

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016361.D
 Acq On : 15 Nov 2023 13:14
 Operator : SY/MD
 Sample : 05408-07
 Misc : 7.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-PLAINFIELD-AVE

Quant Time: Nov 16 00:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

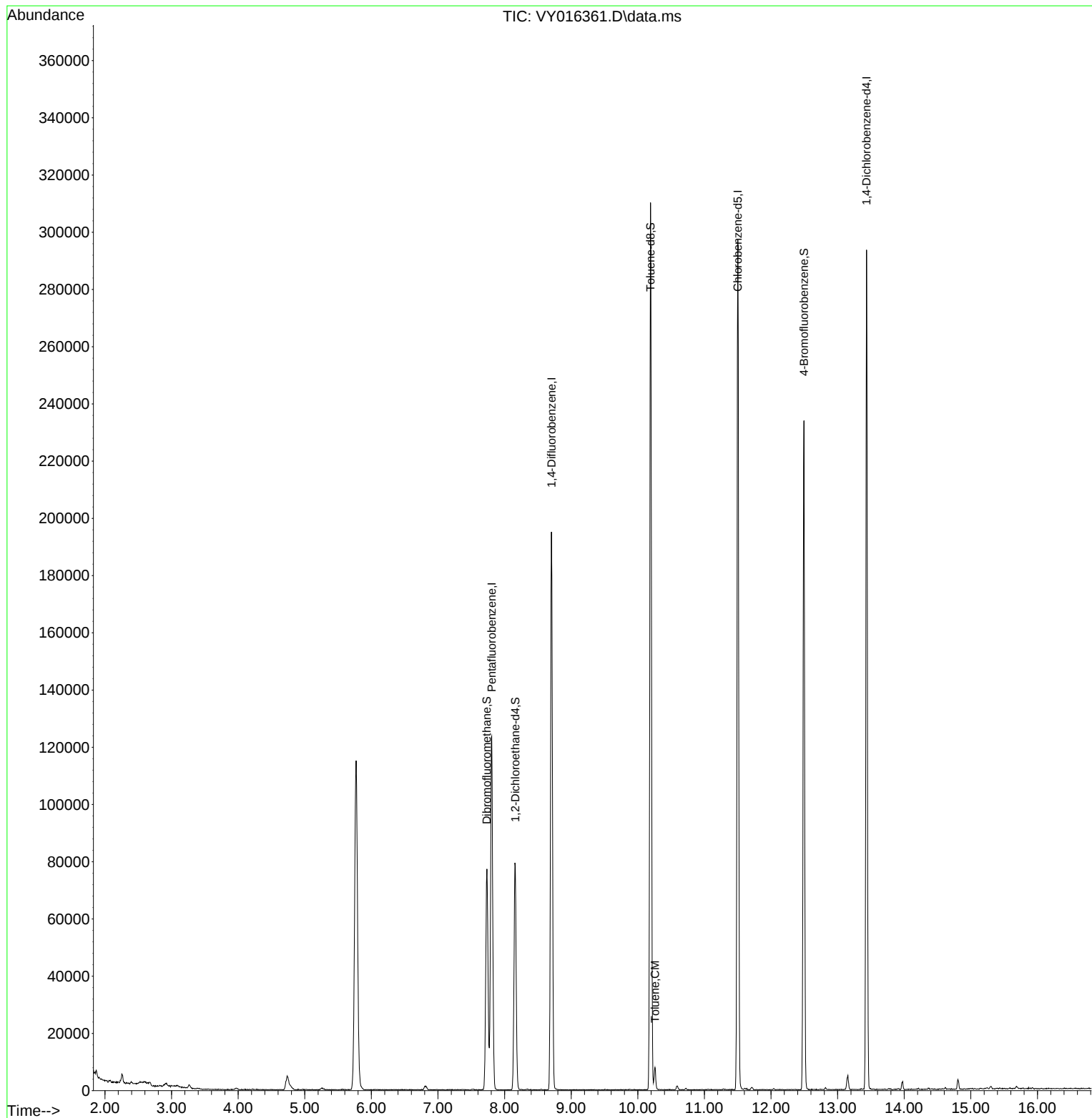
Internal Standards						
1) Pentafluorobenzene	7.807	168	97030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	167967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62970	71.007	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 142.020%		
35) Dibromofluoromethane	7.734	113	56102	56.788	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.580%		
50) Toluene-d8	10.191	98	204868	51.138	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.280%		
62) 4-Bromofluorobenzene	12.495	95	71306	54.802	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 109.600%		
Target Compounds						
52) Toluene	10.258	92	3367	1.105	ug/l	Qvalue 93

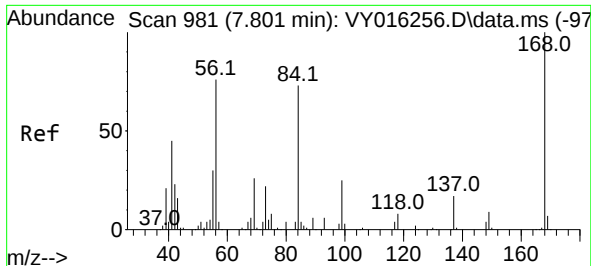
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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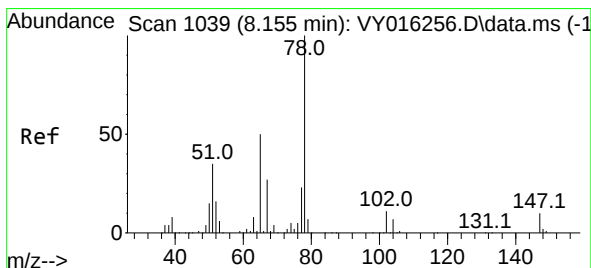
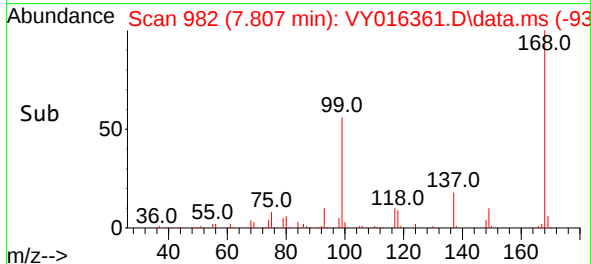
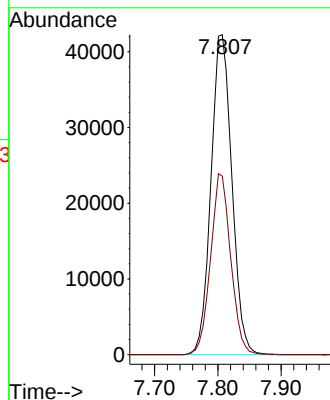
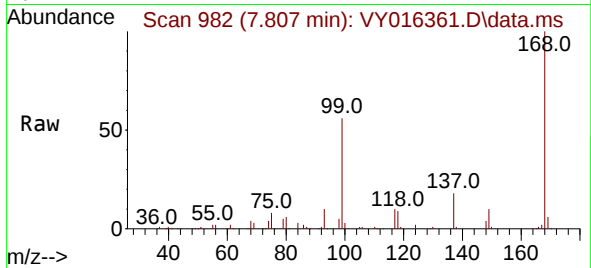




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

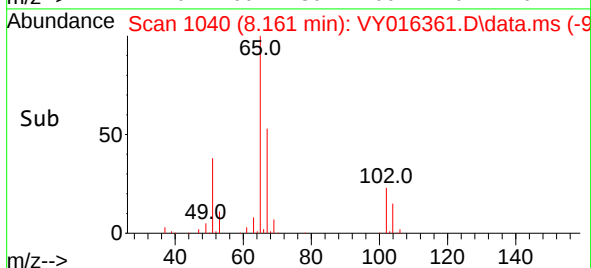
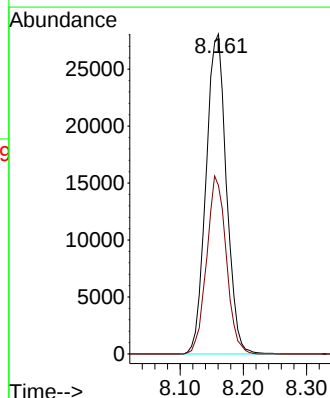
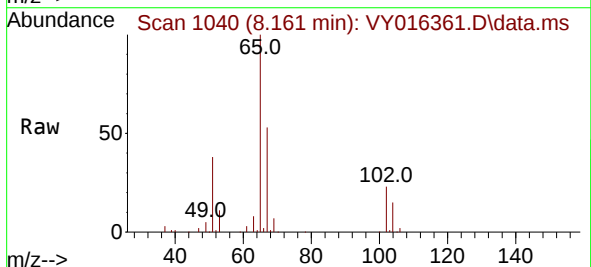
Instrument :
MSVOA_Y
ClientSampleId :
710-PLAINFIELD-AVE

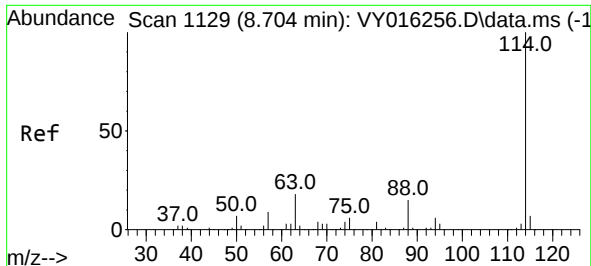
Tgt Ion:168 Resp: 97030
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 71.007 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

Tgt Ion: 65 Resp: 62970
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

710-PLAINFIELD-AVE

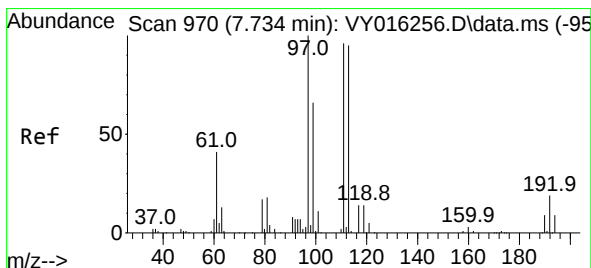
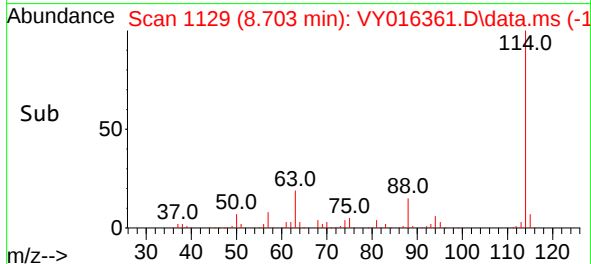
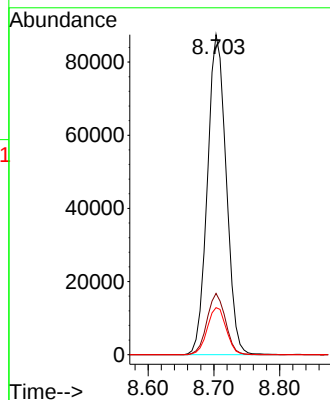
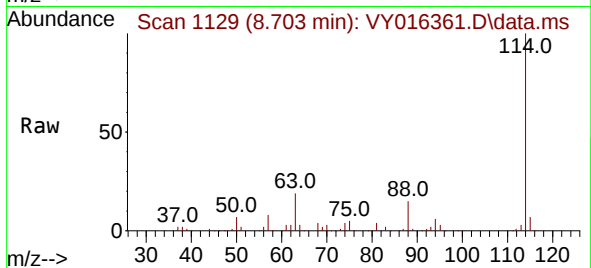
Tgt Ion:114 Resp: 173910

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.788 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

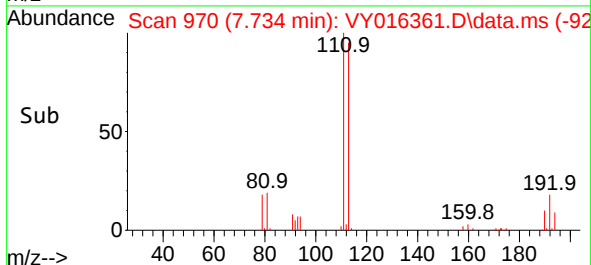
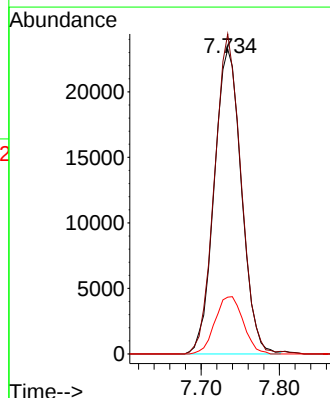
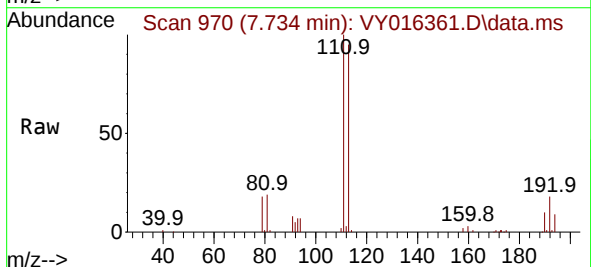
Tgt Ion:113 Resp: 56102

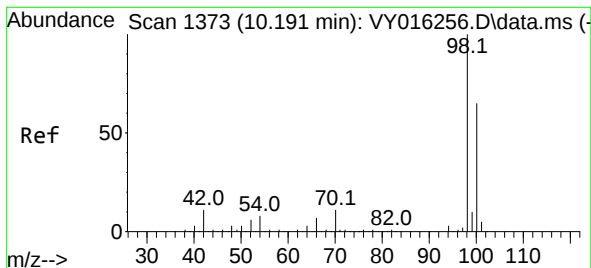
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 51.138 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016361.D

Acq: 15 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

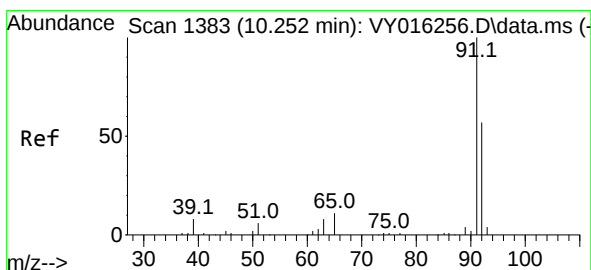
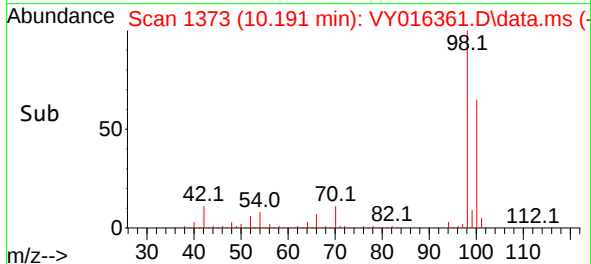
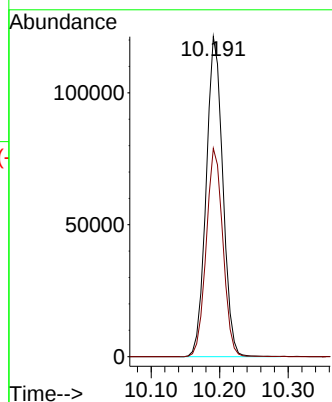
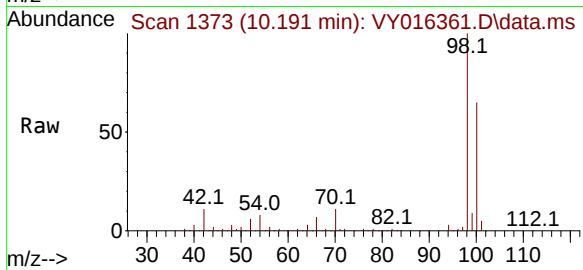
710-PLAINFIELD-AVE

Tgt Ion: 98 Resp: 204868

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#52

Toluene

Concen: 1.105 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016361.D

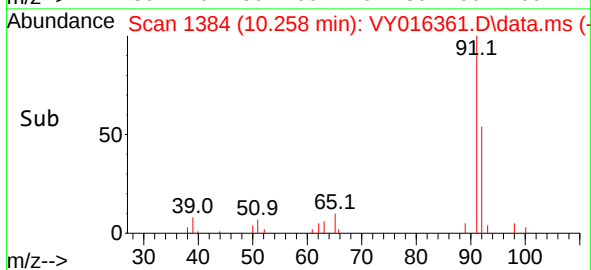
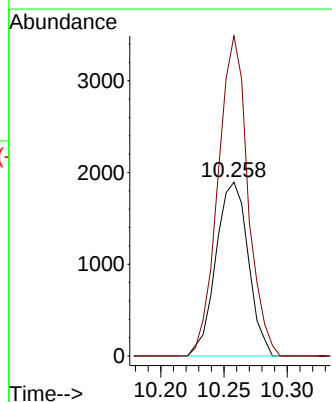
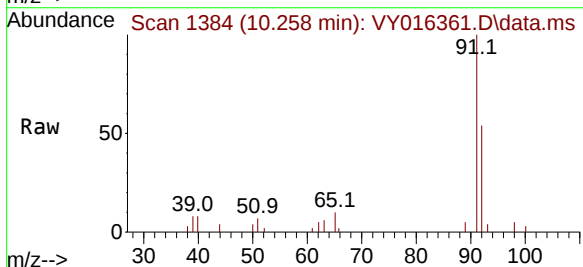
Acq: 15 Nov 2023 13:14

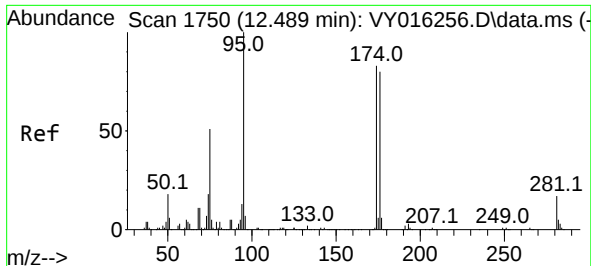
Tgt Ion: 92 Resp: 3367

Ion Ratio Lower Upper

92 100

91 170.4 143.8 215.6

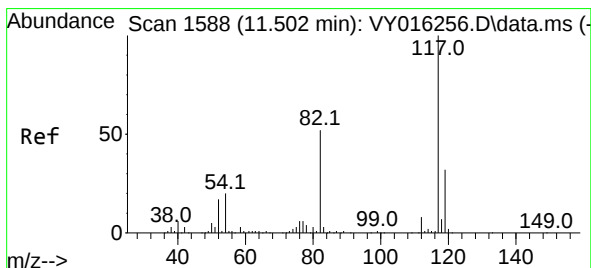
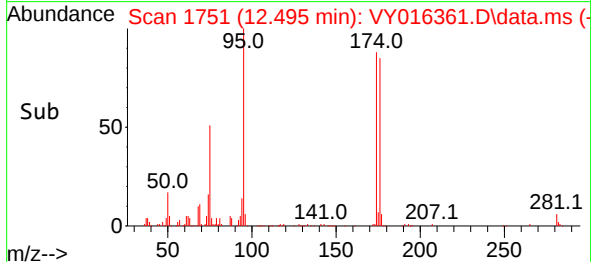
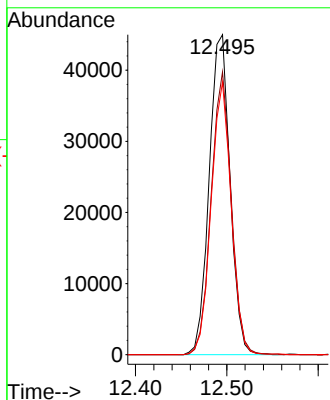
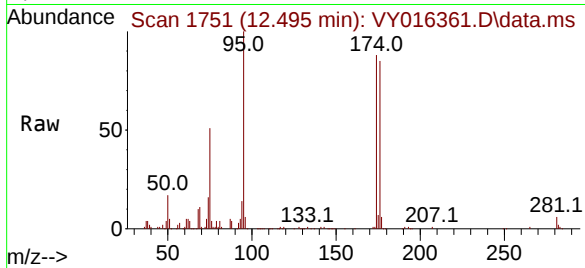




#62
4-Bromofluorobenzene
Concen: 54.802 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

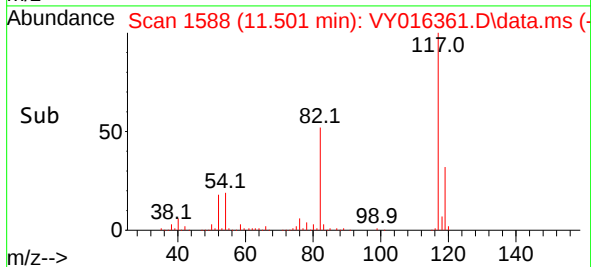
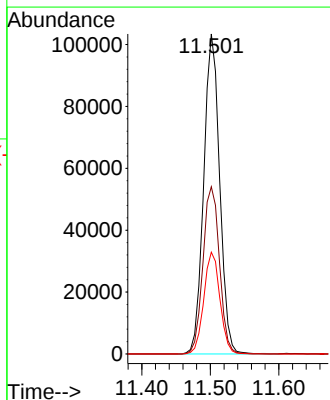
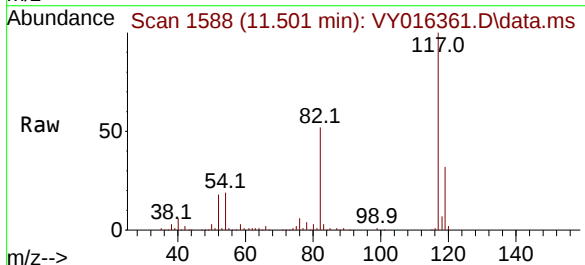
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710-PLAINFIELD-AVE

Tgt Ion: 95 Resp: 71306
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016361.D
Acq: 15 Nov 2023 13:14

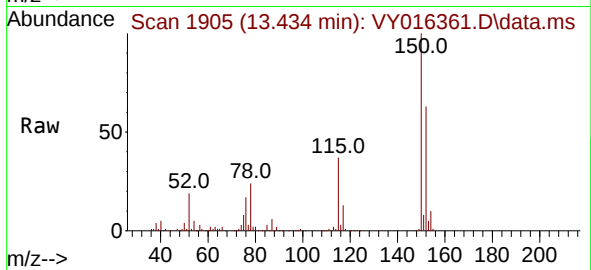
Tgt Ion: 117 Resp: 167967
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016361.D
 Acq: 15 Nov 2023 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-PLAINFIELD-AVE



Tgt Ion:	152	Resp:	76057
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.8	86.5
150	158.1	0.0	348.8

