

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017263.D
 Acq On : 06 Feb 2024 14:38
 Operator : SY/MD
 Sample : P1141-11RE
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-0-2DRE

Quant Time: Feb 07 00:08:29 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)

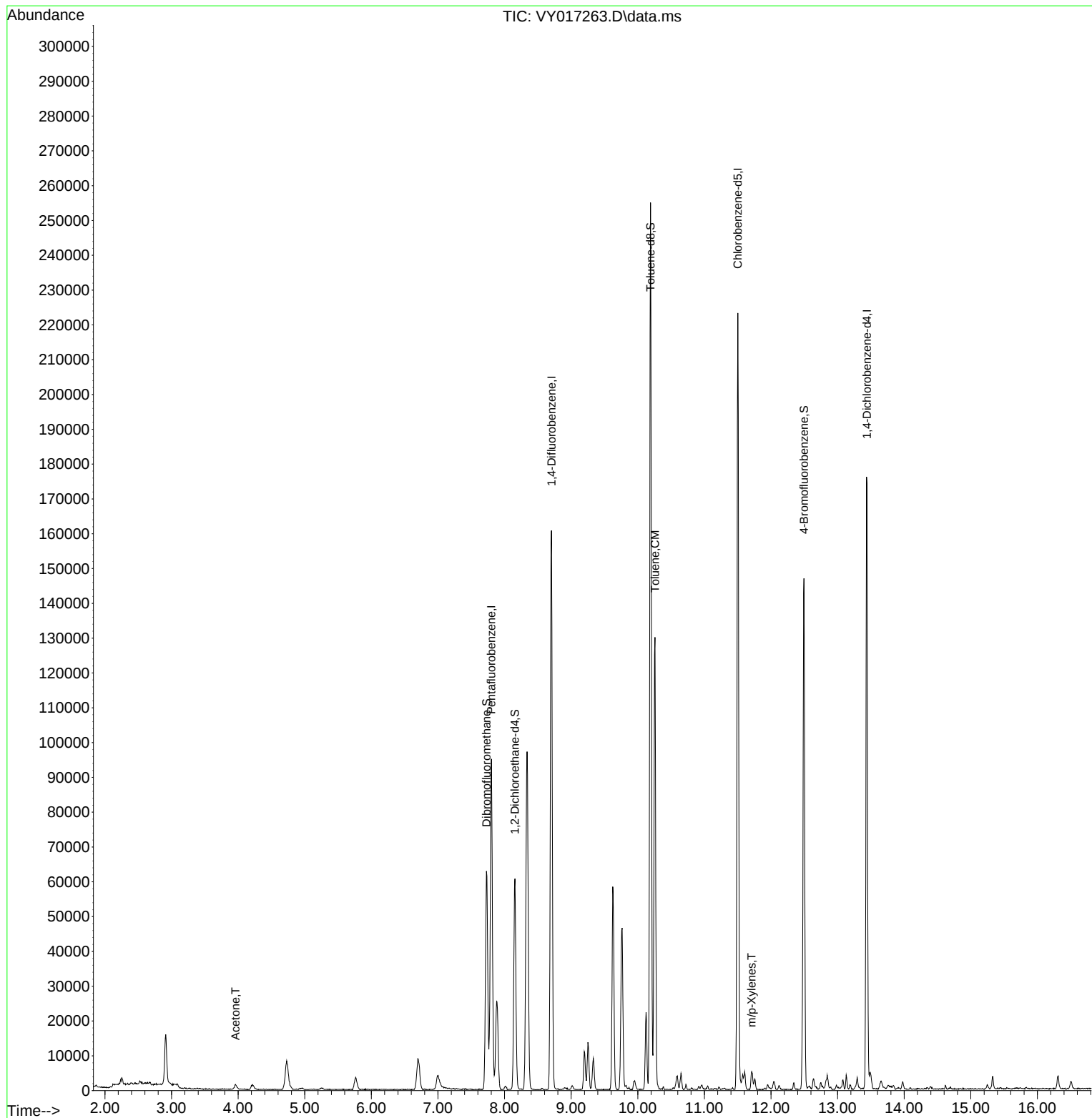
Internal Standards						
1) Pentafluorobenzene	7.801	168	69337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	138198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	118823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	43123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44987	72.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.260%
35) Dibromofluoromethane	7.728	113	45395	60.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.680%
50) Toluene-d8	10.191	98	164494	60.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.100%
62) 4-Bromofluorobenzene	12.496	95	46924	52.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.460%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	2708	14.875	ug/l #	86
52) Toluene	10.258	92	54564	24.594	ug/l	99
68) m/p-Xylenes	11.709	106	1620	1.030	ug/l	87

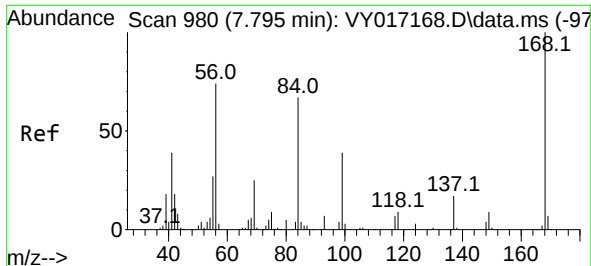
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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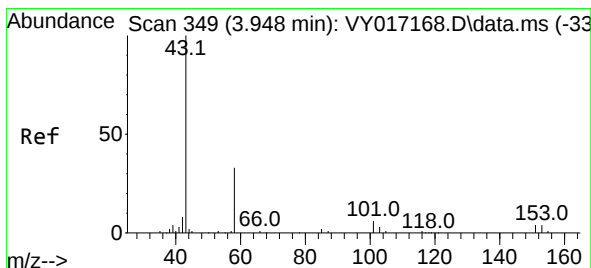
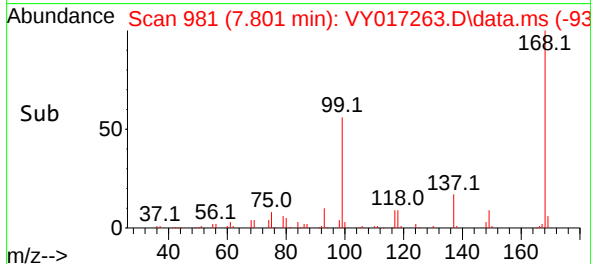
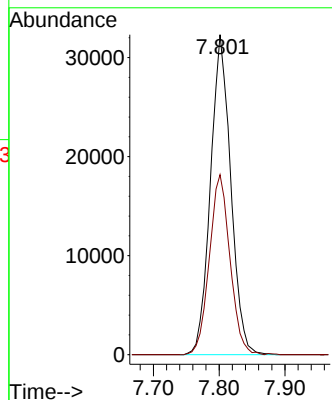
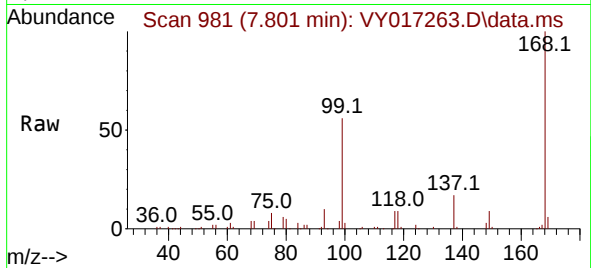




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

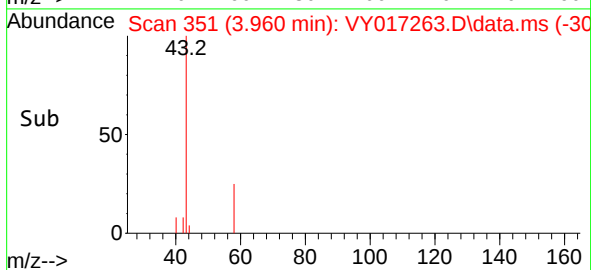
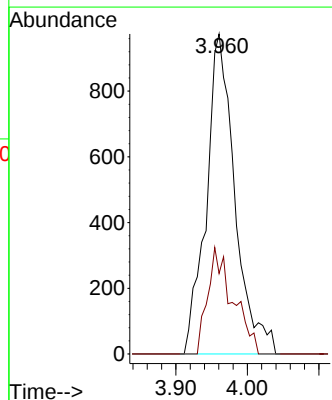
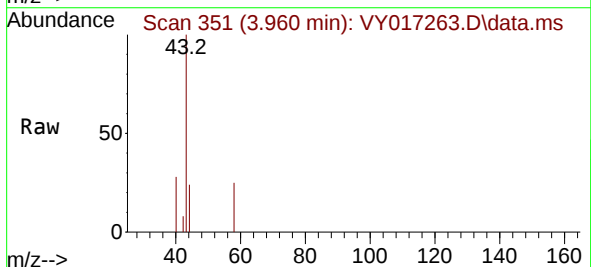
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2DRE

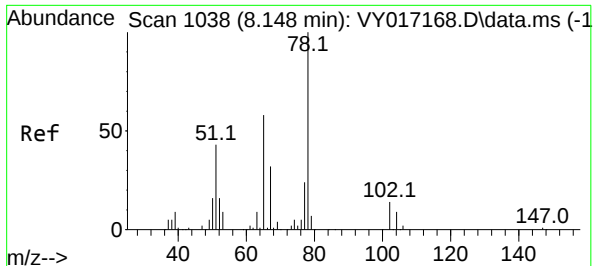
Tgt Ion:168 Resp: 69337
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 14.875 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
58 25.2 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 72.628 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY017263.D

Acq: 06 Feb 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

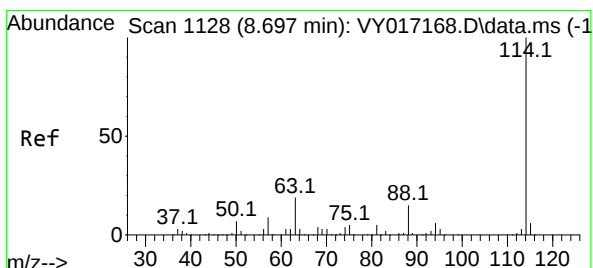
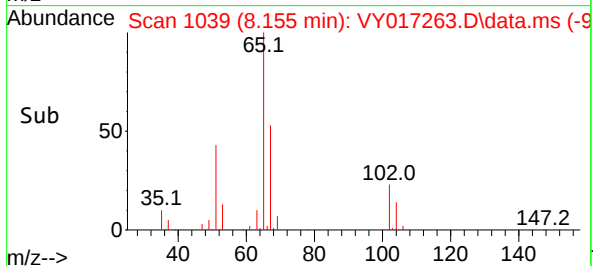
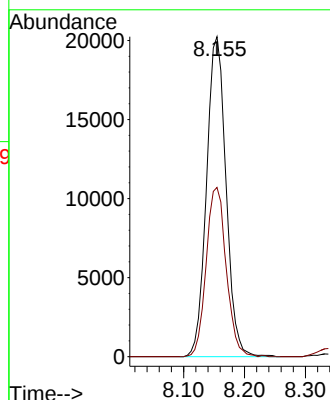
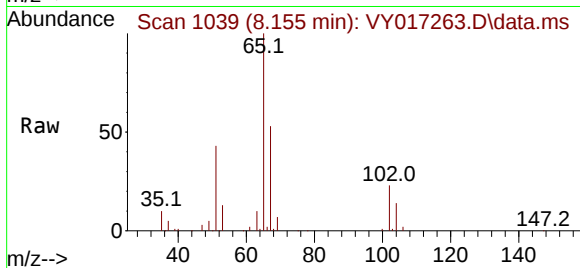
EB-2-0-2DRE

Tgt Ion: 65 Resp: 44987

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017263.D

Acq: 06 Feb 2024 14:38

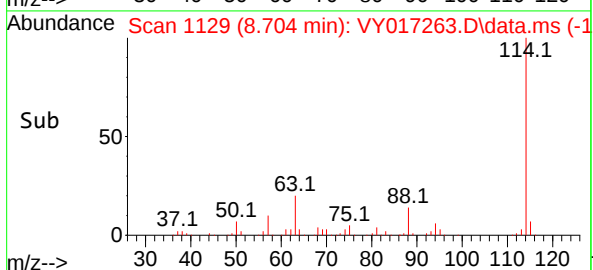
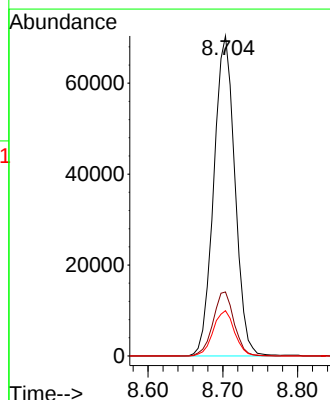
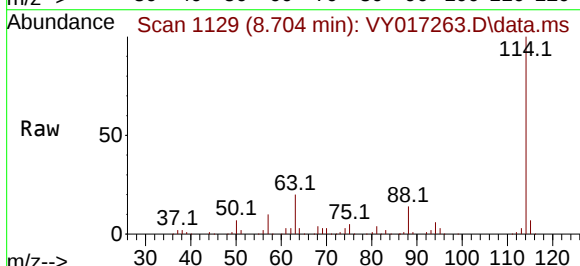
Tgt Ion: 114 Resp: 138198

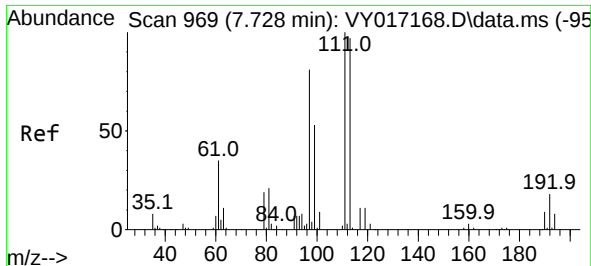
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.1 0.0 29.0

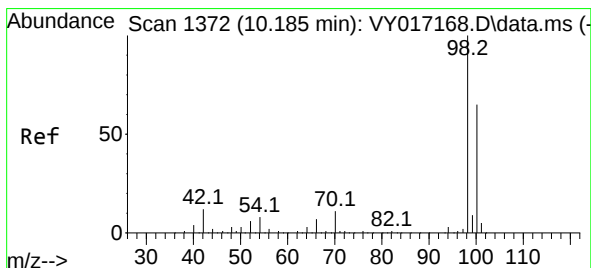
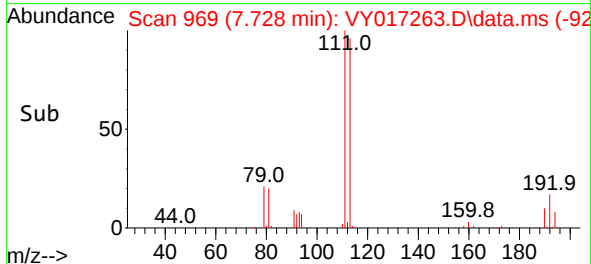
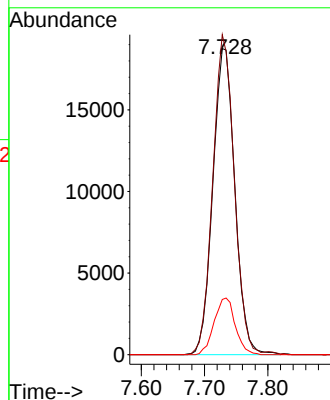
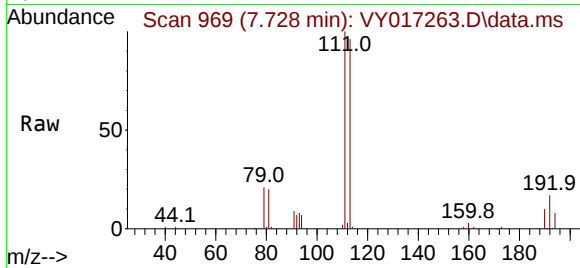




#35
Dibromofluoromethane
Concen: 60.836 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

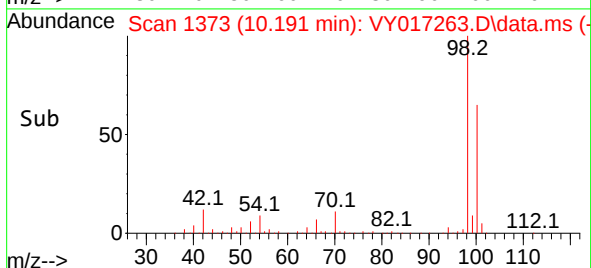
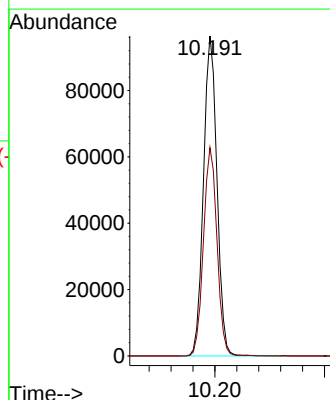
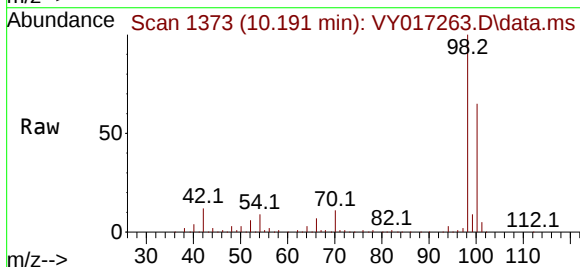
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2DRE

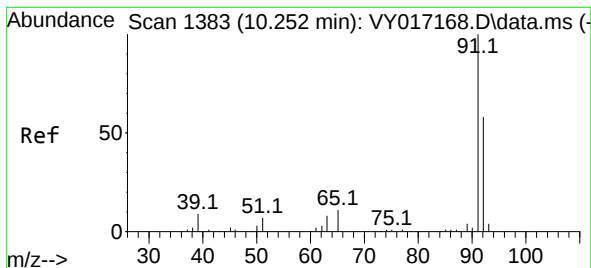
Tgt Ion:	113	Resp:	45395
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	17.7	14.5	21.7



#50
Toluene-d8
Concen: 60.547 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

Tgt Ion:	98	Resp:	164494
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5





#52

Toluene

Concen: 24.594 ug/l

RT: 10.258 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017263.D

Acq: 06 Feb 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

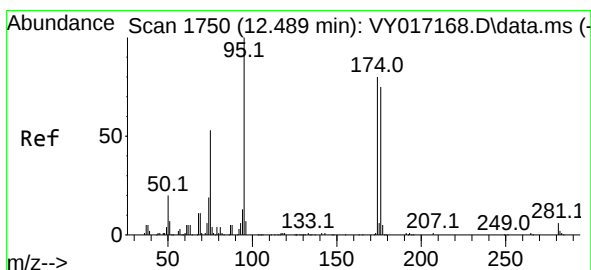
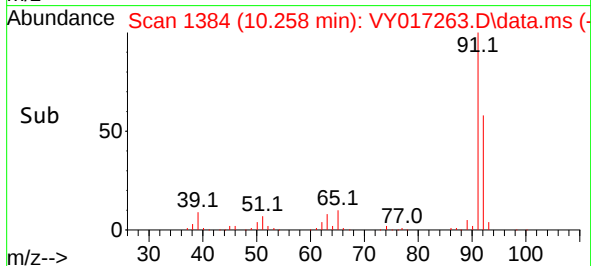
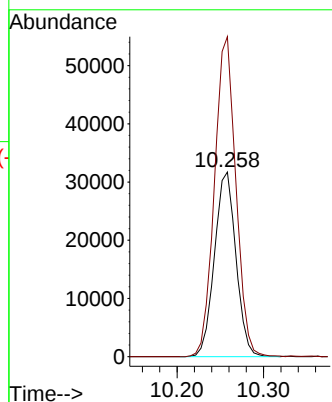
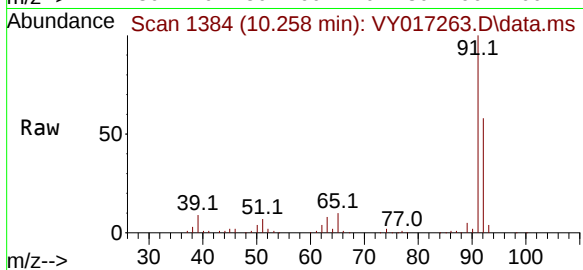
EB-2-0-2DRE

Tgt Ion: 92 Resp: 54564

Ion Ratio Lower Upper

92 100

91 172.8 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 52.725 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017263.D

Acq: 06 Feb 2024 14:38

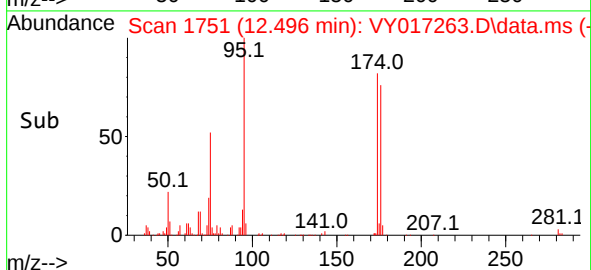
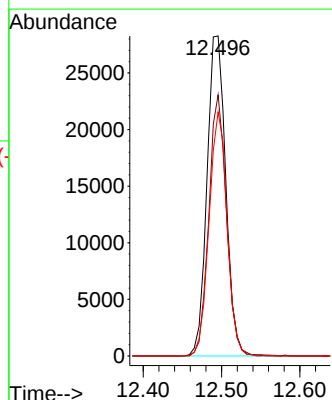
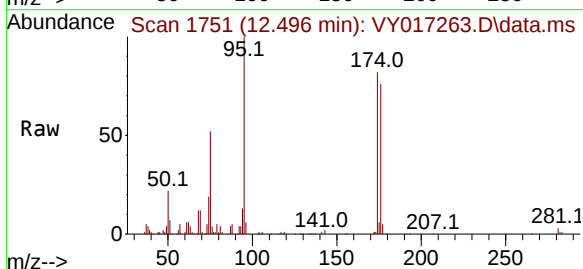
Tgt Ion: 95 Resp: 46924

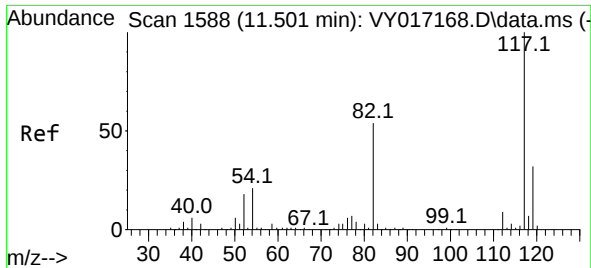
Ion Ratio Lower Upper

95 100

174 76.7 0.0 160.0

176 73.0 0.0 151.8

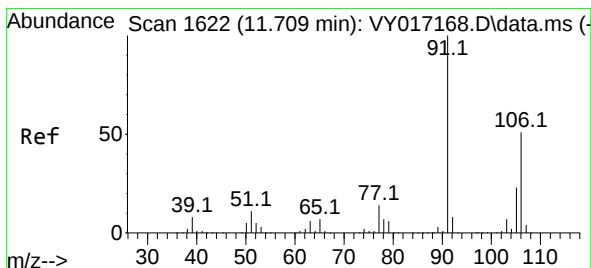
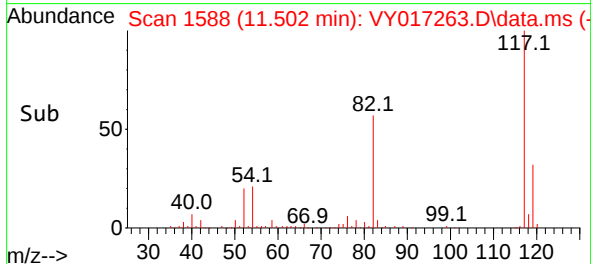
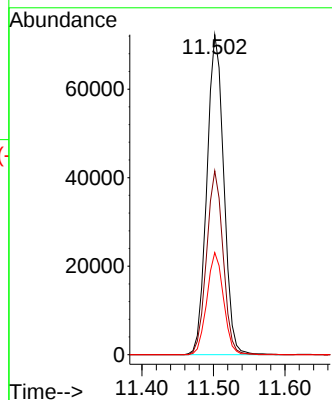
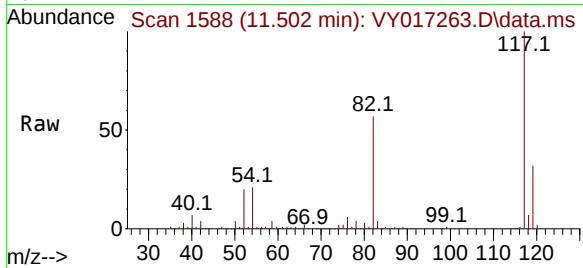




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

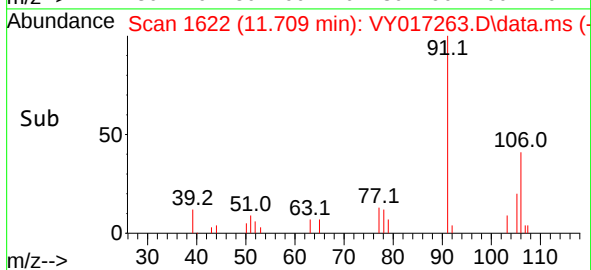
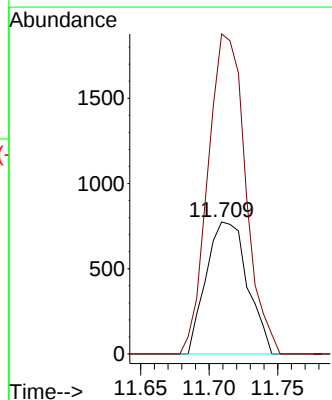
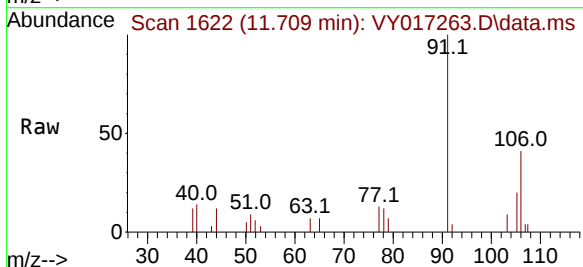
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MSVOA_Y
ClientSampleId :
EB-2-0-2DRE

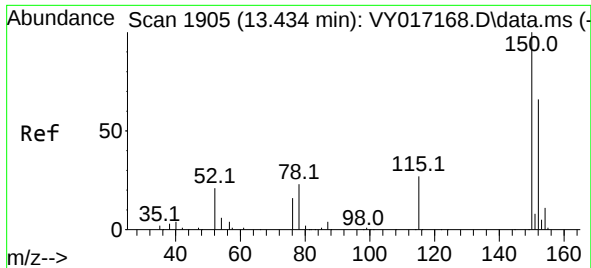
Tgt Ion:117 Resp: 118823
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 1.030 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017263.D
Acq: 06 Feb 2024 14:38

Tgt Ion:106 Resp: 1620
Ion Ratio Lower Upper
106 100
91 221.1 160.7 241.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017263.D

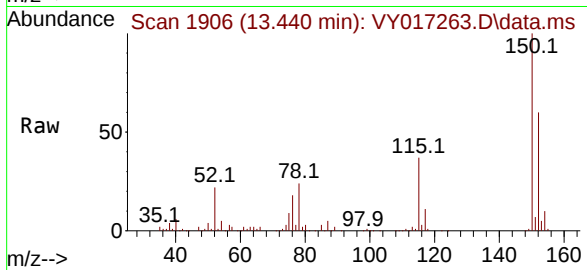
Acq: 06 Feb 2024 14:38

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2DRE



Tgt Ion:152 Resp: 43123

Ion Ratio Lower Upper

152 100

115 61.4 30.0 90.0

150 163.2 0.0 344.6

