

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017182.D
 Acq On : 02 Feb 2024 14:27
 Operator : SY/MD
 Sample : P1341-02
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 02 22:30:06 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	7.795	168	87996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	61660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16856	21.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.880%#
35) Dibromofluoromethane	7.716	113	16276	15.908	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.820%#
50) Toluene-d8	10.185	98	60449	16.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	32.460%#
62) 4-Bromofluorobenzene	12.489	95	19163	15.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.400%

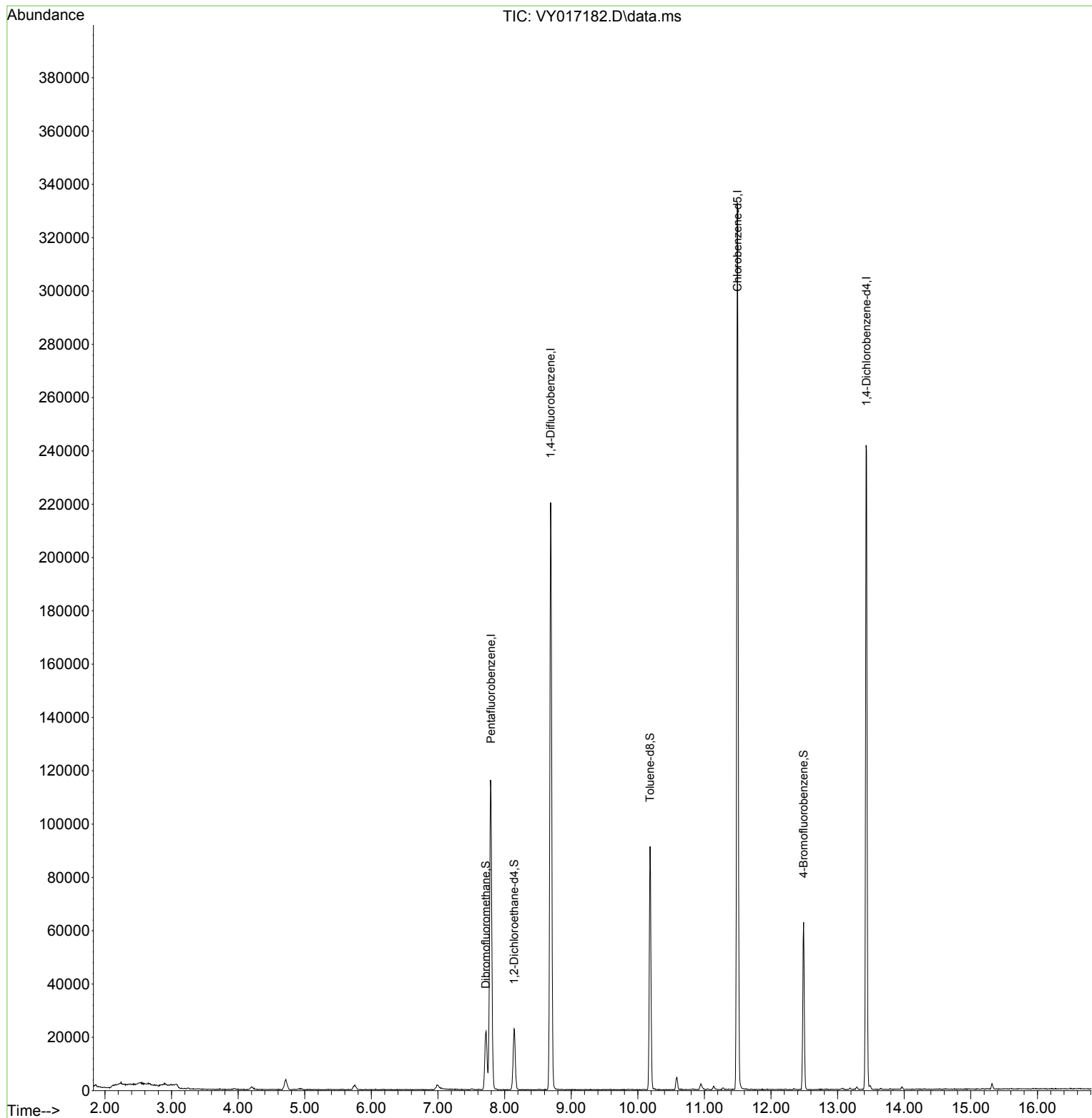
Target Compounds	Qvalue

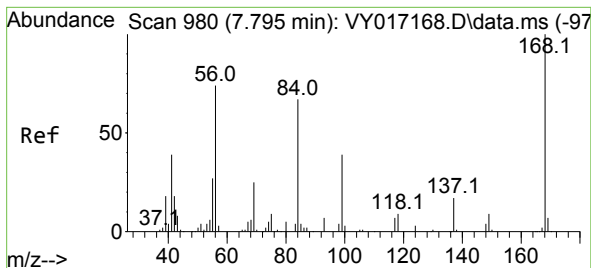
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017182.D

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Instrument :

MSVOA_Y

ClientSampleId :

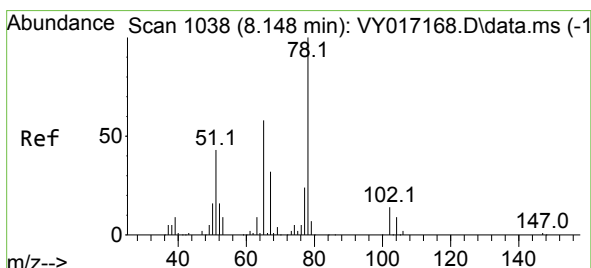
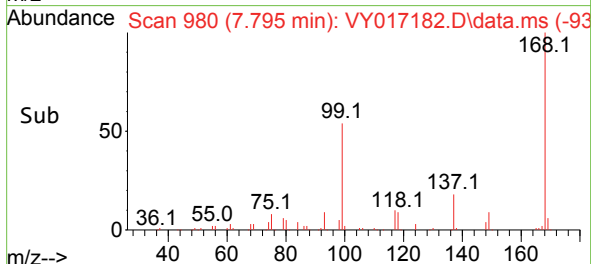
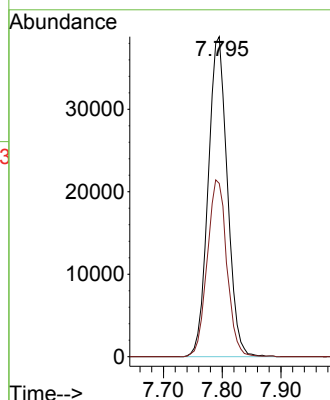
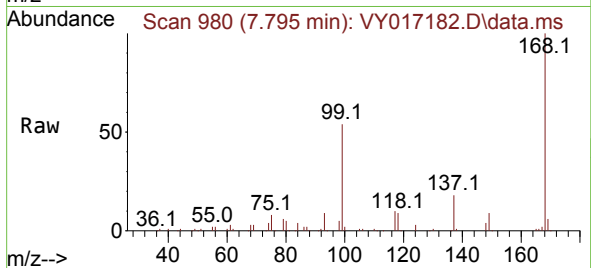
COMP-2

Tgt Ion:168 Resp: 87996

Ion Ratio Lower Upper

168 100

99 54.2 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 21.443 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017182.D

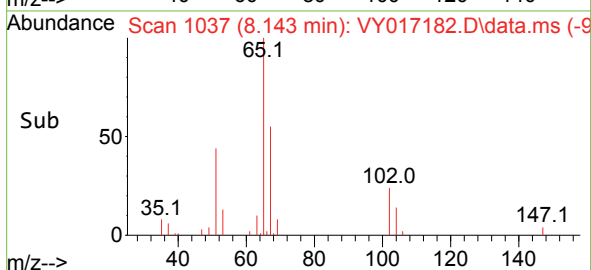
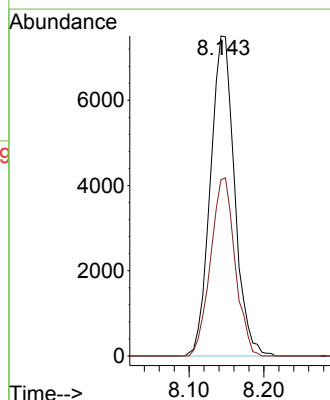
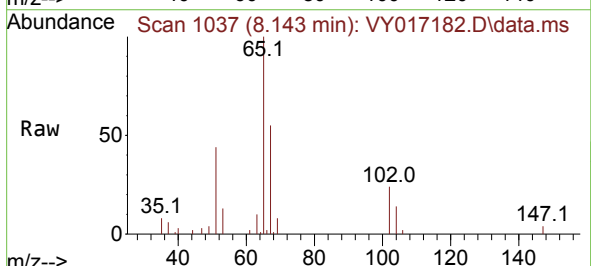
Acq: 02 Feb 2024 14:27

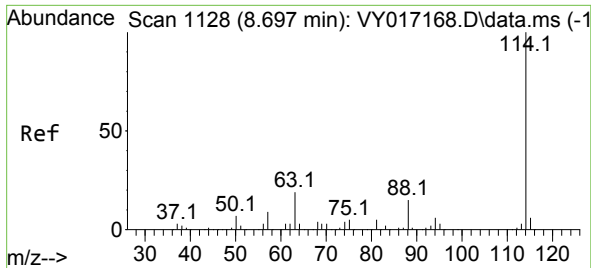
Tgt Ion: 65 Resp: 16856

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.0

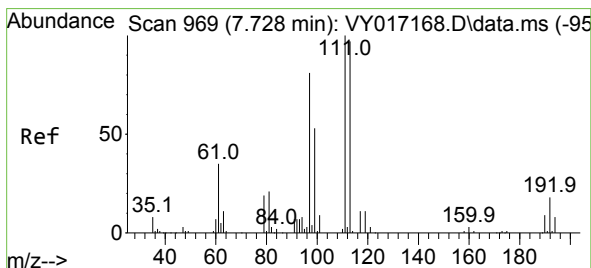
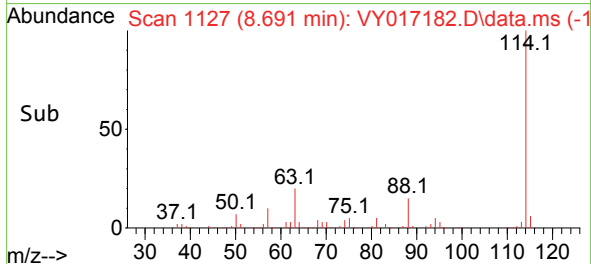
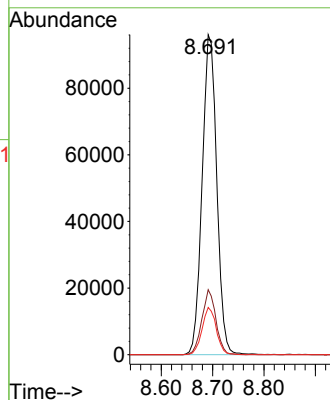
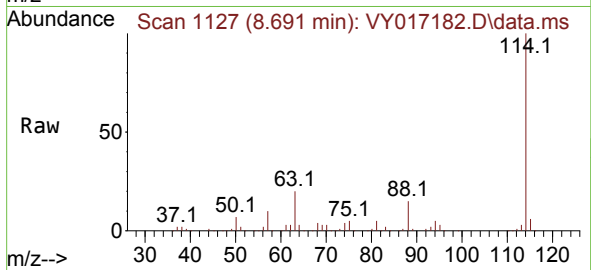




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY017182.D
Acq: 02 Feb 2024 14:27

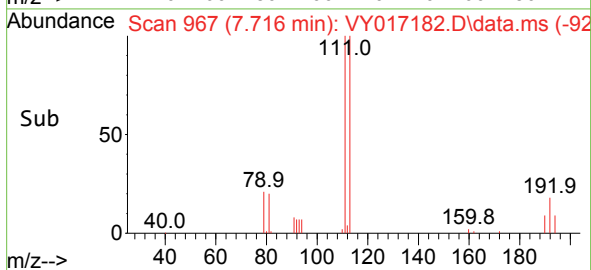
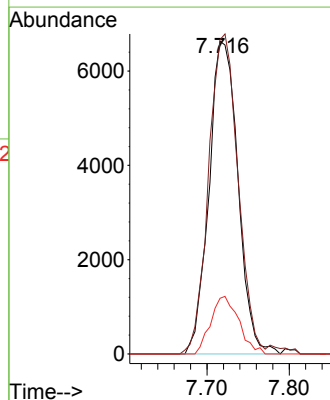
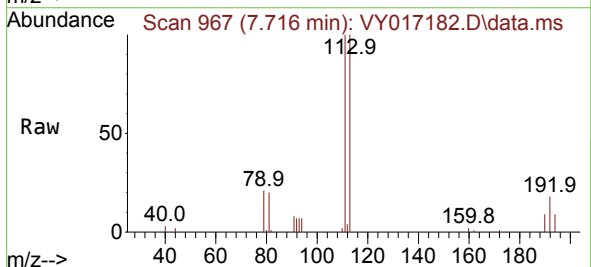
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

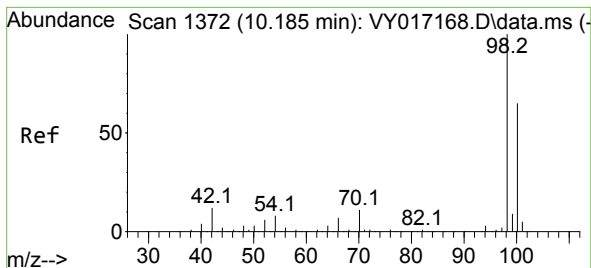
Tgt Ion:114 Resp: 189488
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 15.908 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY017182.D
Acq: 02 Feb 2024 14:27

Tgt Ion:113 Resp: 16276
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 16.228 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017182.D

Acq: 02 Feb 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

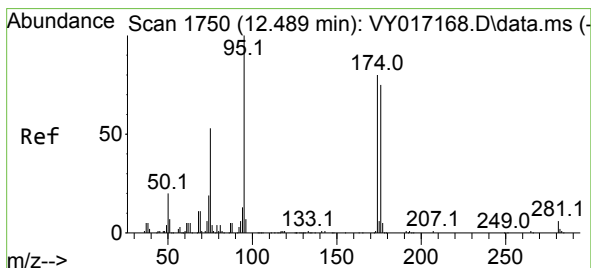
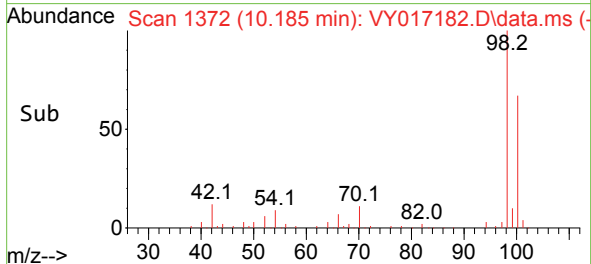
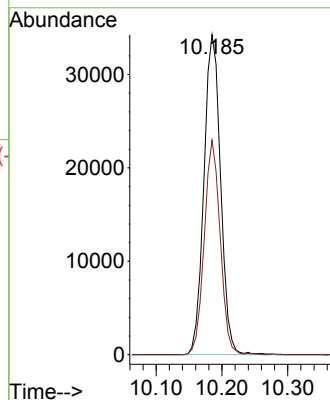
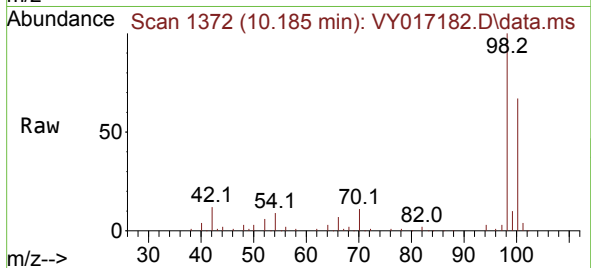
COMP-2

Tgt Ion: 98 Resp: 60449

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 15.704 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017182.D

Acq: 02 Feb 2024 14:27

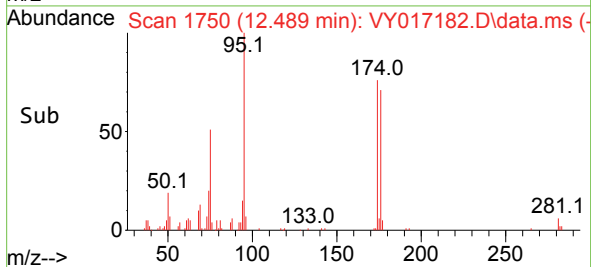
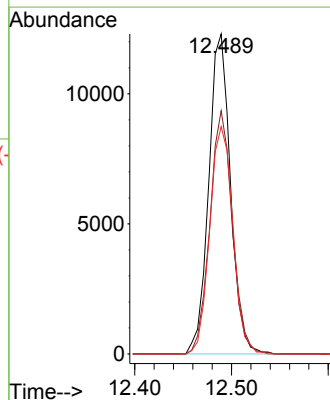
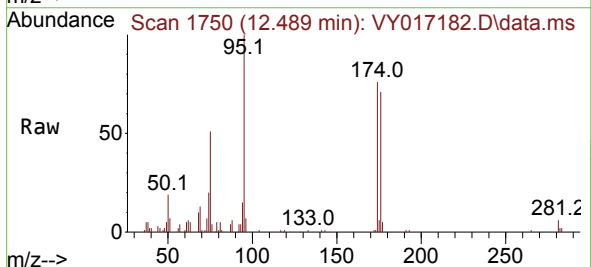
Tgt Ion: 95 Resp: 19163

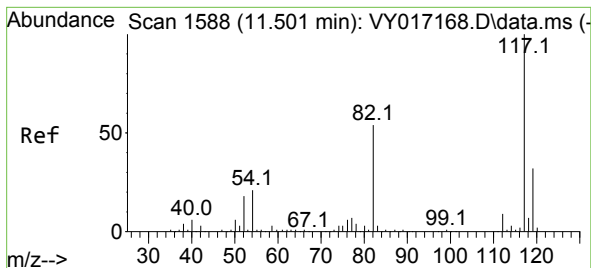
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 75.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017182.D

Acq: 02 Feb 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

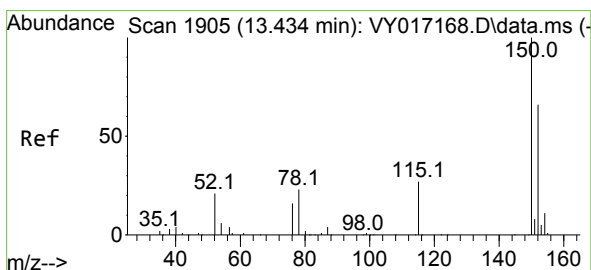
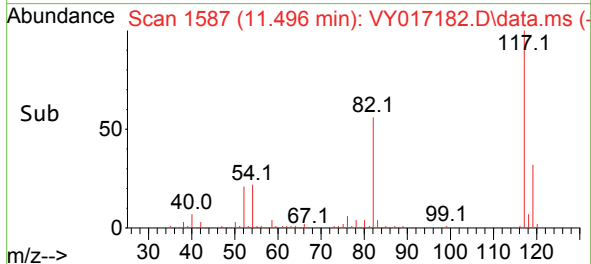
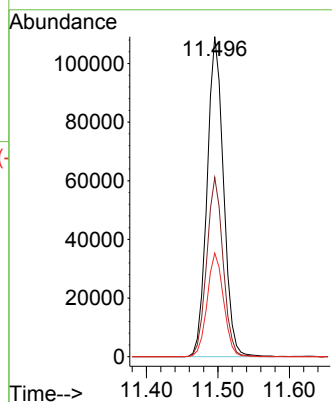
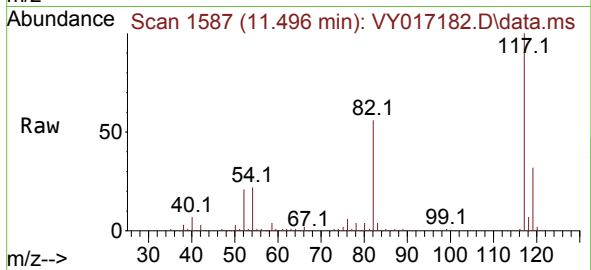
Tgt Ion:117 Resp: 174285

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017182.D

Acq: 02 Feb 2024 14:27

Tgt Ion:152 Resp: 61660

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 158.6 0.0 344.6

