

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017205.D
 Acq On : 03 Feb 2024 00:57
 Operator : SY/MD
 Sample : P1316-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 03 01:44:26 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	7.813	168	78115	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	165247	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	168395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	39186	56.154	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.740	113	40538	45.435	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.197	98	147578	45.429	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.502	95	47396	44.538	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.080%

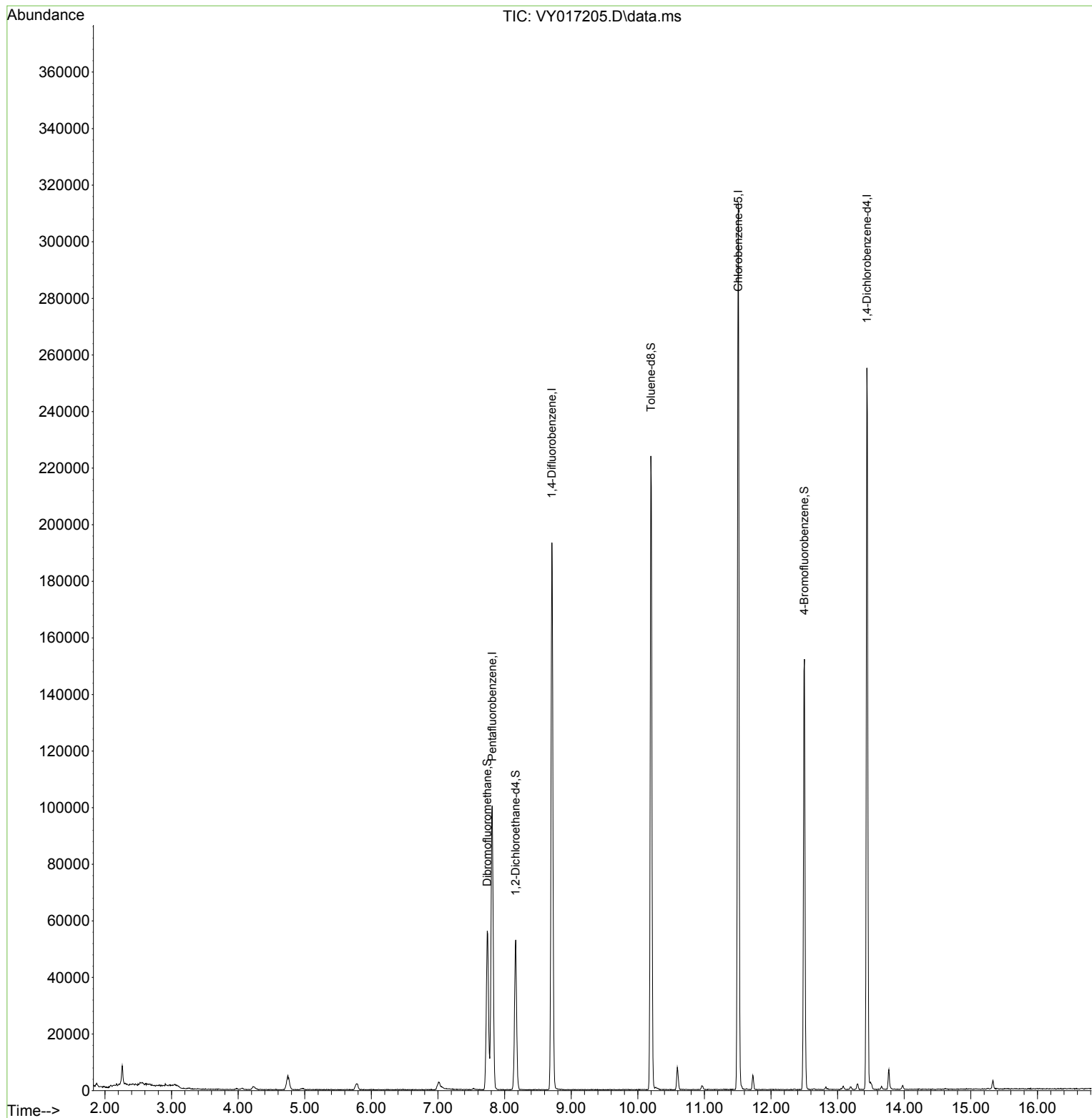
Target Compounds	Qvalue

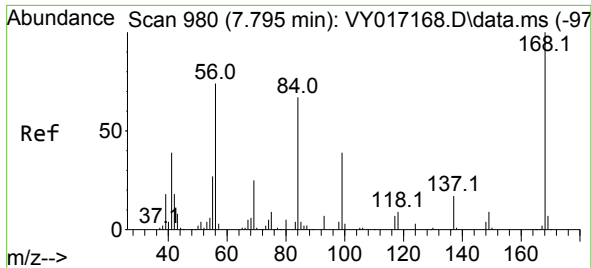
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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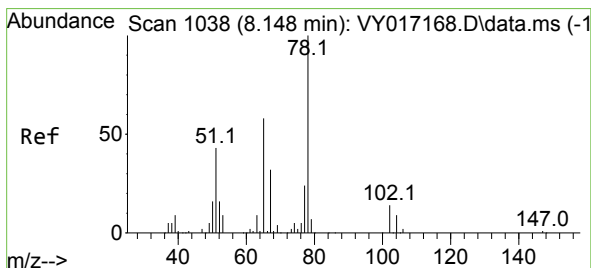
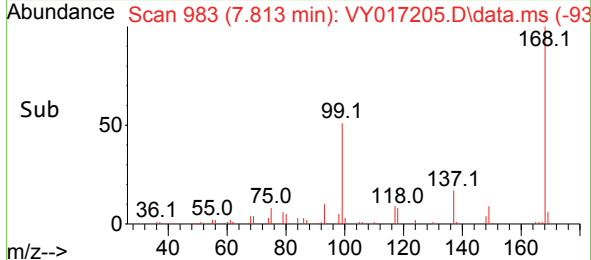
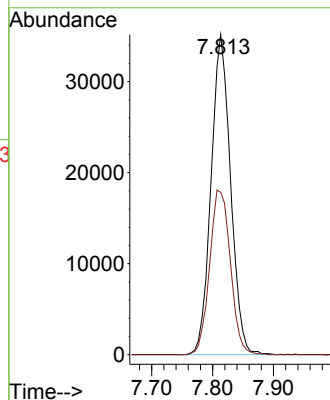
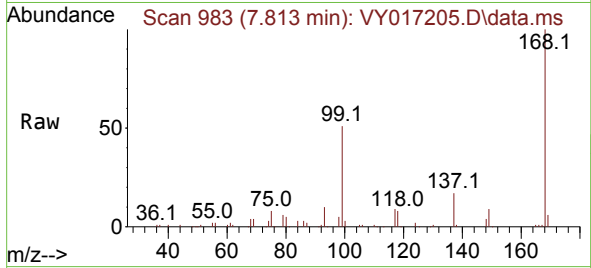




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017205.D
Acq: 03 Feb 2024 00:57

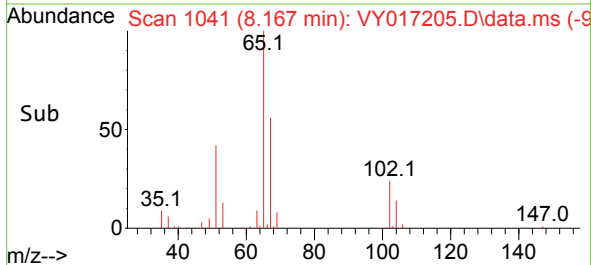
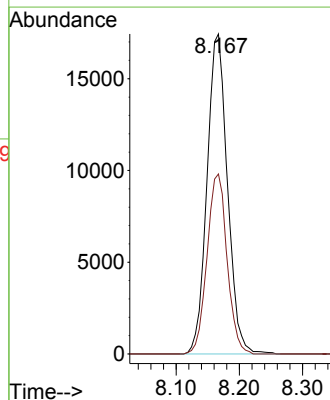
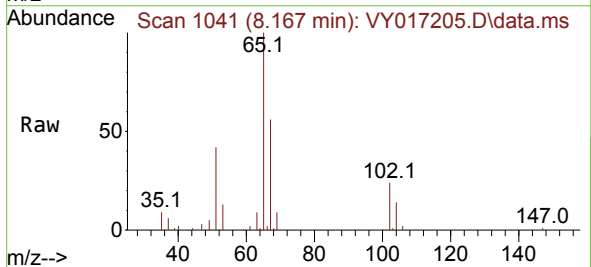
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

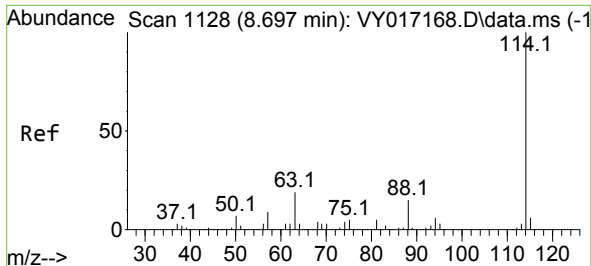
Tgt Ion:168 Resp: 78115
Ion Ratio Lower Upper
168 100
99 50.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.154 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017205.D
Acq: 03 Feb 2024 00:57

Tgt Ion: 65 Resp: 39186
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.013 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

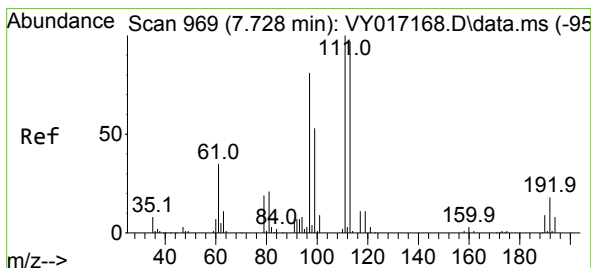
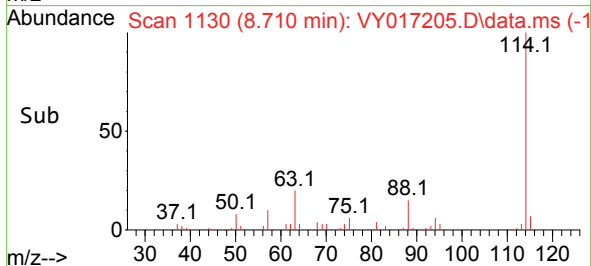
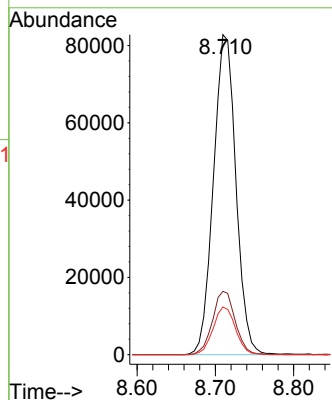
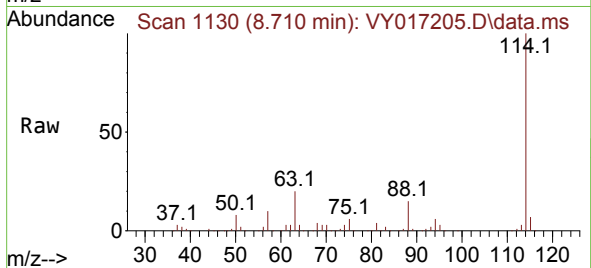
Tgt Ion:114 Resp: 165247

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.435 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.013 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

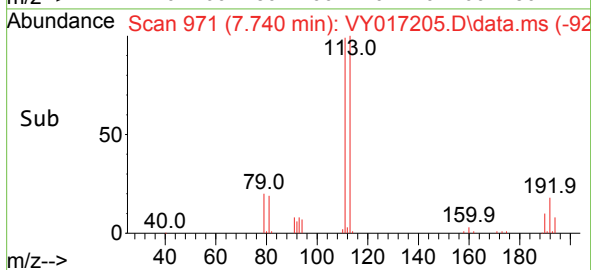
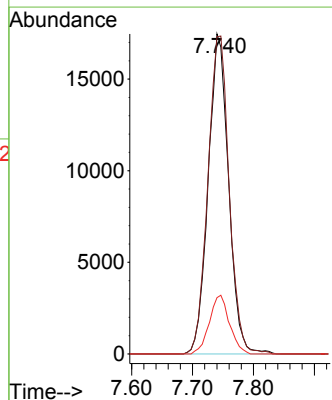
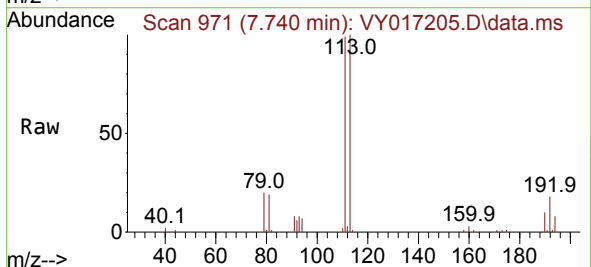
Tgt Ion:113 Resp: 40538

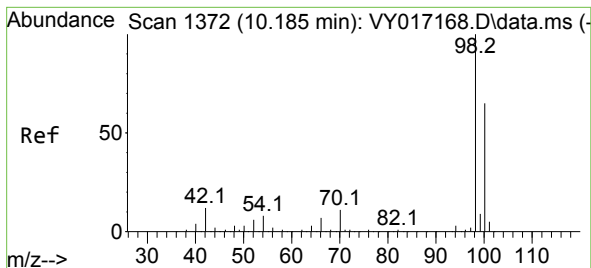
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.2 14.5 21.7





#50

Toluene-d8

Concen: 45.429 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

Instrument :

MSVOA_Y

ClientSampleId :

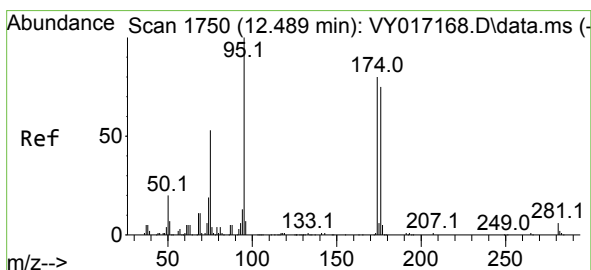
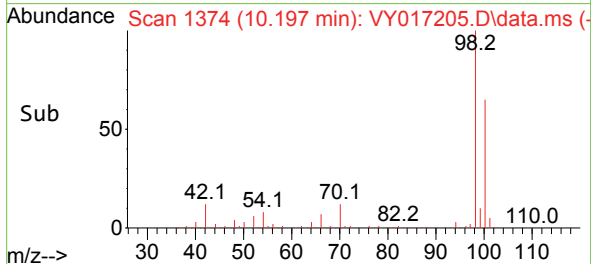
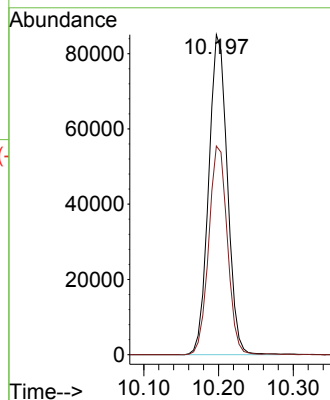
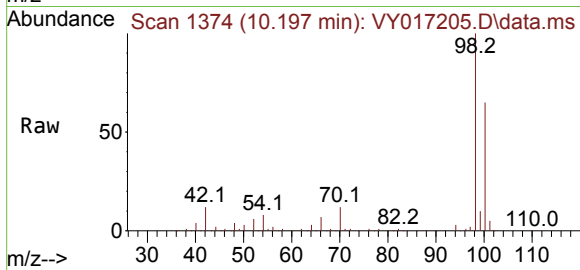
COMP-1

Tgt Ion: 98 Resp: 147578

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.538 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

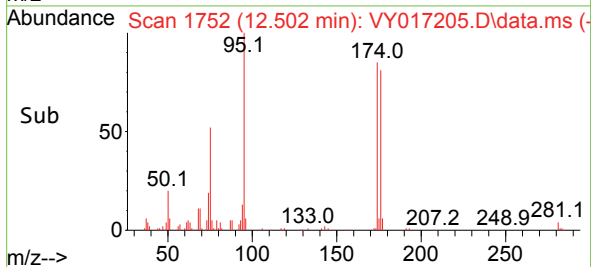
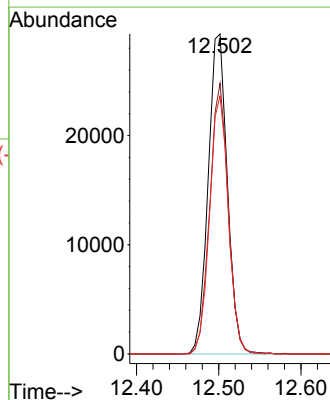
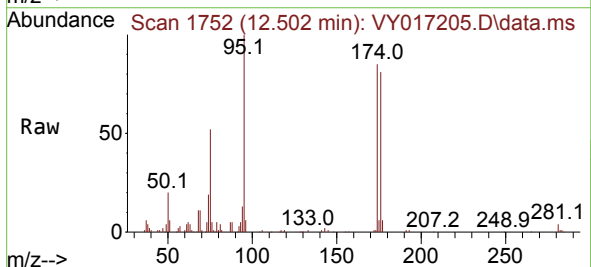
Tgt Ion: 95 Resp: 47396

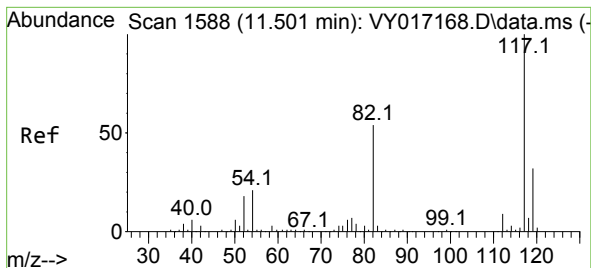
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 78.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

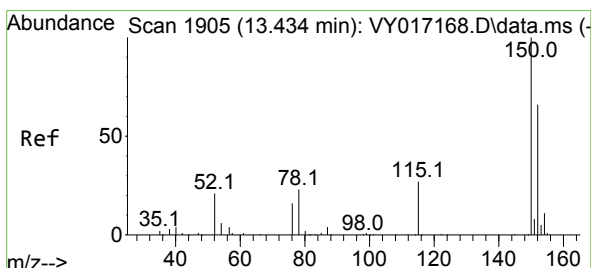
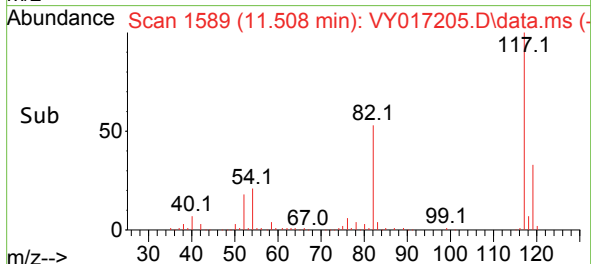
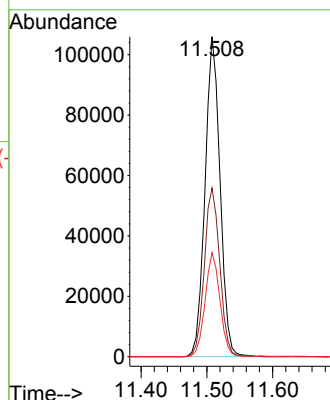
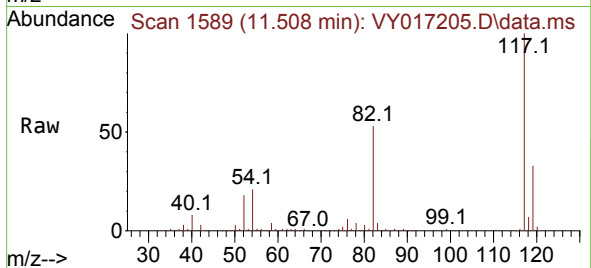
Tgt Ion:117 Resp: 168395

Ion Ratio Lower Upper

117 100

82 52.7 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.007 min

Lab File: VY017205.D

Acq: 03 Feb 2024 00:57

Tgt Ion:152 Resp: 64254

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 157.7 0.0 344.6

