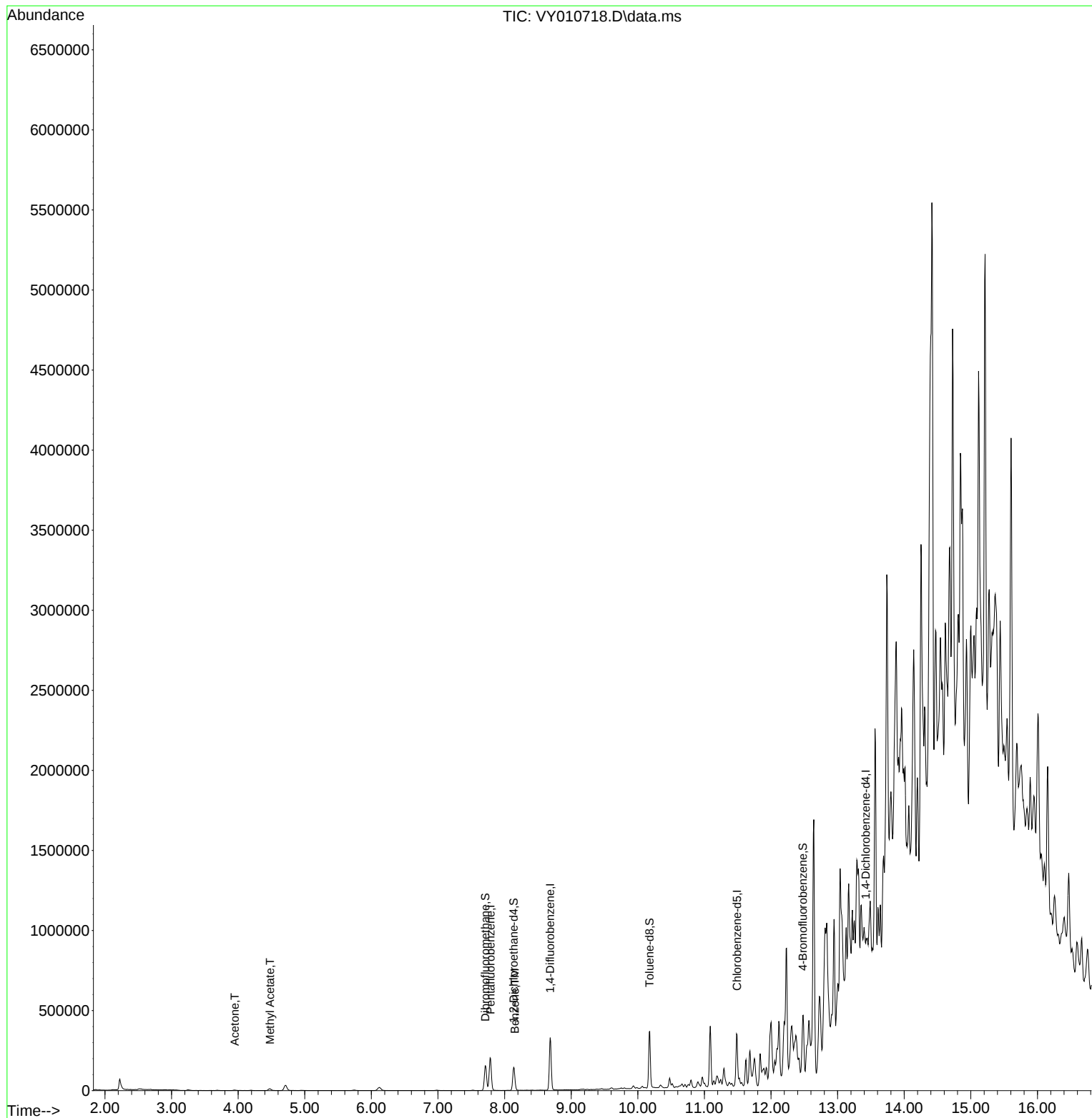
Internal Standards						
1) Pentafluorobenzene	7.789	168	157564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	282024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111079	73.706	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 147.420%		
35) Dibromofluoromethane	7.710	113	111956	62.202	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 124.400%		
50) Toluene-d8	10.179	98	233356	36.012	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 72.020%		
62) 4-Bromofluorobenzene	12.477	95	72295	28.101	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 56.200%		
Target Compounds						
						Qvalue
16) Acetone	3.948	43	5301	17.249	ug/l	90
18) Methyl Acetate	4.479	43	23050	25.501	ug/l	93
40) Benzene	8.155	78	9373	1.568	ug/l	98

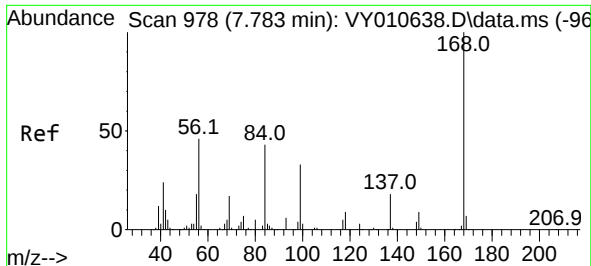
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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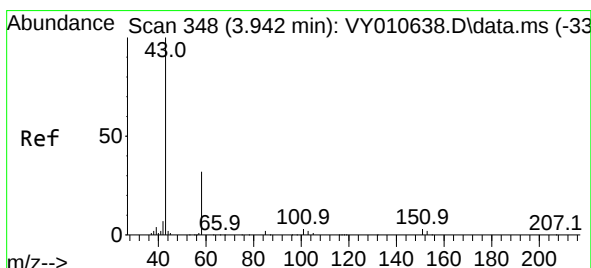
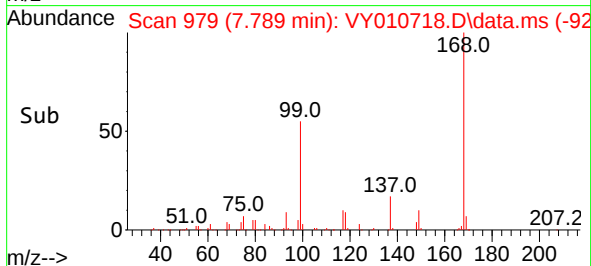
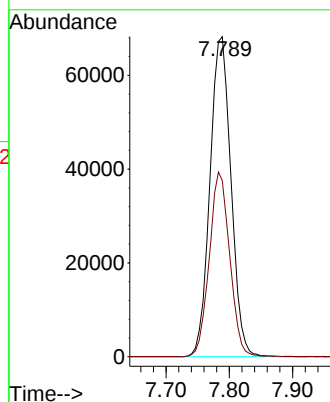
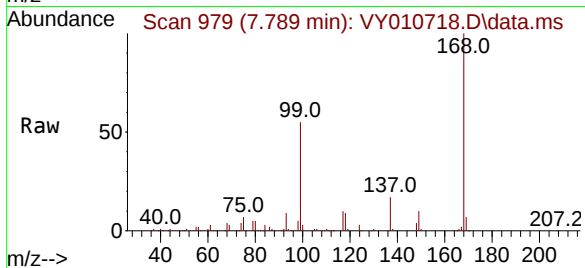




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

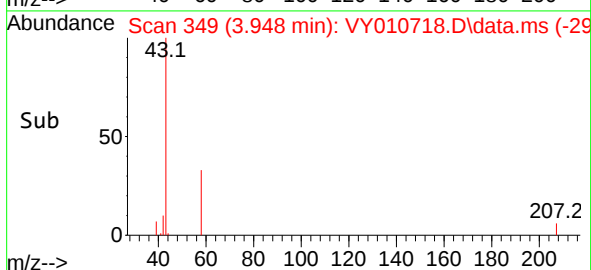
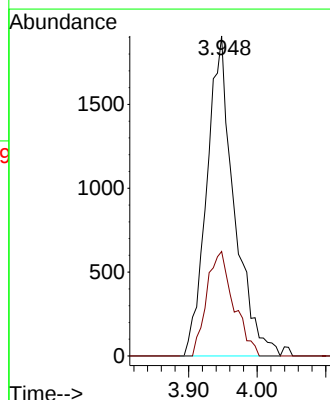
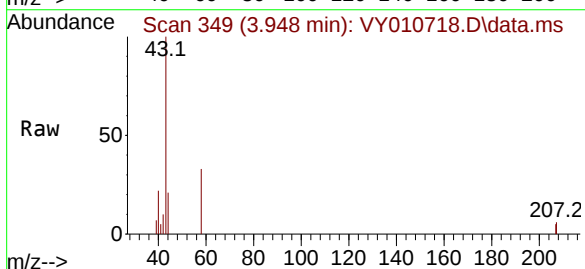
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

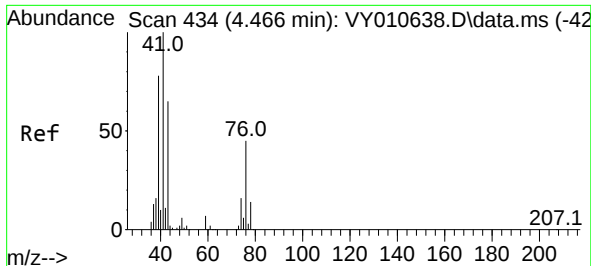
Tgt Ion:168 Resp: 157564
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 17.249 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

Tgt Ion: 43 Resp: 5301
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

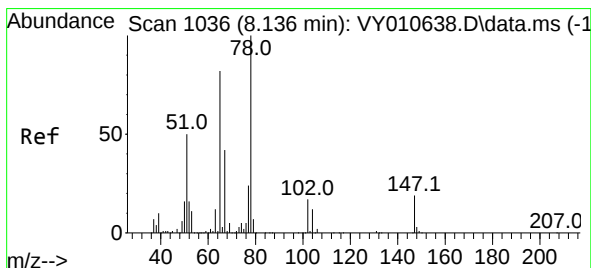
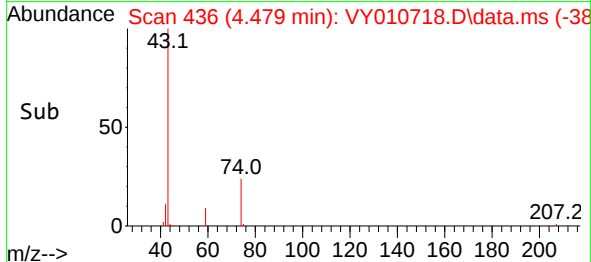
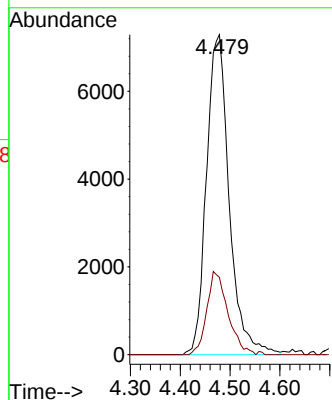
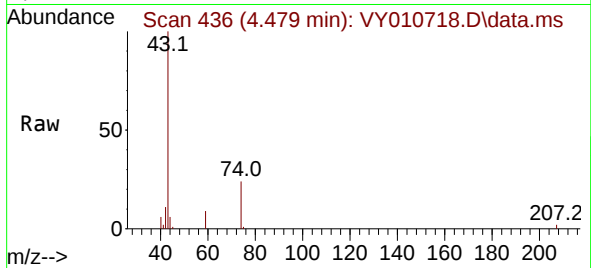




#18
Methyl Acetate
Concen: 25.501 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

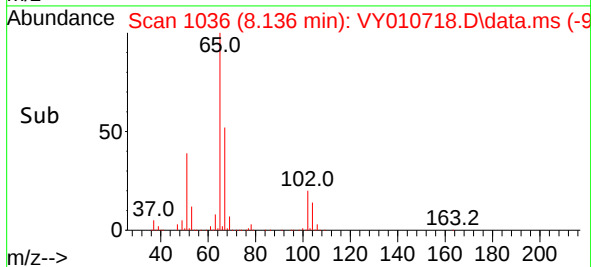
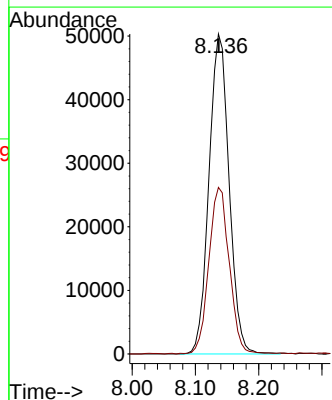
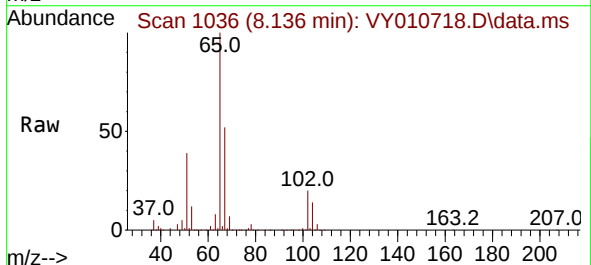
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2

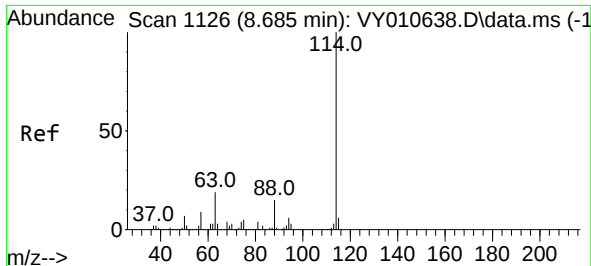
Tgt Ion: 43 Resp: 23050
Ion Ratio Lower Upper
43 100
74 24.1 16.6 24.8



#33
1,2-Dichloroethane-d4
Concen: 73.706 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

Tgt Ion: 65 Resp: 111079
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010718.D

Acq: 28 Sep 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-14B-SP-2

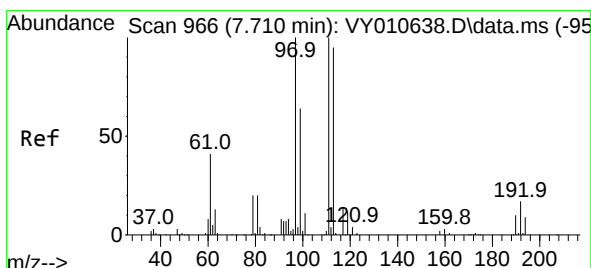
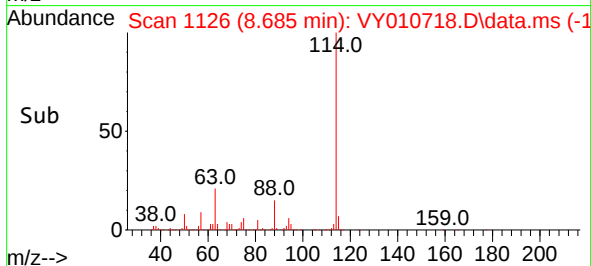
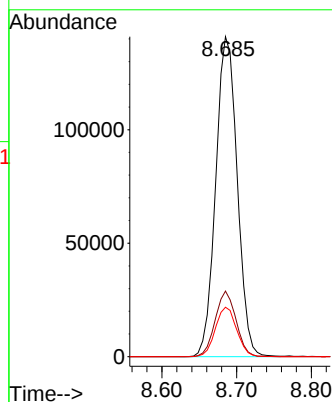
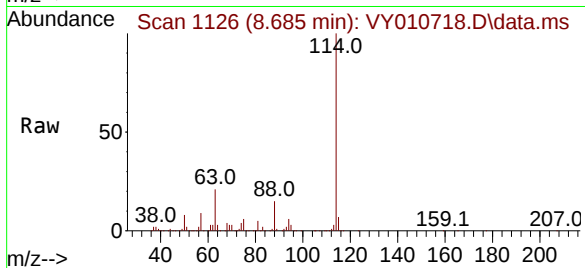
Tgt Ion:114 Resp: 282024

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.202 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010718.D

Acq: 28 Sep 2022 15:51

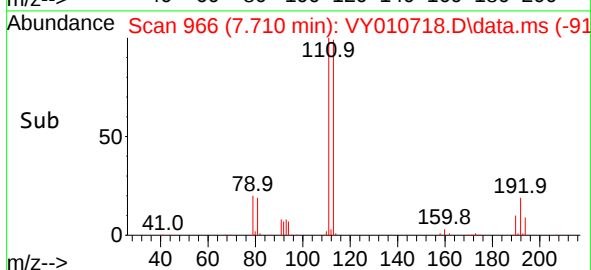
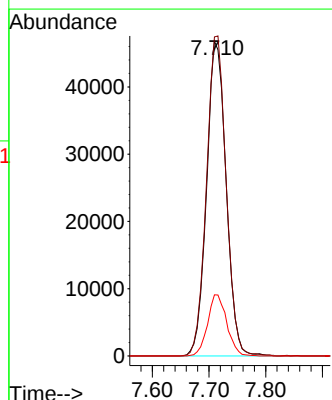
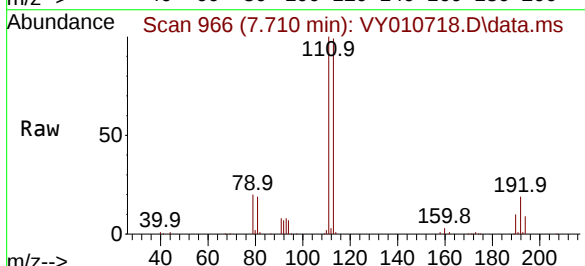
Tgt Ion:113 Resp: 111956

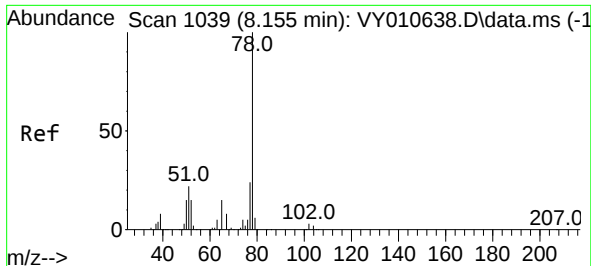
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.1 17.6 26.4

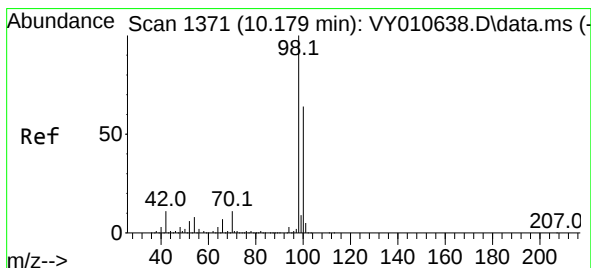
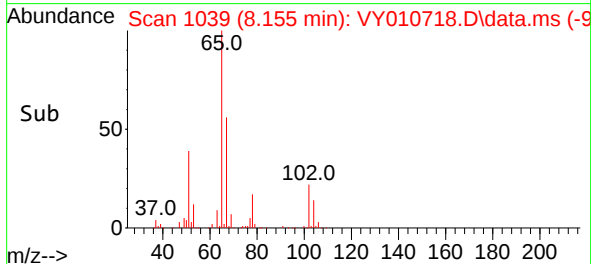
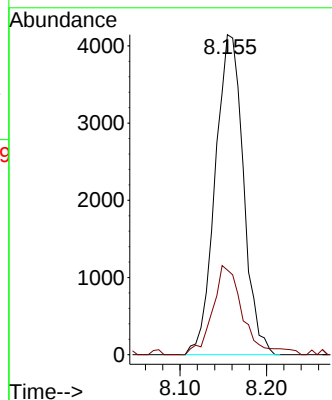
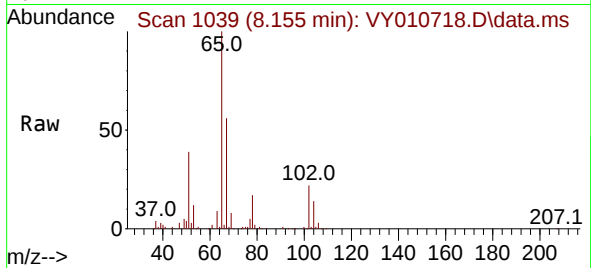




#40
Benzene
Concen: 1.568 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

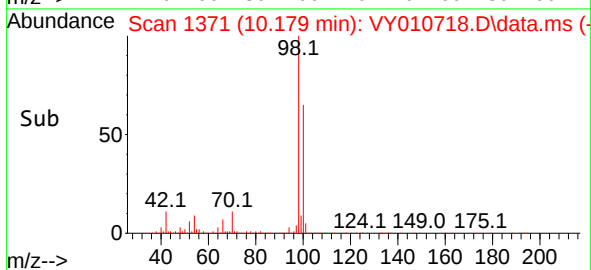
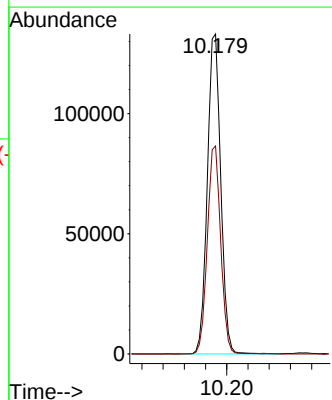
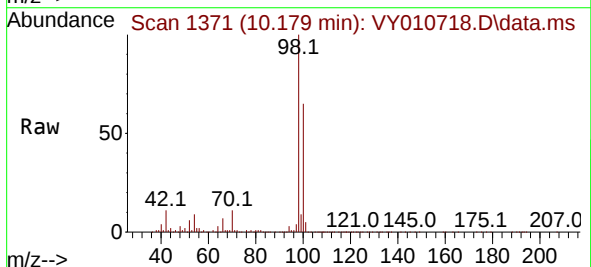
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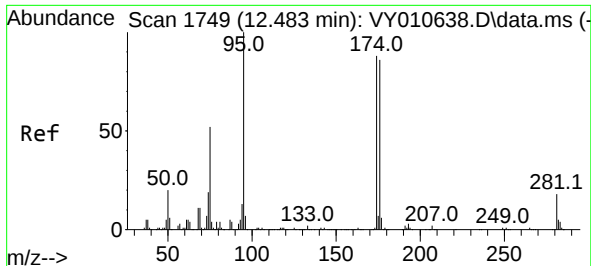
Tgt Ion: 78 Resp: 9373
Ion Ratio Lower Upper
78 100
77 26.5 20.4 30.6



#50
Toluene-d8
Concen: 36.012 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

Tgt Ion: 98 Resp: 233356
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

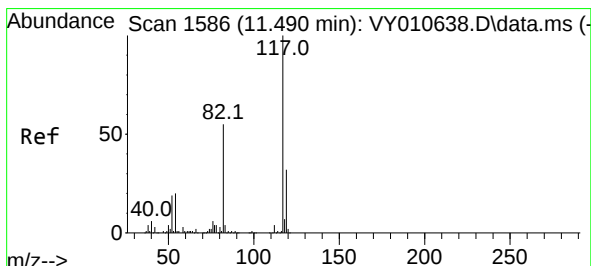
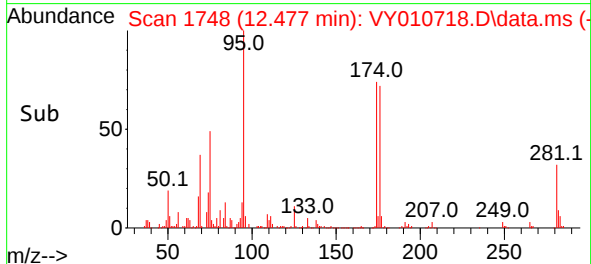
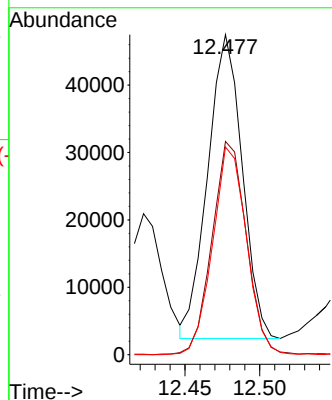
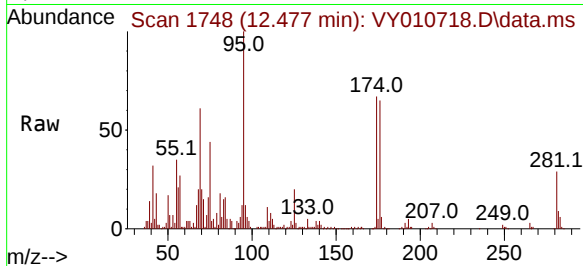




#62
4-Bromofluorobenzene
Concen: 28.101 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

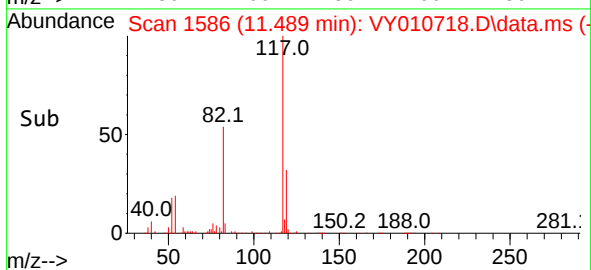
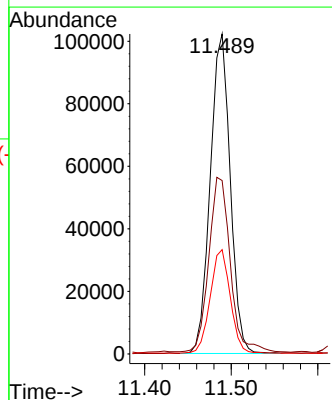
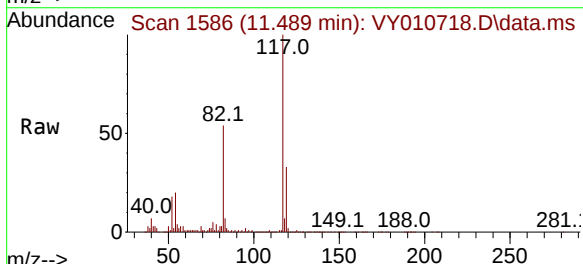
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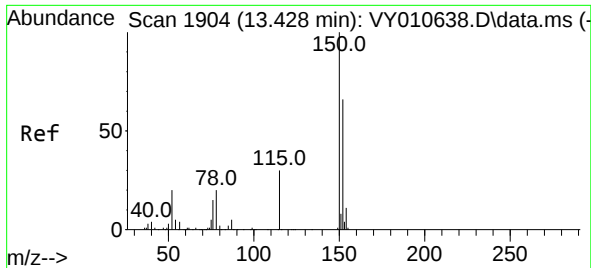
Tgt Ion: 95 Resp: 72295
Ion Ratio Lower Upper
95 100
174 70.4 0.0 177.0
176 67.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010718.D
Acq: 28 Sep 2022 15:51

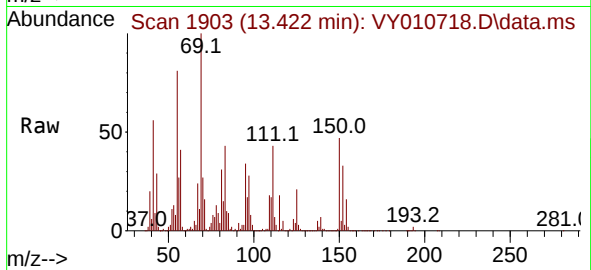
Tgt Ion: 117 Resp: 163734
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010718.D
 Acq: 28 Sep 2022 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2



Tgt Ion:152 Resp: 66930
 Ion Ratio Lower Upper
 152 100
 115 35.7 28.2 84.7
 150 94.2 0.0 347.6

