

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017345.D
 Acq On : 09 Feb 2024 17:32
 Operator : SY/MD
 Sample : P1450-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-02092024

Quant Time: Feb 09 22:06:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

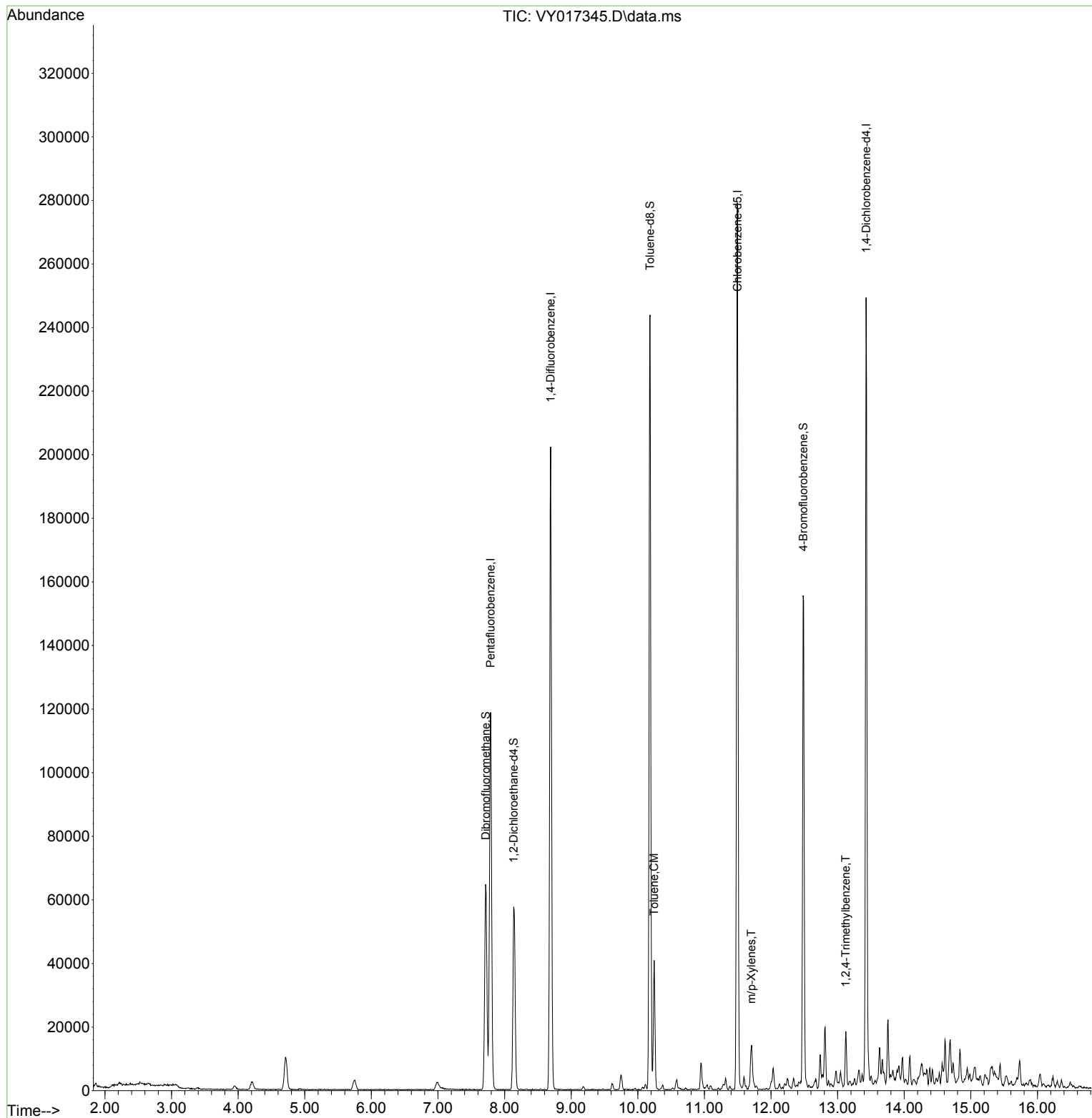
Internal Standards						
1) Pentafluorobenzene	7.789	168	90943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44562	54.850	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.716	113	46237	49.712	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.185	98	162098	47.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.740%	
62) 4-Bromofluorobenzene	12.483	95	47363	42.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.380%	
Target Compounds						
						Qvalue
52) Toluene	10.246	92	16127	5.832	ug/l	99
68) m/p-Xylenes	11.703	106	3585	1.796	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	9361	2.659	ug/l	95

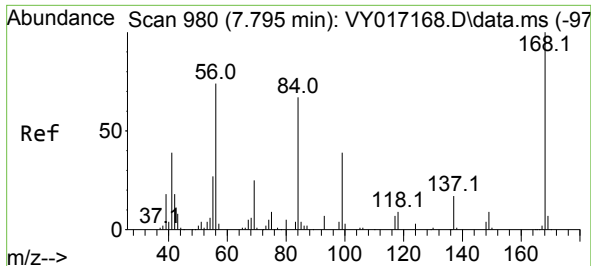
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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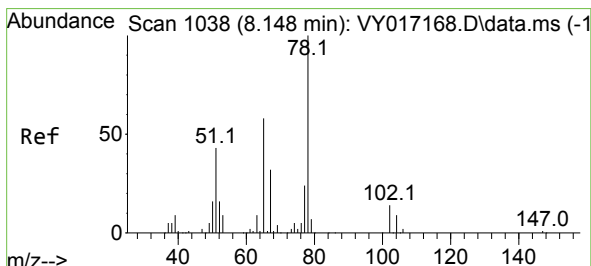
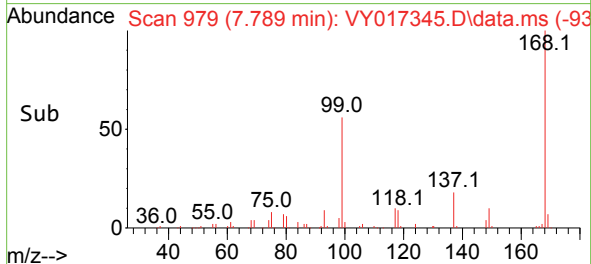
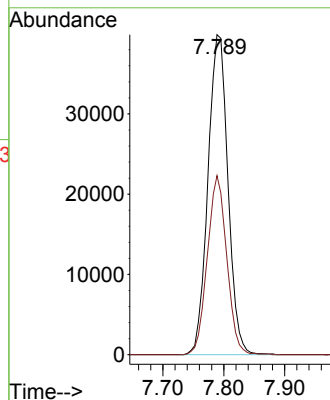
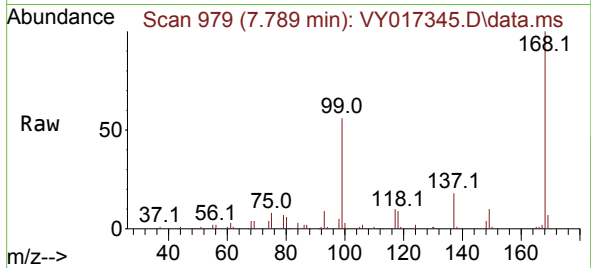




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

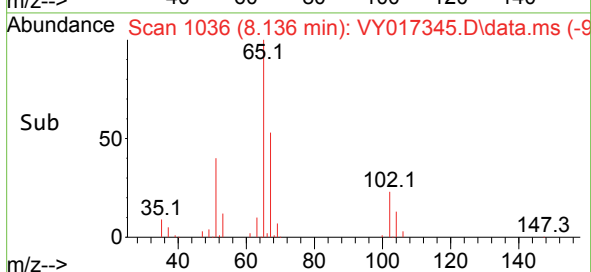
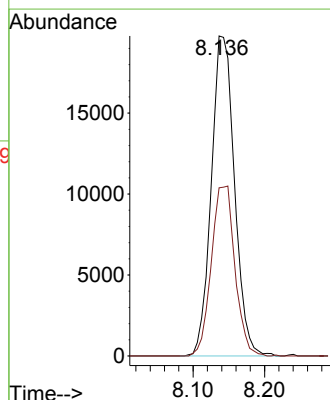
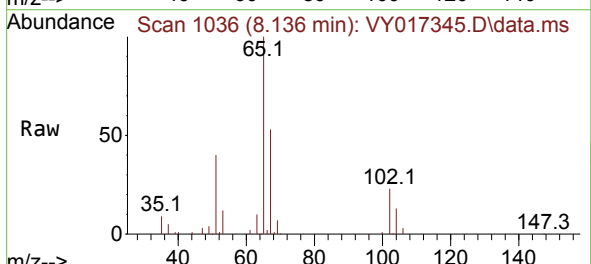
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-02092024

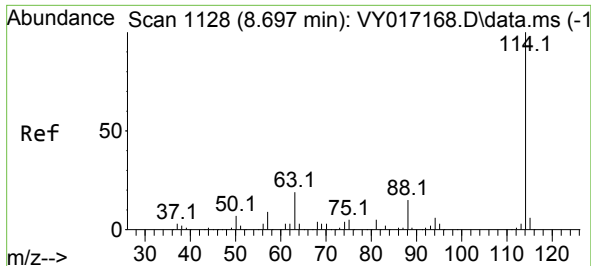
Tgt Ion:168 Resp: 90943
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.850 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

Tgt Ion: 65 Resp: 44562
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0

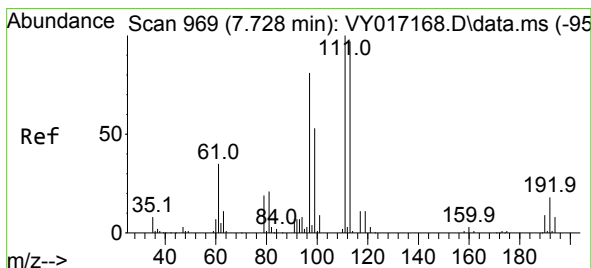
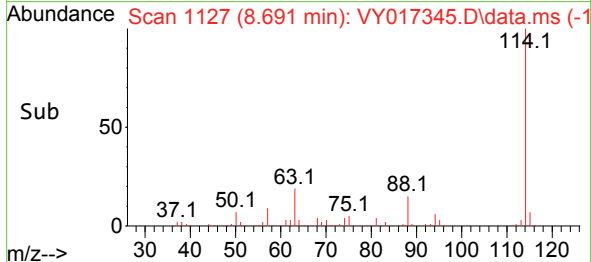
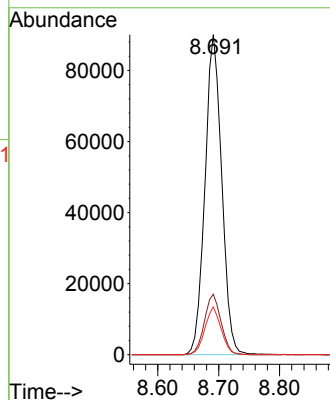
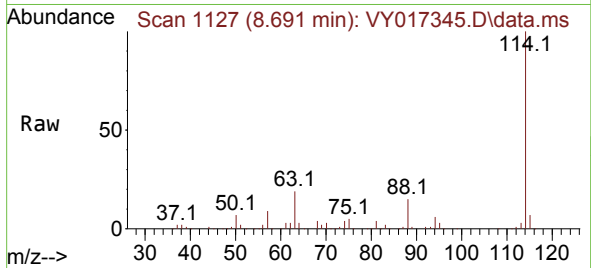




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

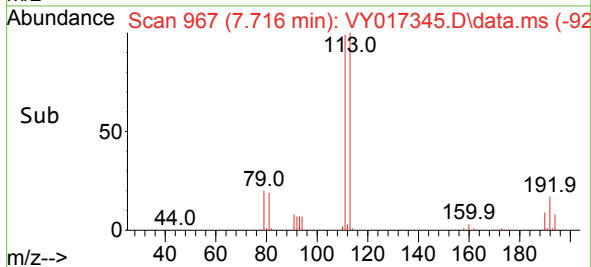
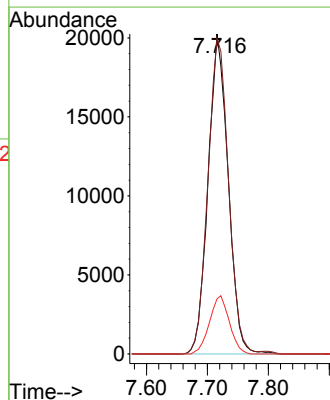
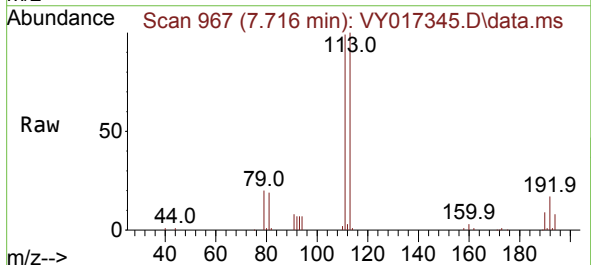
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-02092024

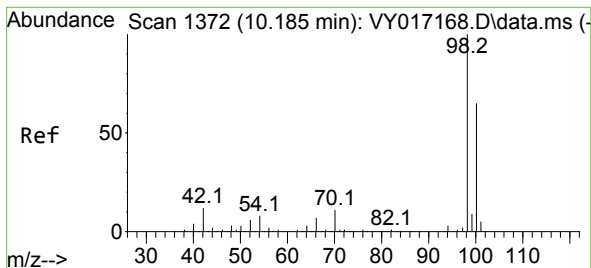
Tgt Ion:114 Resp: 172262
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.712 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

Tgt Ion:113 Resp: 46237
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 47.867 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017345.D

Acq: 09 Feb 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

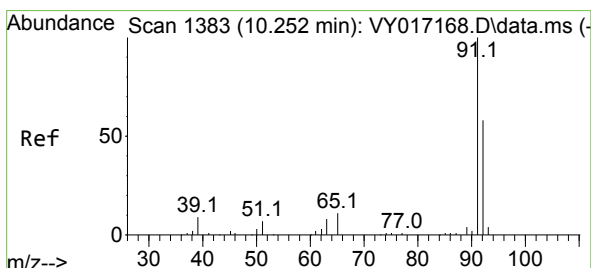
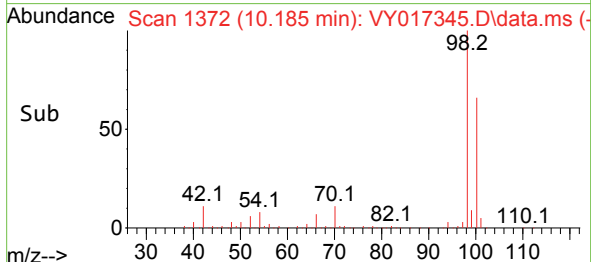
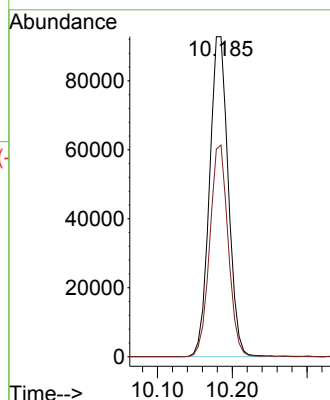
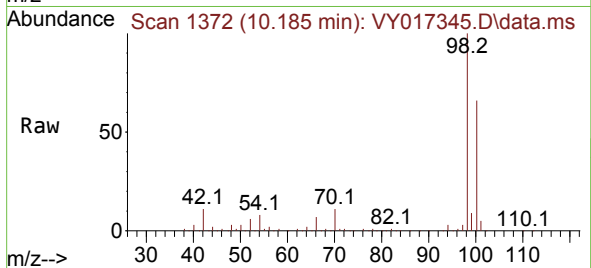
OR-02-02092024

Tgt Ion: 98 Resp: 162098

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#52

Toluene

Concen: 5.832 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY017345.D

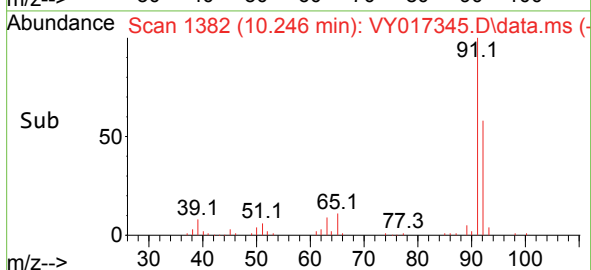
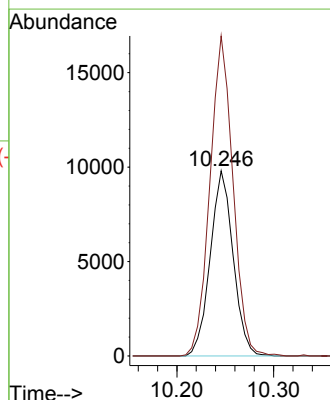
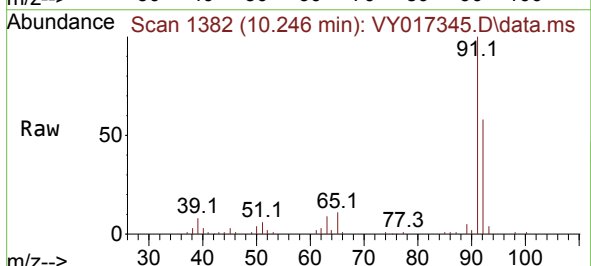
Acq: 09 Feb 2024 17:32

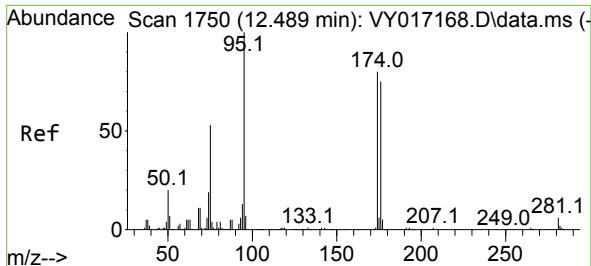
Tgt Ion: 92 Resp: 16127

Ion Ratio Lower Upper

92 100

91 173.8 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 42.695 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017345.D

Acq: 09 Feb 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-02092024

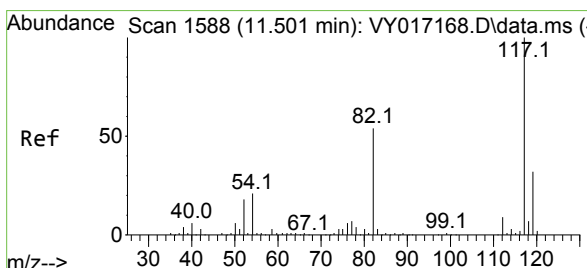
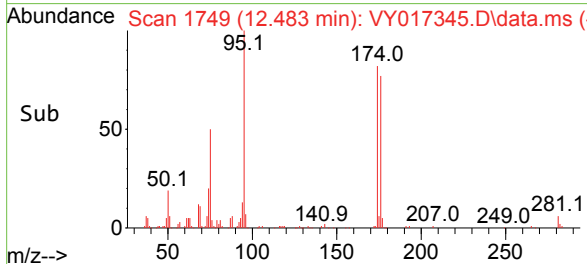
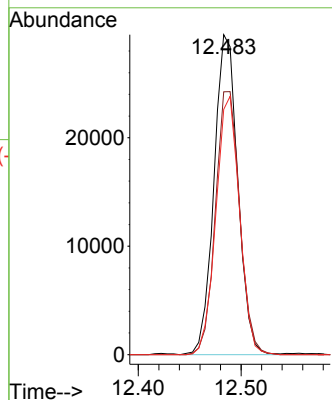
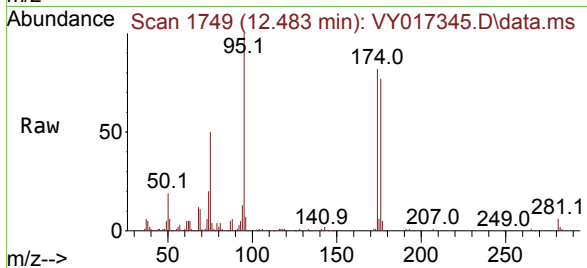
Tgt Ion: 95 Resp: 47363

Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.0

176 80.1 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017345.D

Acq: 09 Feb 2024 17:32

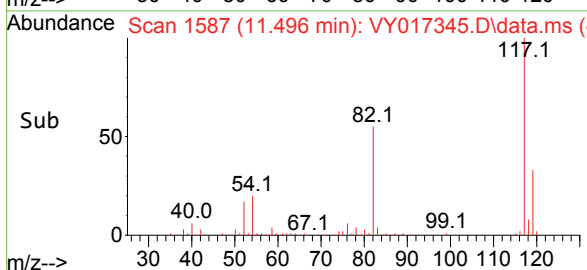
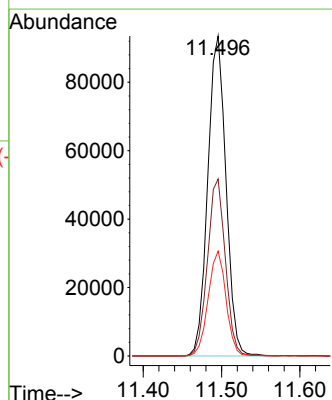
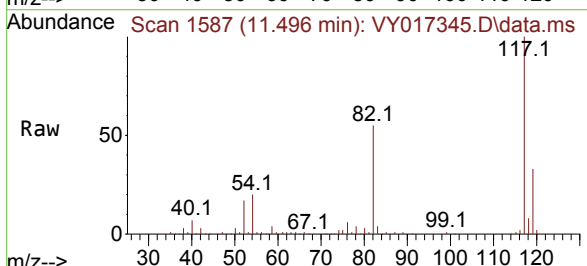
Tgt Ion: 117 Resp: 150843

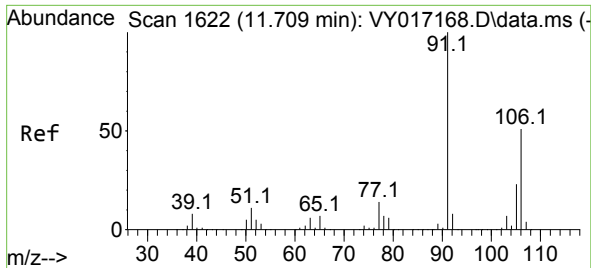
Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 32.8 26.5 39.7

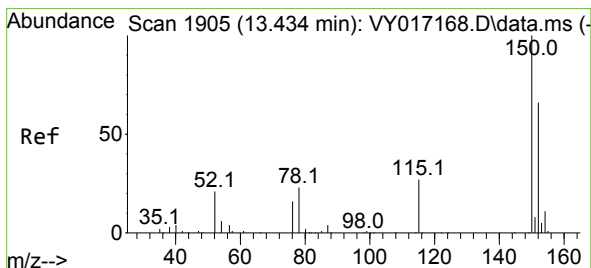
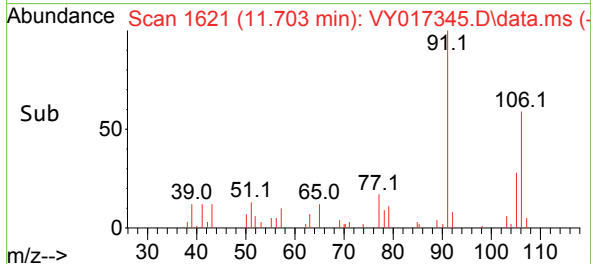
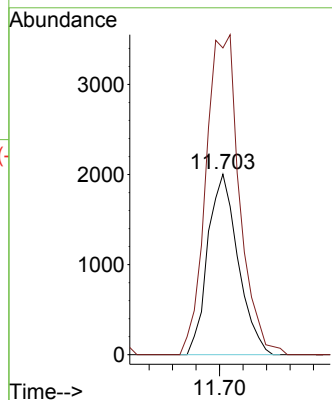
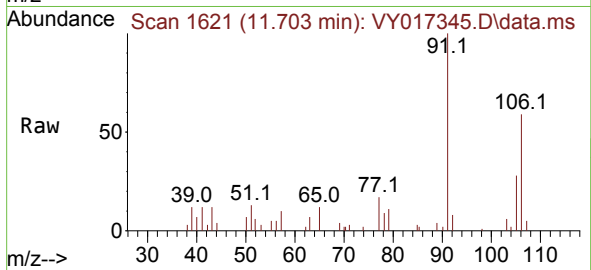




#68
m/p-Xylenes
Concen: 1.796 ug/l
RT: 11.703 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

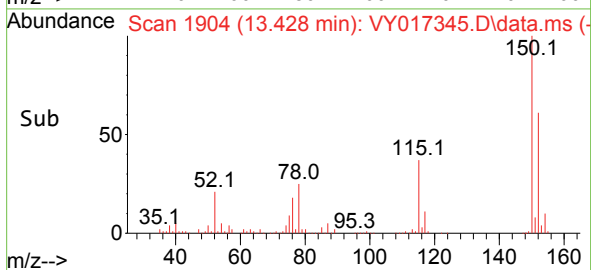
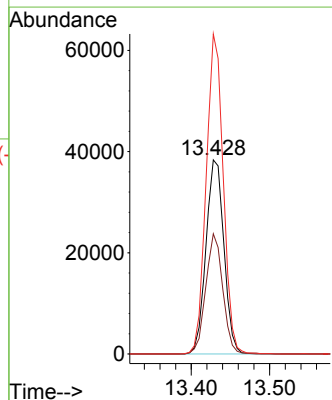
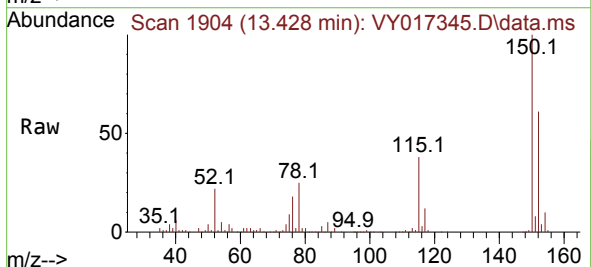
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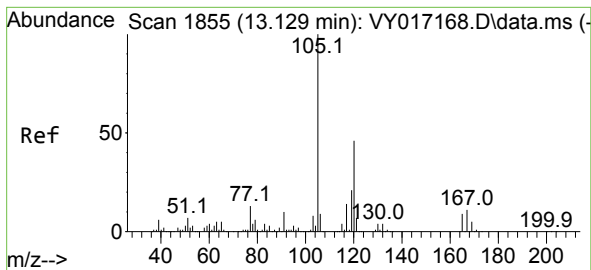
Tgt Ion:106 Resp: 3585
Ion Ratio Lower Upper
106 100
91 197.0 160.7 241.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017345.D
Acq: 09 Feb 2024 17:32

Tgt Ion:152 Resp: 61038
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.0
150 156.2 0.0 344.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.659 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY017345.D
 Acq: 09 Feb 2024 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-02092024

Tgt Ion:105 Resp: 9361
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.1 66.3

