

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018063.D
 Acq On : 26 Apr 2024 15:29
 Operator : SY/MD
 Sample : P2274-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUMP-COMPRES

Quant Time: Apr 27 01:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	112719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	122827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38070	39.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.060%
35) Dibromofluoromethane	7.722	113	50374	51.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.185	98	173525	46.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.483	95	36302	31.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.820%

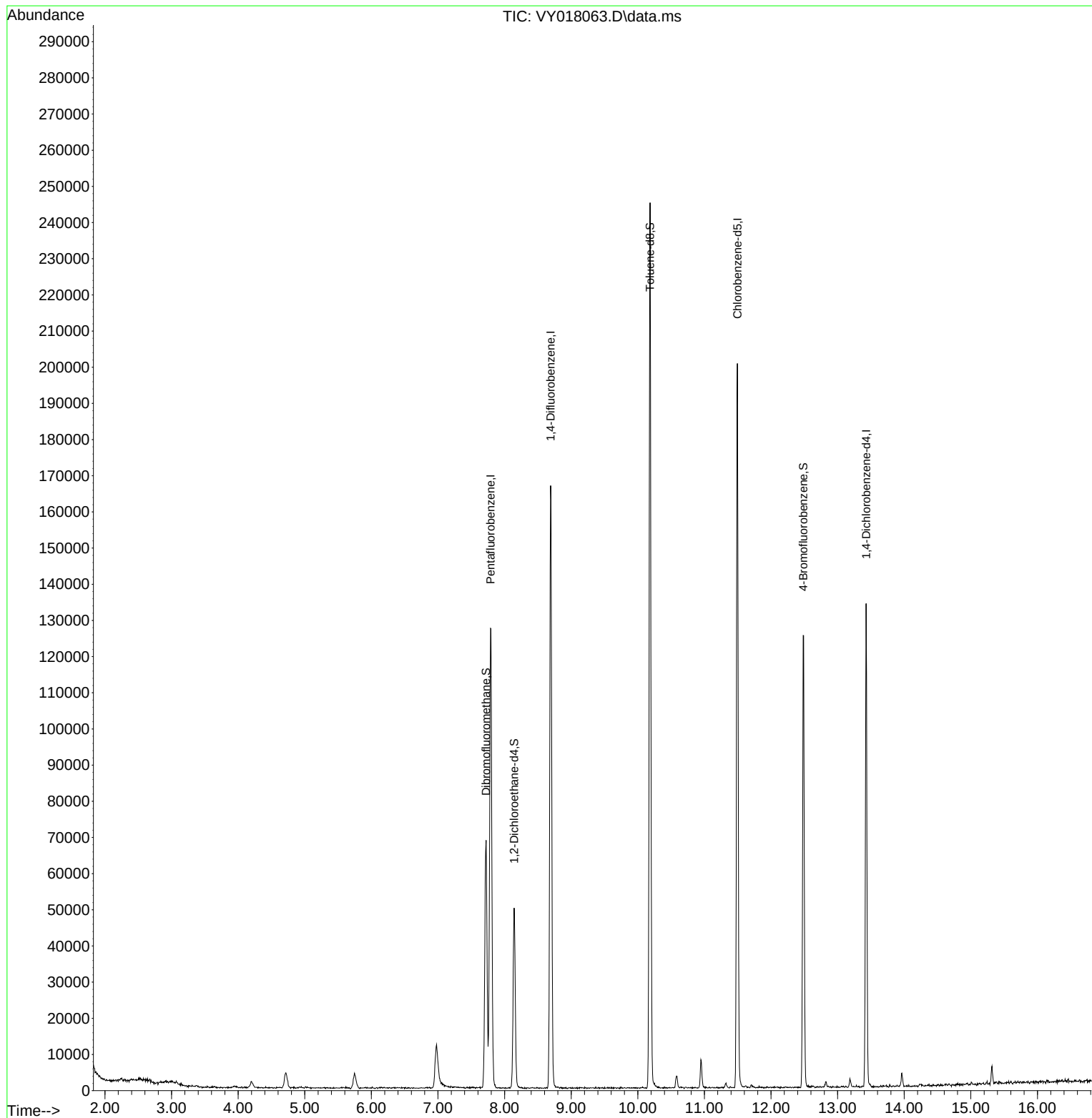
Target Compounds	Qvalue

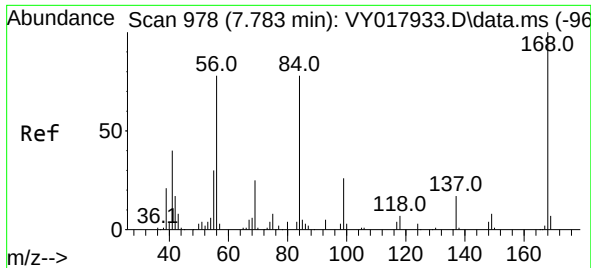
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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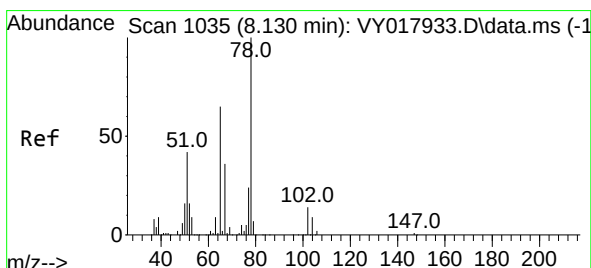
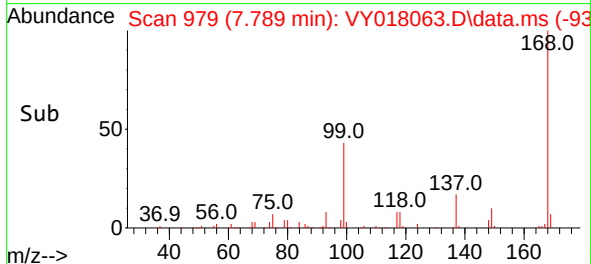
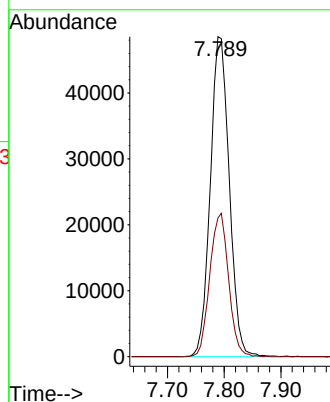
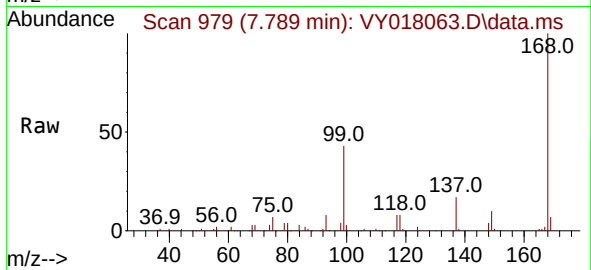




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

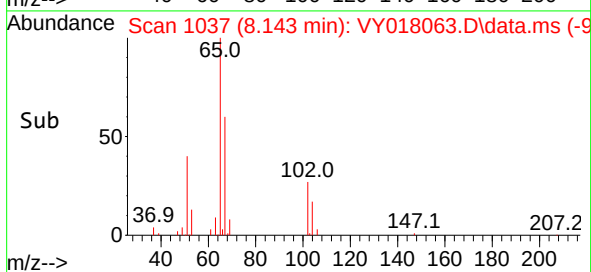
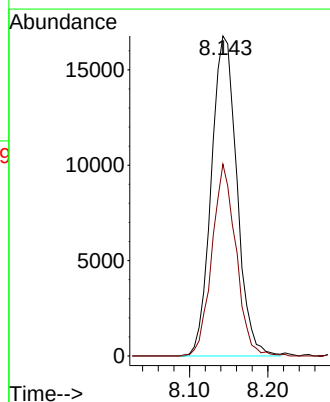
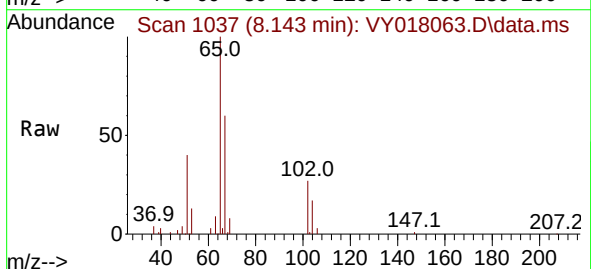
Instrument :
MSVOA_Y
ClientSampleId :
DRUMP-COMP

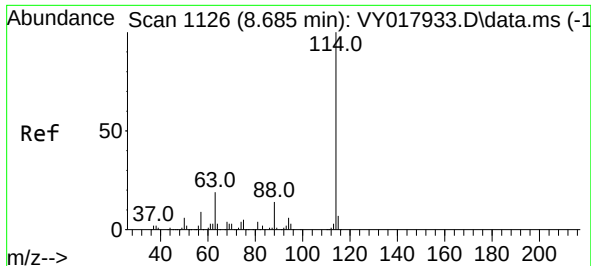
Tgt Ion:168 Resp: 112719
Ion Ratio Lower Upper
168 100
99 43.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.029 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion: 65 Resp: 38070
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

DRUMP-COMP

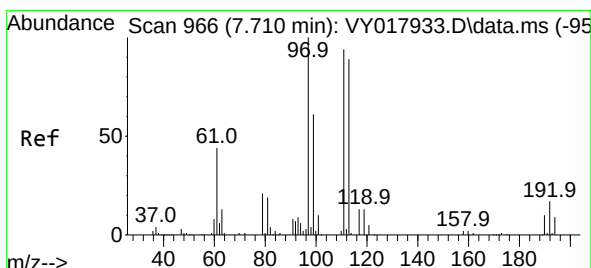
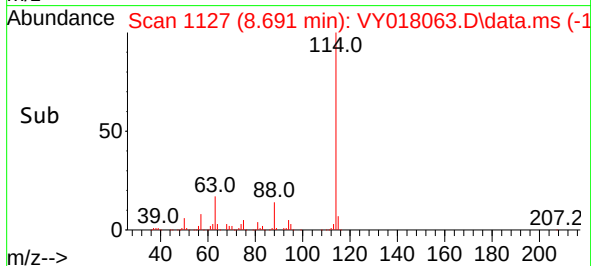
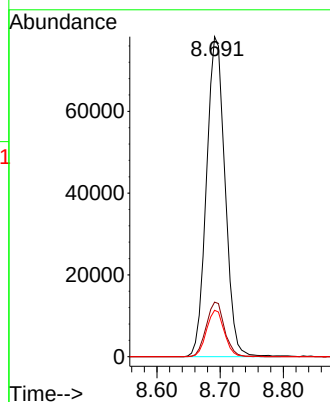
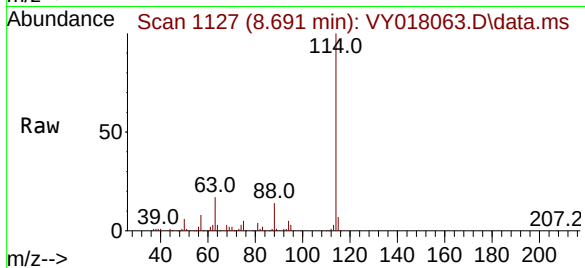
Tgt Ion:114 Resp: 159416

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.219 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

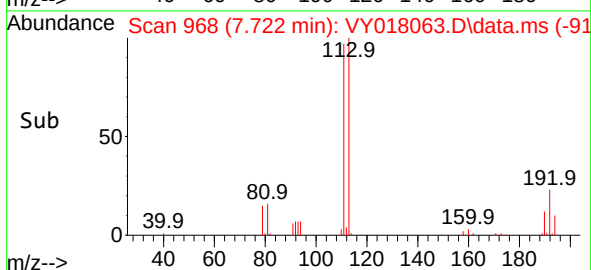
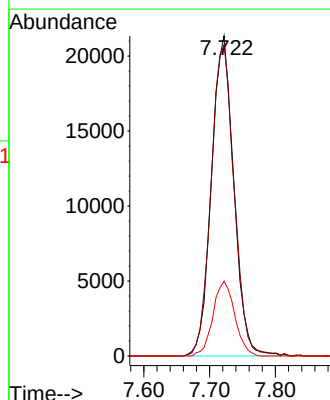
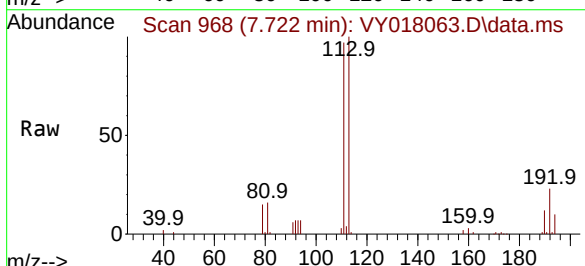
Tgt Ion:113 Resp: 50374

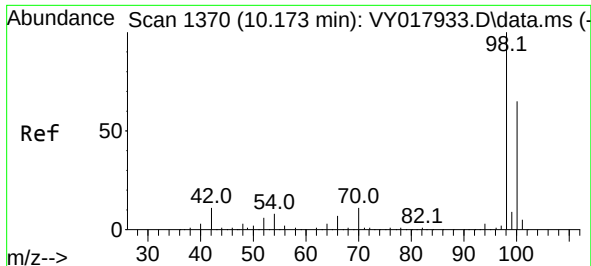
Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 22.8 15.9 23.9

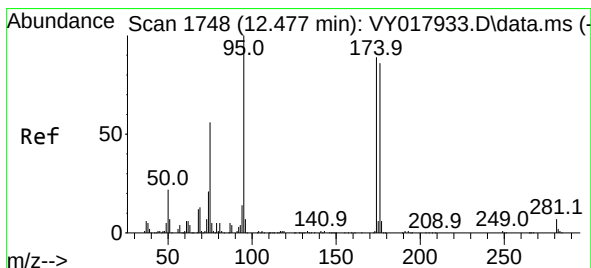
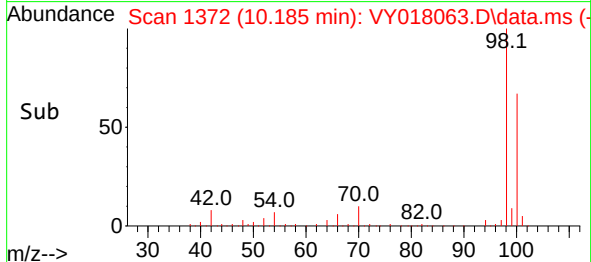
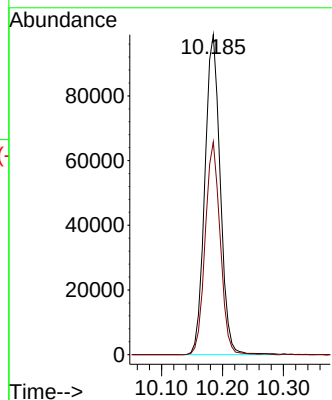
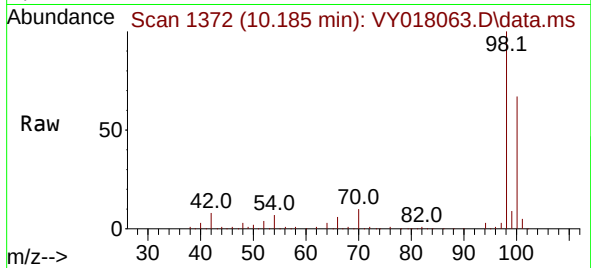




#50
Toluene-d8
Concen: 46.498 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

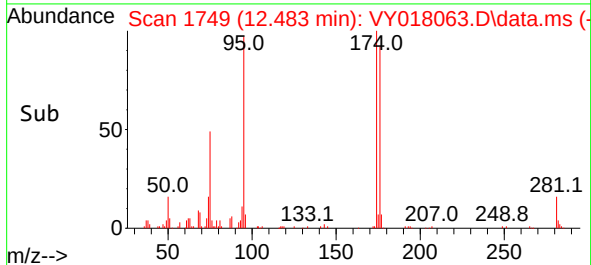
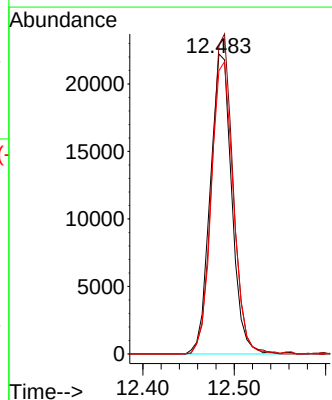
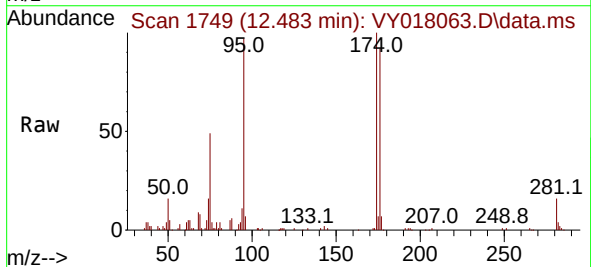
Instrument :
MSVOA_Y
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DRUMP-COMP

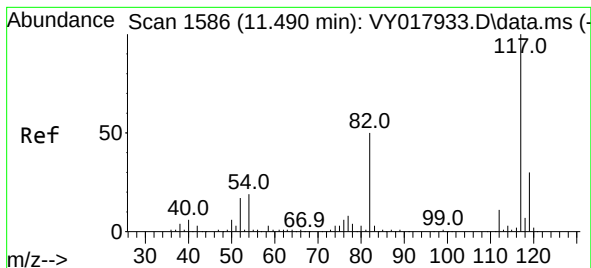
Tgt Ion: 98 Resp: 173525
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion: 95 Resp: 36302
Ion Ratio Lower Upper
95 100
174 105.8 0.0 175.6
176 99.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

DRUMP-COMP

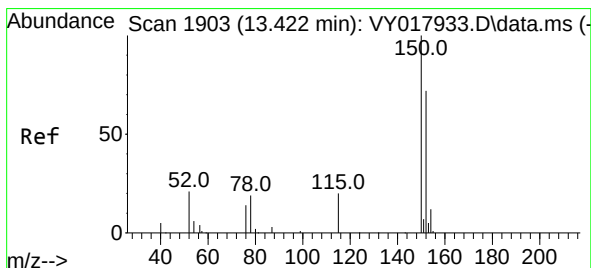
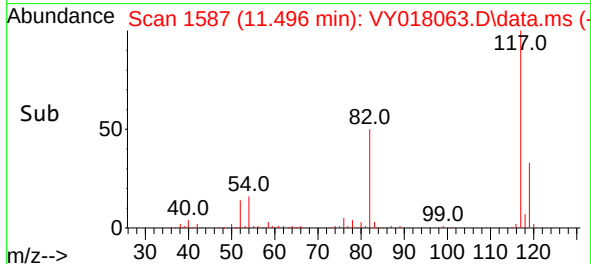
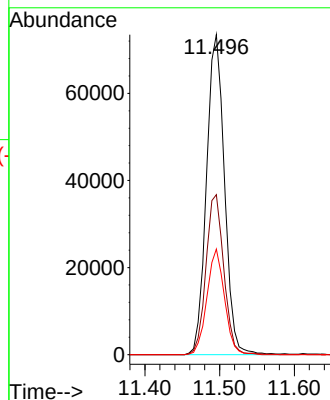
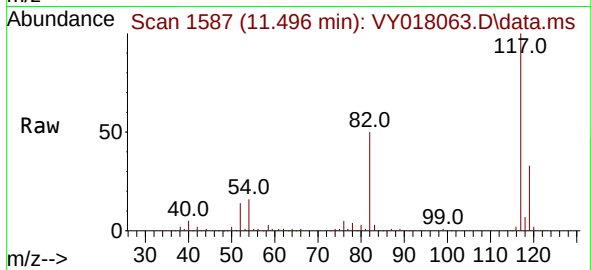
Tgt Ion:117 Resp: 122827

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Tgt Ion:152 Resp: 39803

Ion Ratio Lower Upper

152 100

115 49.4 28.2 84.7

150 152.5 0.0 345.6

