

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017202.D
 Acq On : 02 Feb 2024 23:46
 Operator : SY/MD
 Sample : P1313-02
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 03 01:43:24 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	7.807	168	82132	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	174637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	172081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39742	54.165	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.734	113	41727	44.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.500%	
50) Toluene-d8	10.197	98	153711	44.773	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.540%	
62) 4-Bromofluorobenzene	12.495	95	49204	43.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.500%	

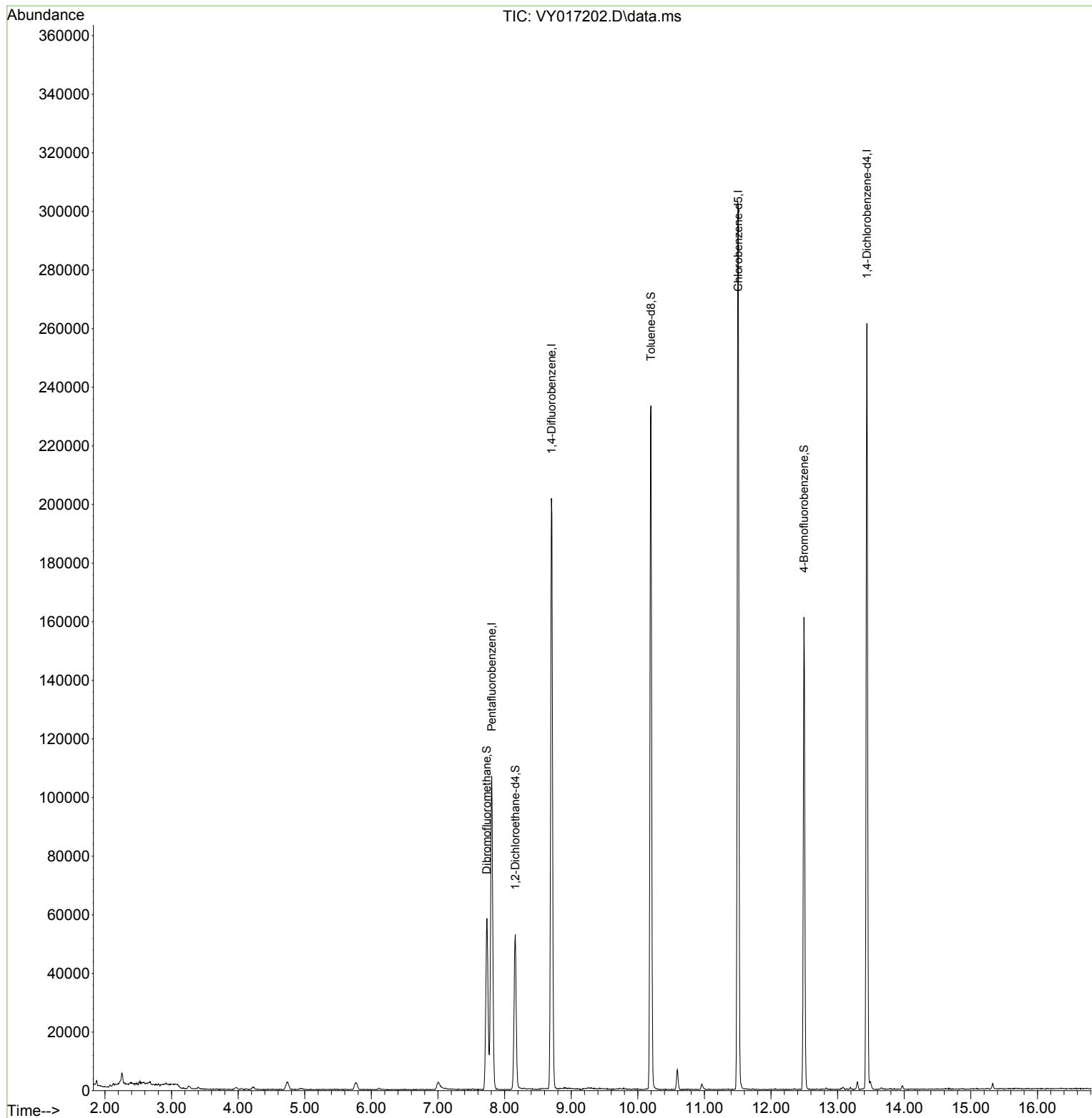
Target Compounds	Qvalue

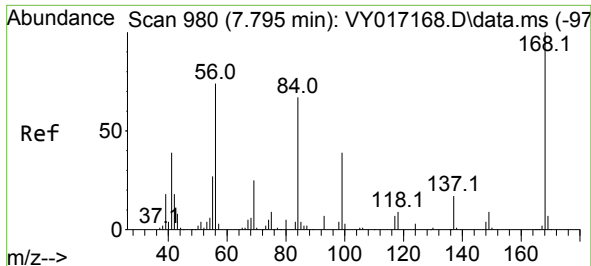
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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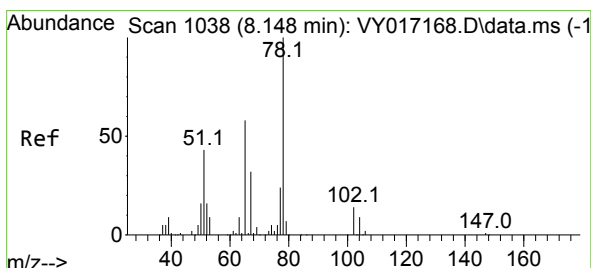
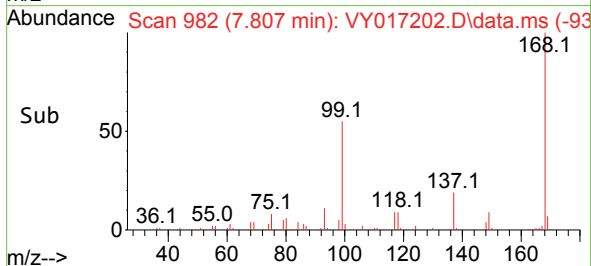
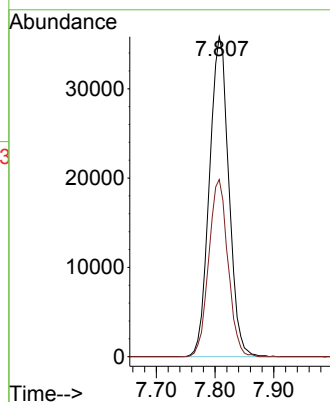
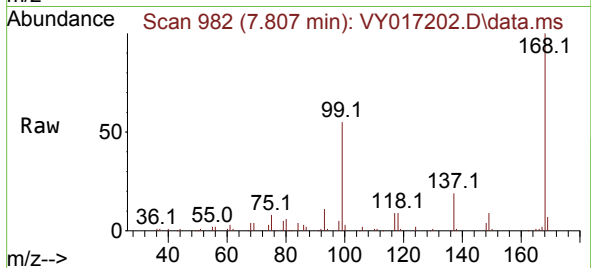




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

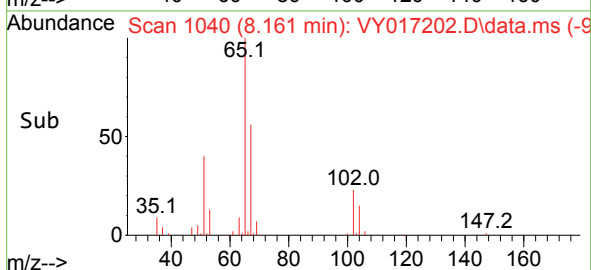
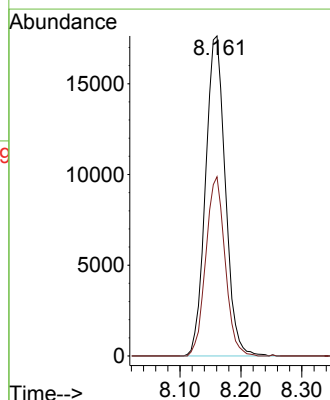
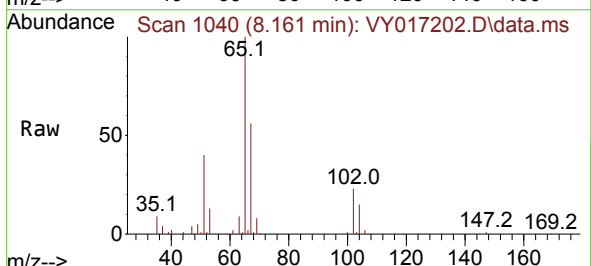
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

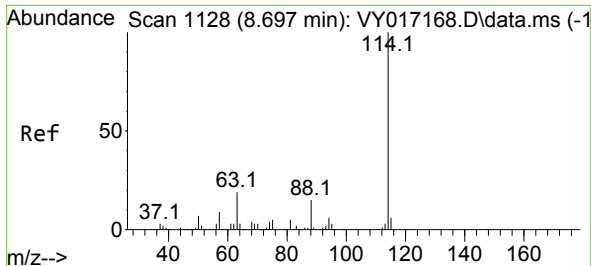
Tgt Ion:168 Resp: 82132
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.165 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion: 65 Resp: 39742
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

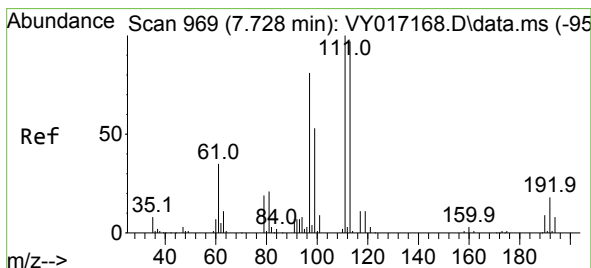
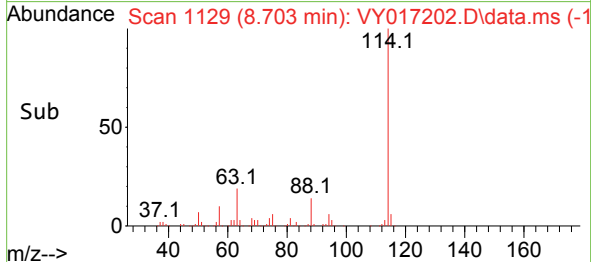
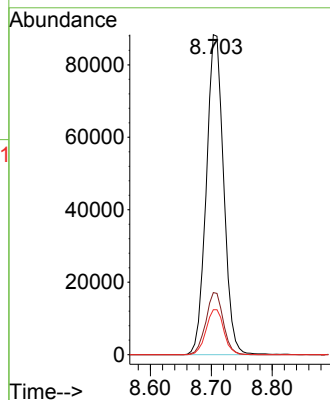
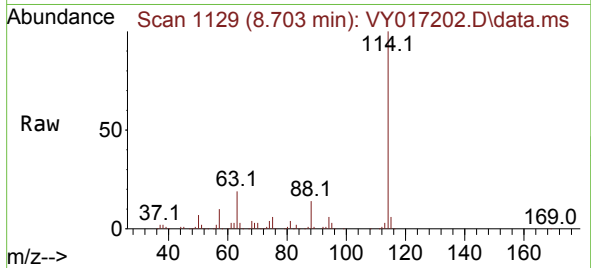




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

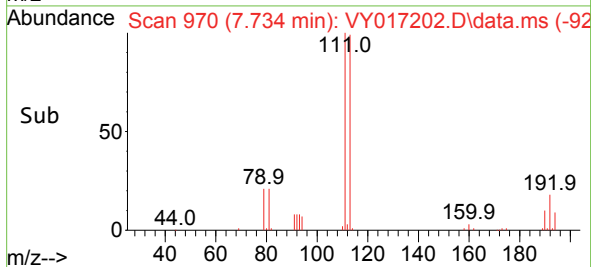
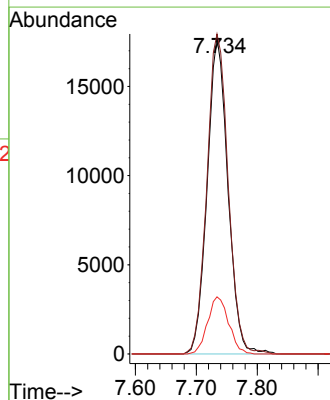
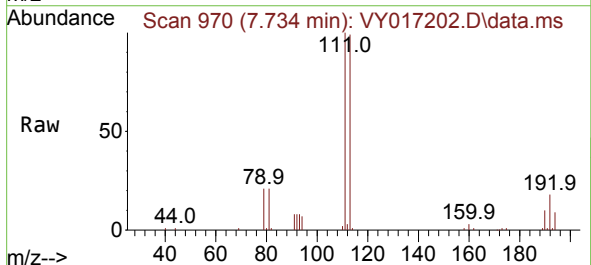
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

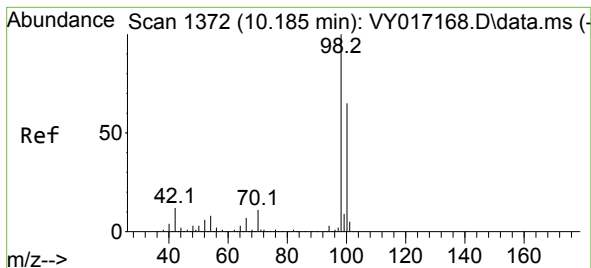
Tgt Ion:114 Resp: 174637
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 44.253 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY017202.D
Acq: 02 Feb 2024 23:46

Tgt Ion:113 Resp: 41727
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 18.4 14.5 21.7





#50

Toluene-d8

Concen: 44.773 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

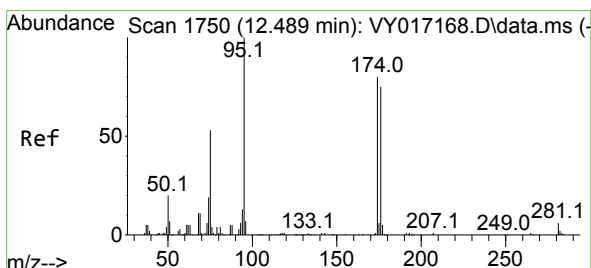
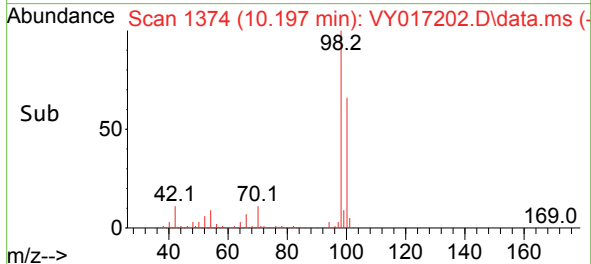
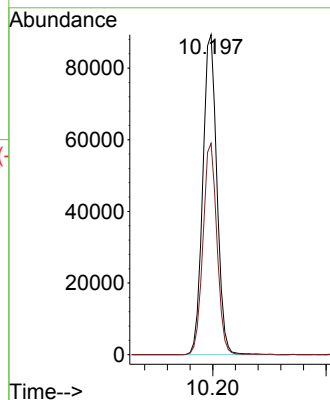
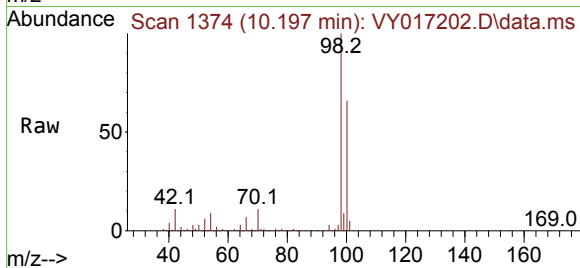
COMP-2

Tgt Ion: 98 Resp: 153711

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.751 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

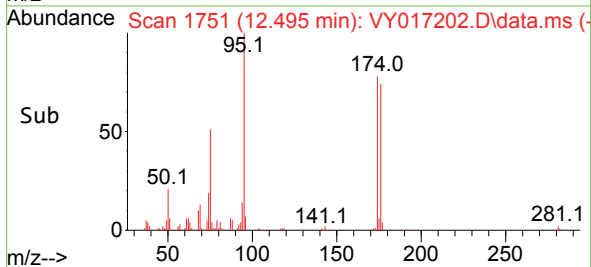
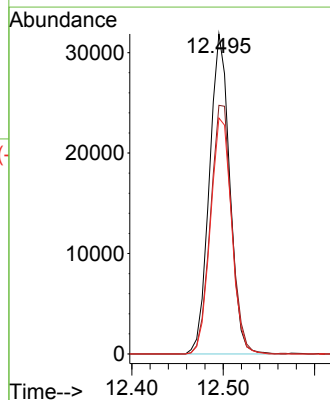
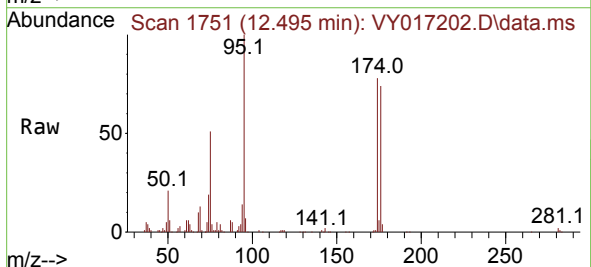
Tgt Ion: 95 Resp: 49204

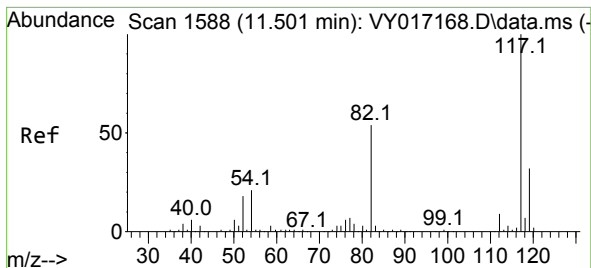
Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.0

176 76.6 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: VY017202.D

Acq: 02 Feb 2024 23:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

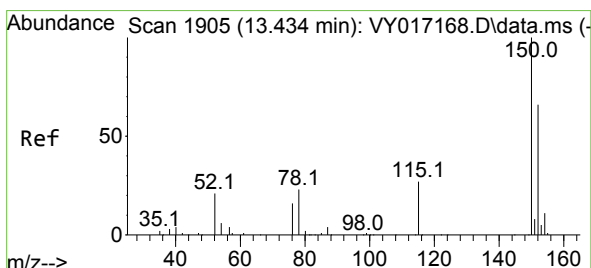
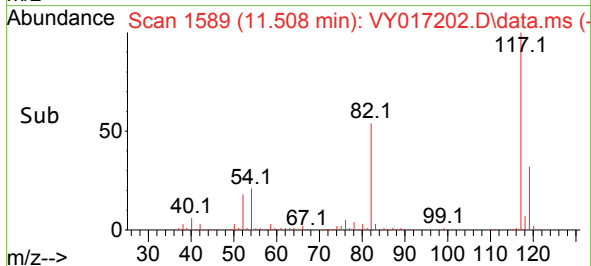
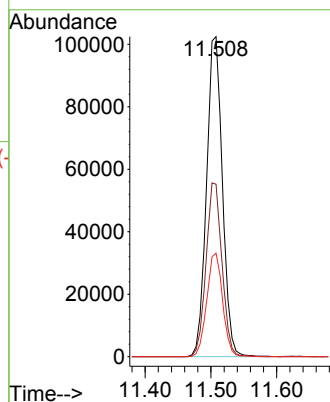
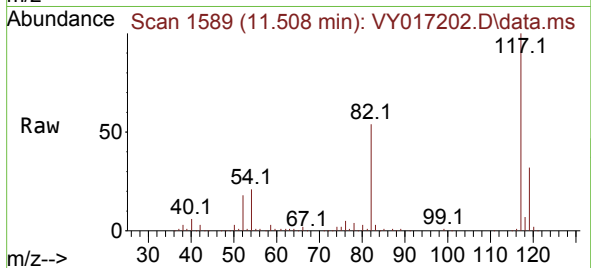
Tgt Ion:117 Resp: 172081

Ion Ratio Lower Upper

117 100

82 53.9 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017202.D

Acq: 02 Feb 2024 23:46

Tgt Ion:152 Resp: 64447

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.4 0.0 344.6

