

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017209.D
 Acq On : 03 Feb 2024 02:31
 Operator : SY/MD
 Sample : P1318-02
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-2

Quant Time: Feb 03 04:29:53 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	79586	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	170056	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	157607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	49187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	39181	55.109	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.746	113	41348	45.032	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.197	98	148759	44.498	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.502	95	41083	37.514	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.020%

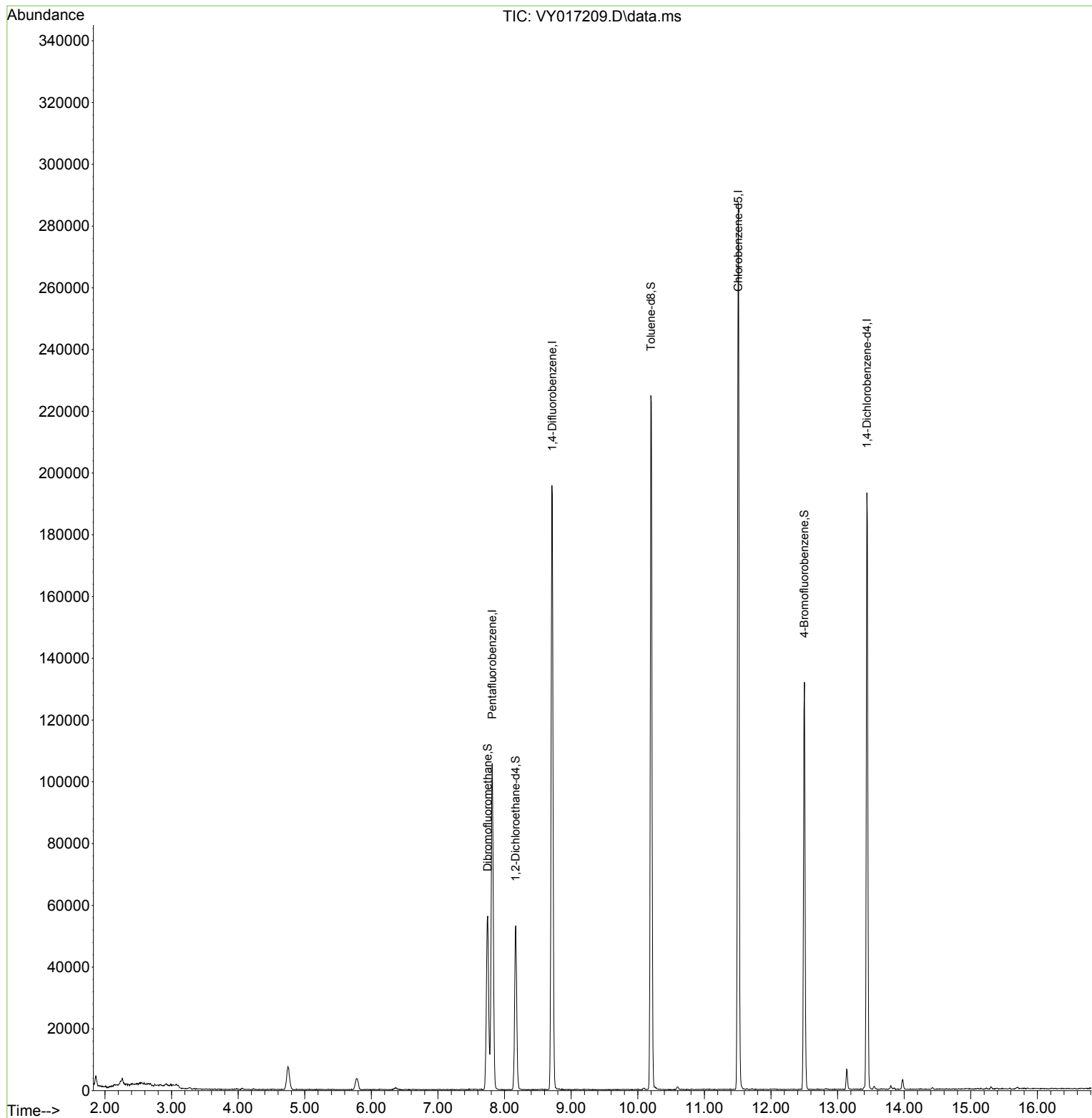
Target Compounds	Qvalue

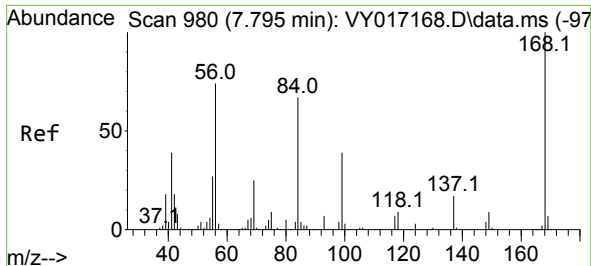
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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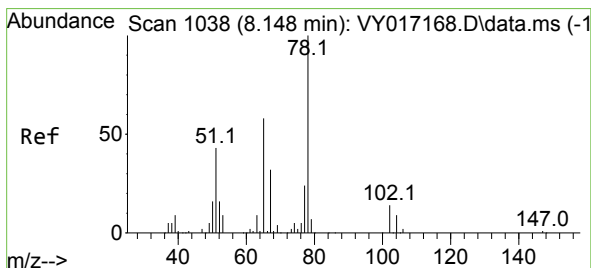
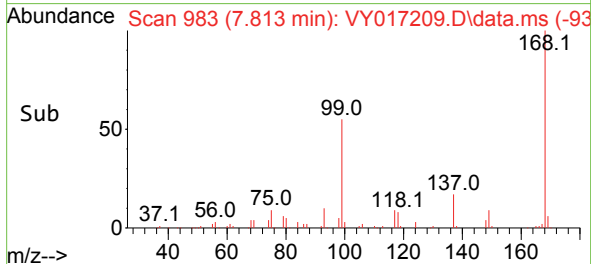
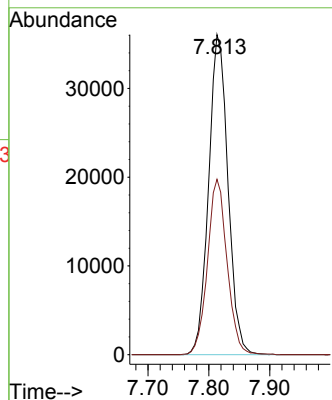
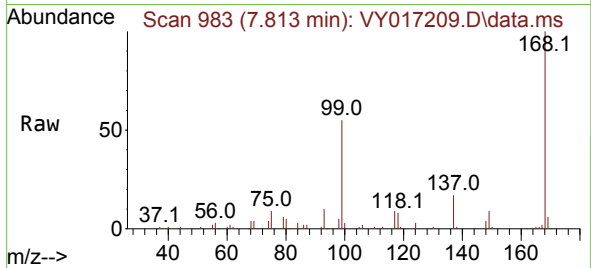




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

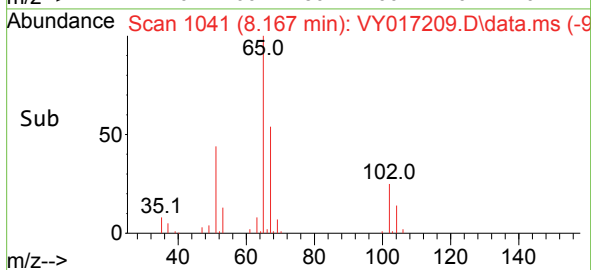
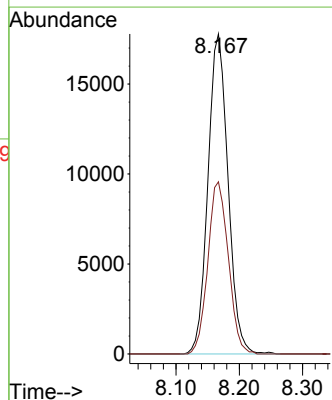
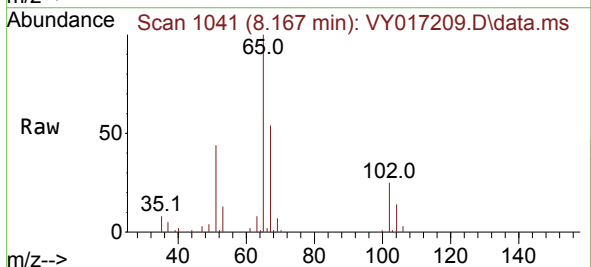
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2

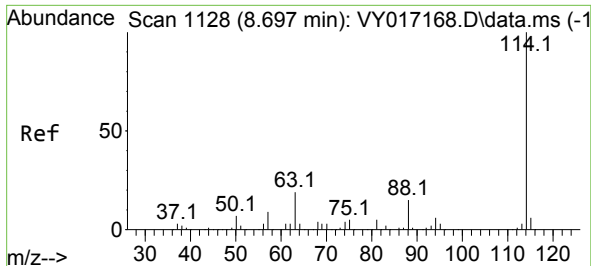
Tgt Ion:168 Resp: 79586
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.109 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.019 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Tgt Ion: 65 Resp: 39181
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2

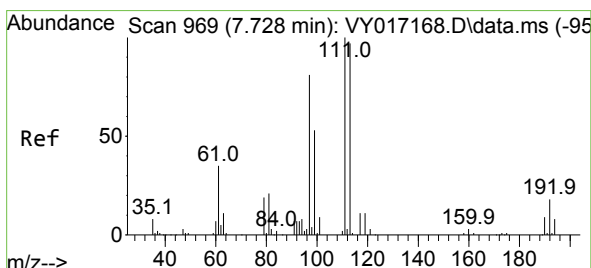
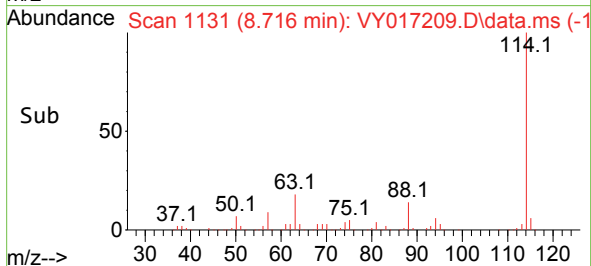
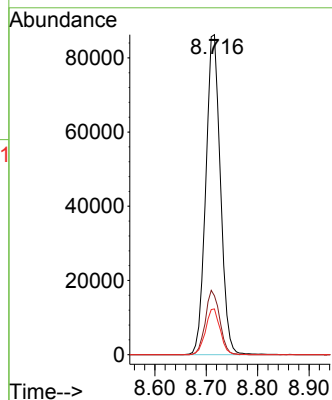
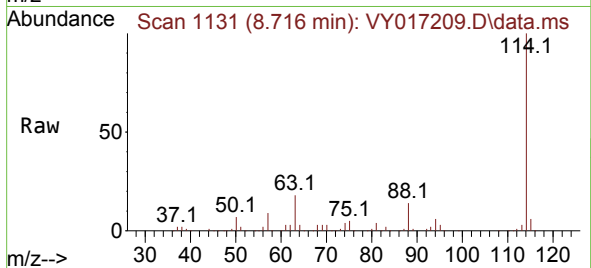
Tgt Ion:114 Resp: 170056

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.032 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.019 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

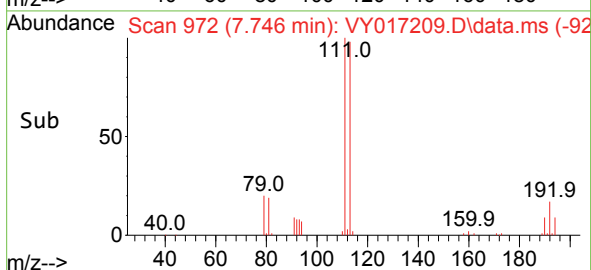
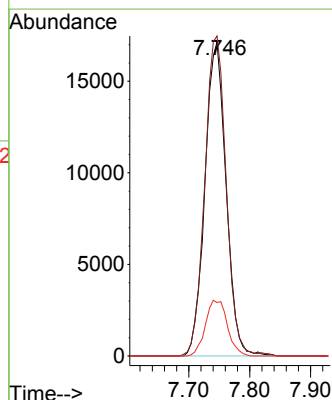
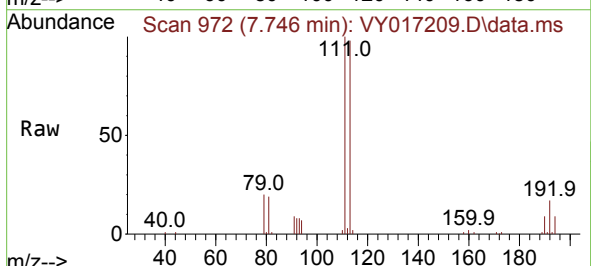
Tgt Ion:113 Resp: 41348

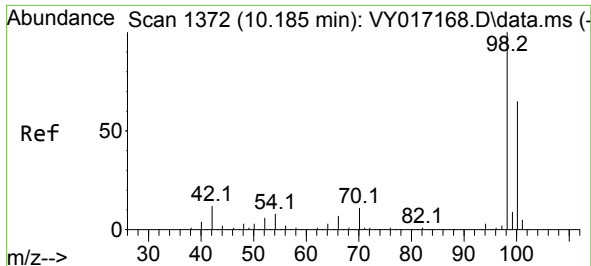
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.4 14.5 21.7

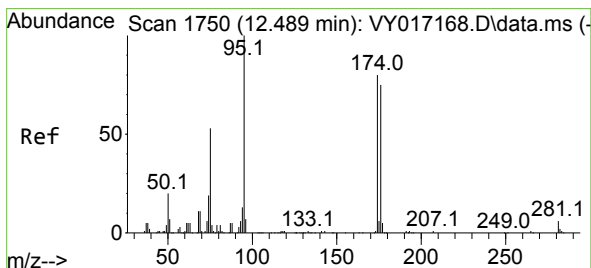
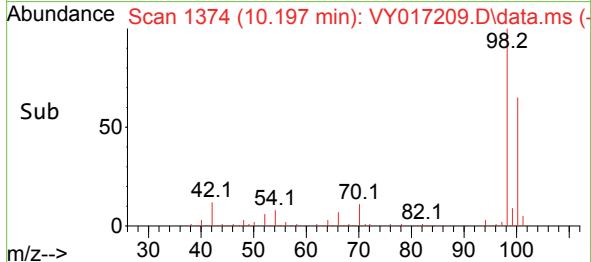
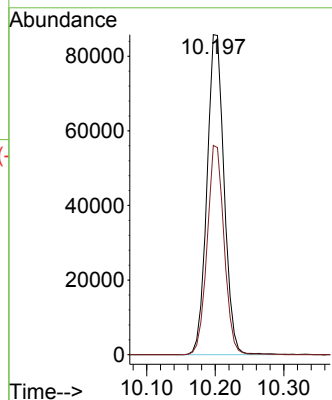
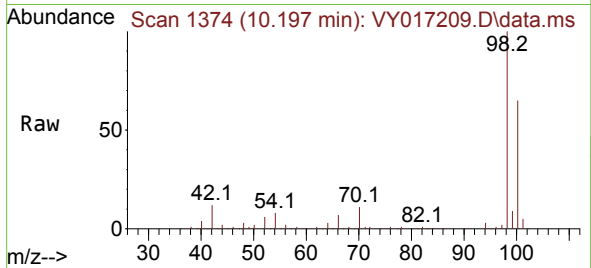




#50
Toluene-d8
Concen: 44.498 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

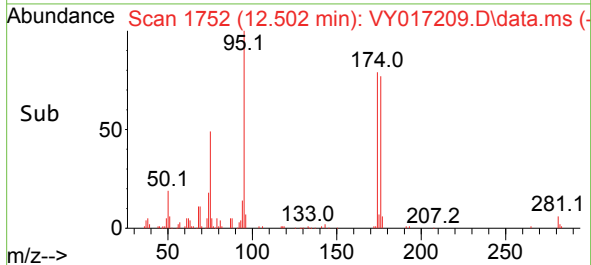
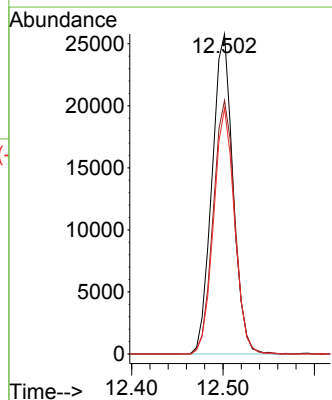
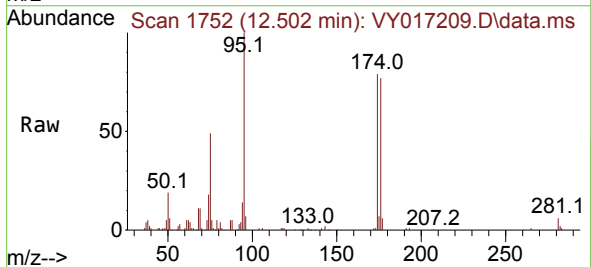
Instrument :
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CO-11-GRID-2

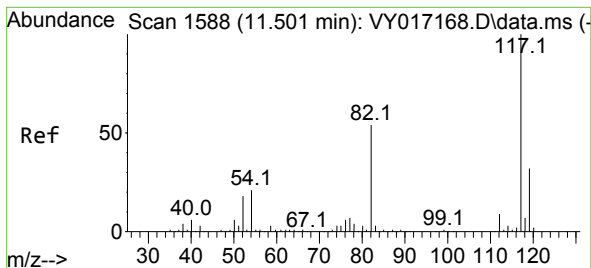
Tgt Ion: 98 Resp: 148759
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.514 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Tgt Ion: 95 Resp: 41083
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.0
176 76.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2

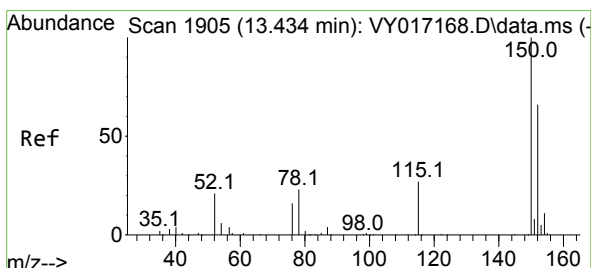
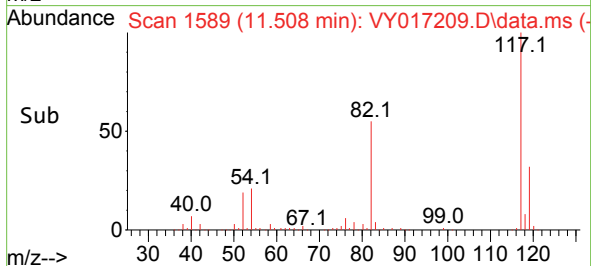
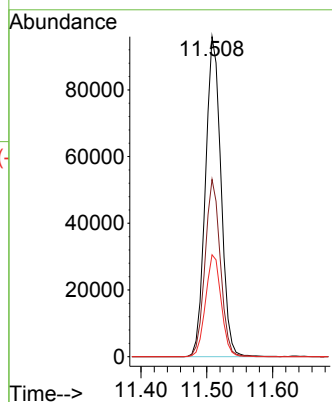
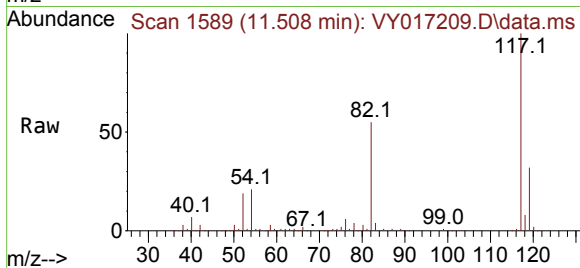
Tgt Ion:117 Resp: 157607

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 31.8 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: VY017209.D

Acq: 03 Feb 2024 02:31

Tgt Ion:152 Resp: 49187

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.9 0.0 344.6

