

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017836.D
 Acq On : 03 Apr 2024 15:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 04 01:13:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	165899	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	305572	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	267110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86838	60.490	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.980%
35) Dibromofluoromethane	7.734	113	96305	54.541	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.191	98	361546	54.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.495	95	99751	49.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.420%

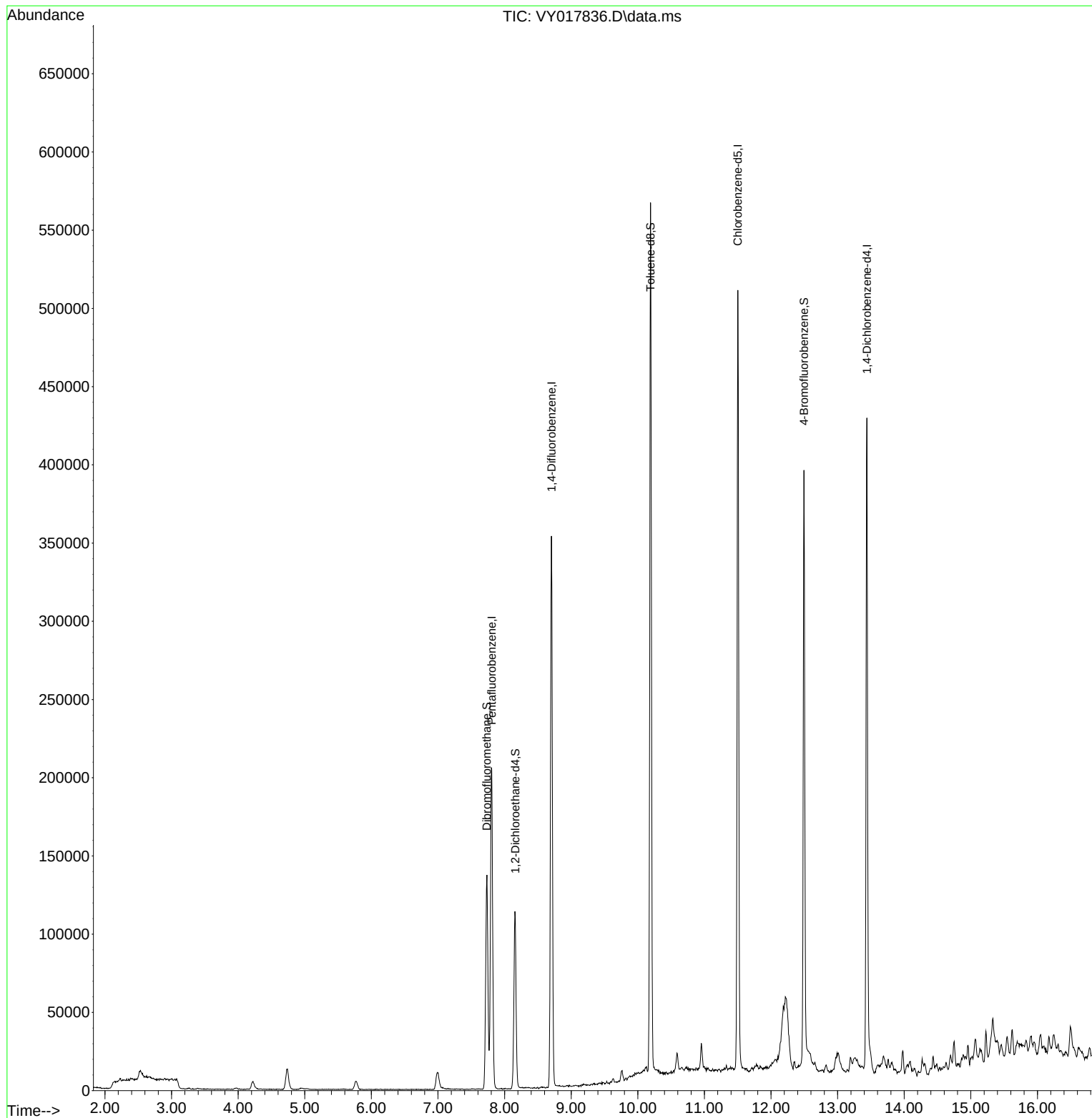
Target Compounds	Qvalue

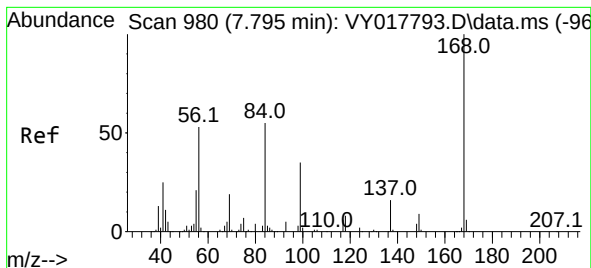
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY017836.D

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Instrument :

MSVOA_Y

ClientSampleId :

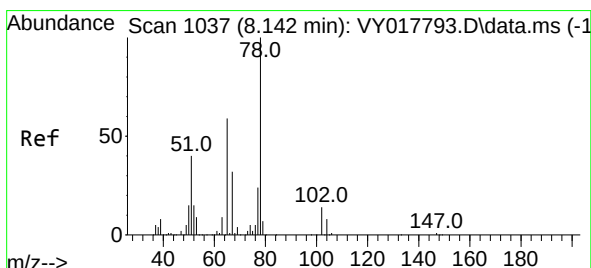
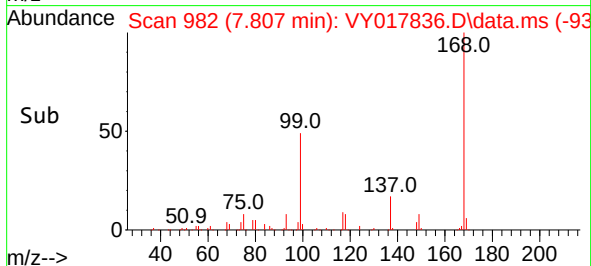
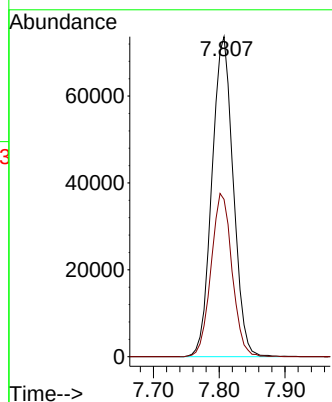
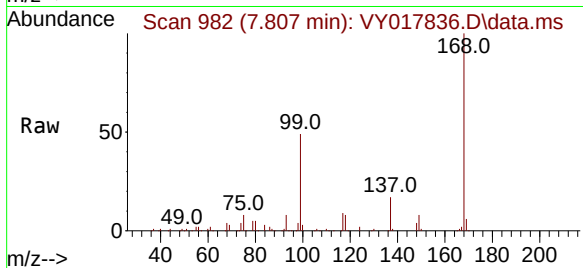
VIBLK

Tgt Ion:168 Resp: 165899

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 60.490 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.018 min

Lab File: VY017836.D

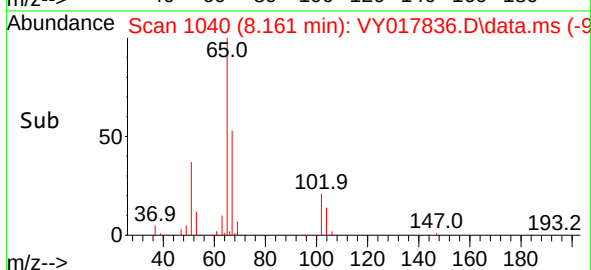
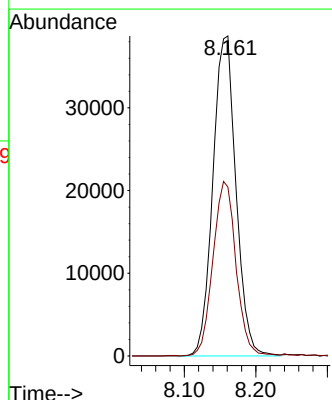
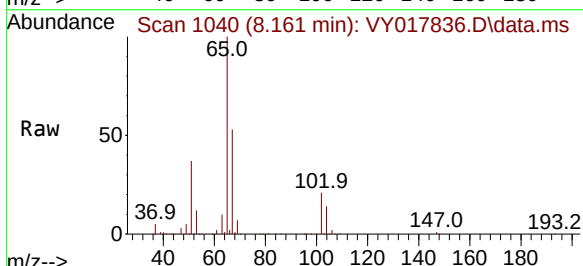
Acq: 03 Apr 2024 15:23

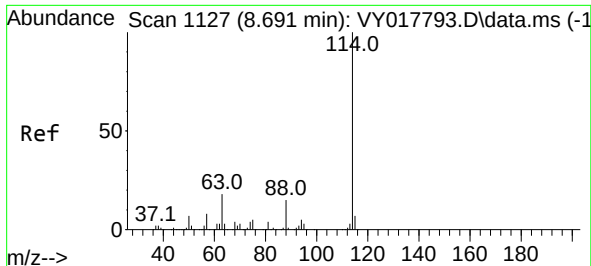
Tgt Ion: 65 Resp: 86838

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

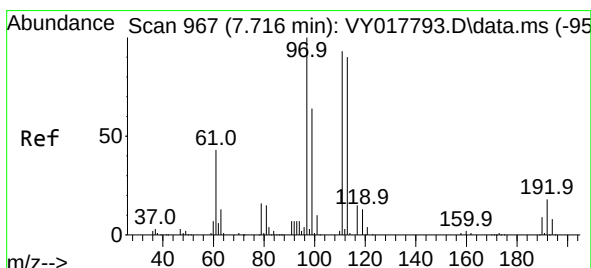
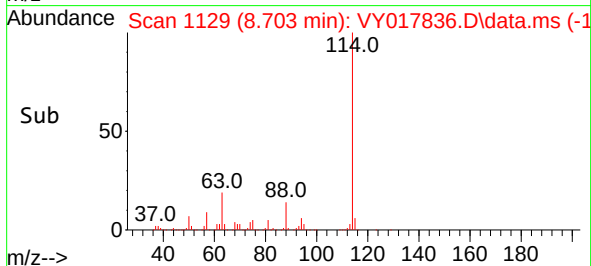
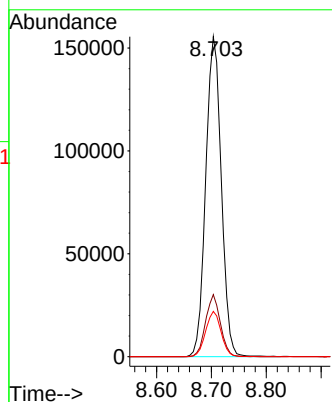
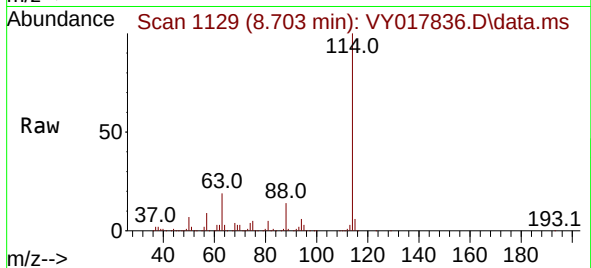
Tgt Ion:114 Resp: 305572

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.541 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

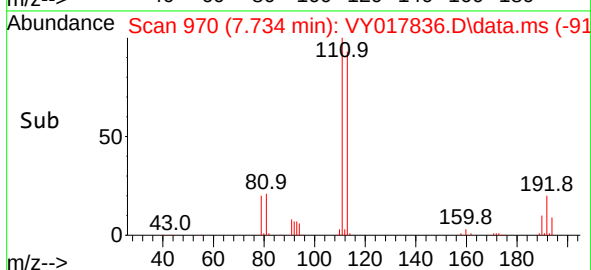
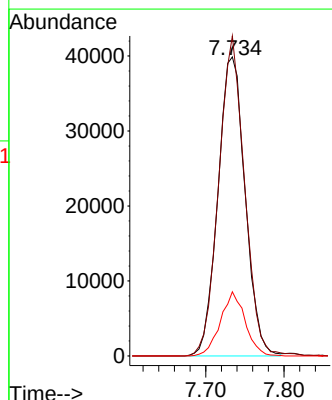
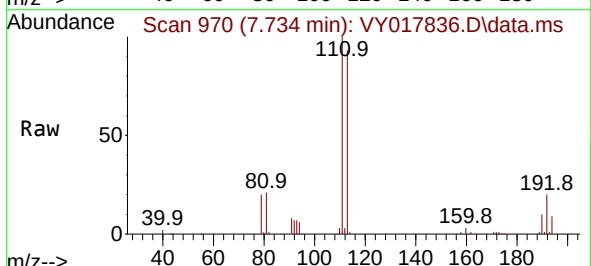
Tgt Ion:113 Resp: 96305

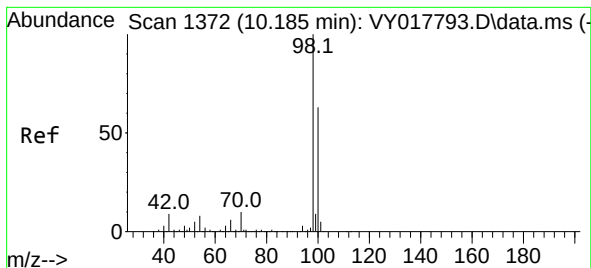
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 54.815 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

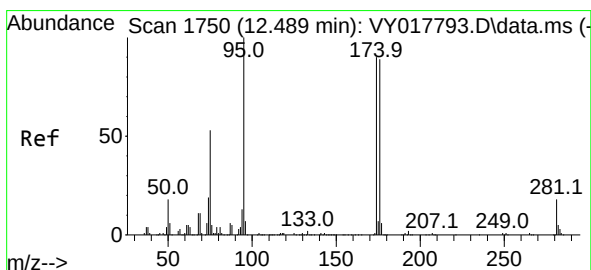
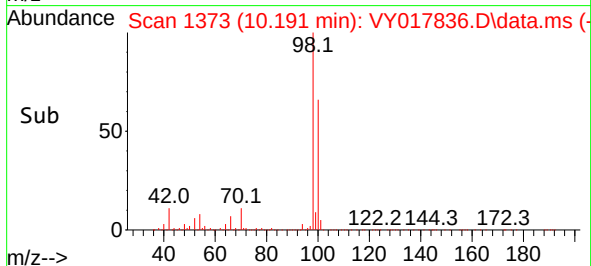
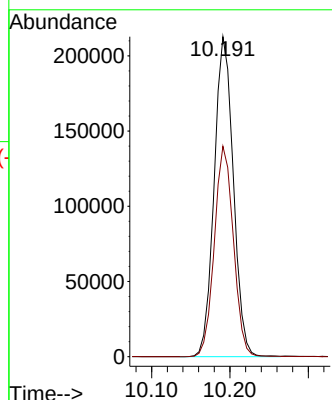
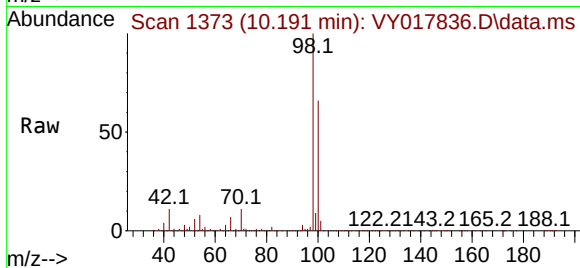
VIBLK

Tgt Ion: 98 Resp: 361546

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.708 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

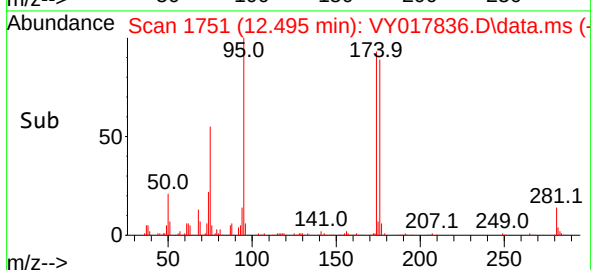
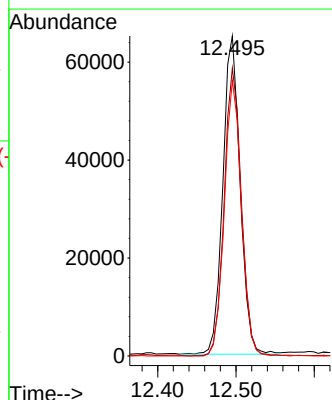
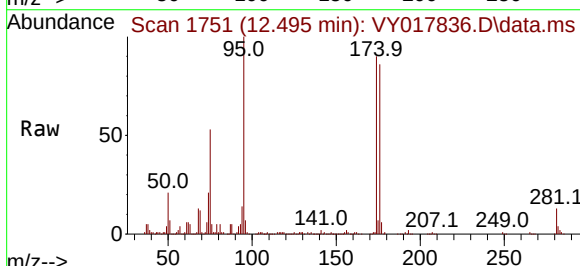
Tgt Ion: 95 Resp: 99751

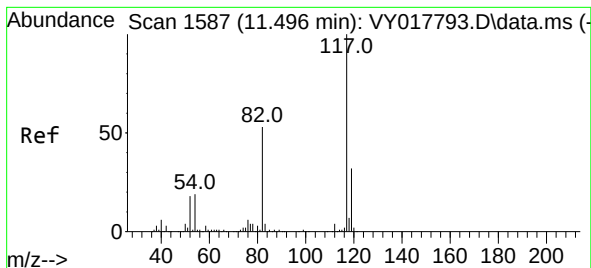
Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.6

176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

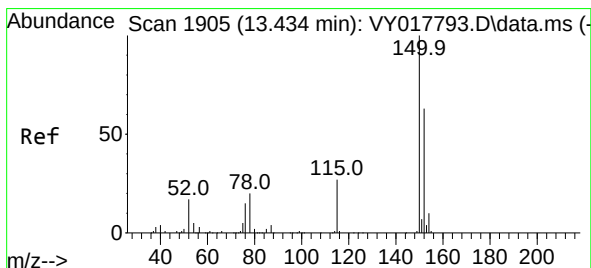
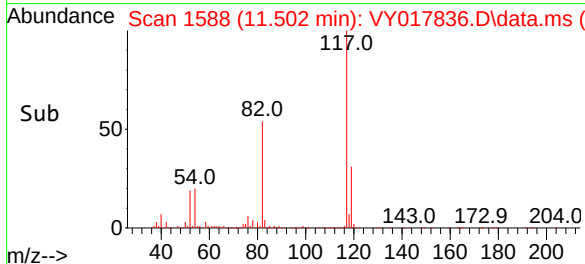
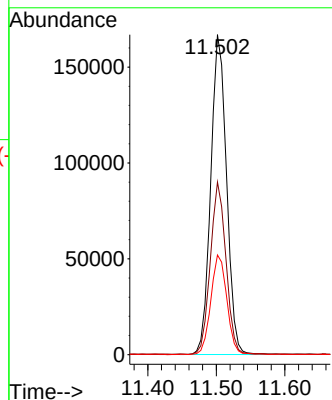
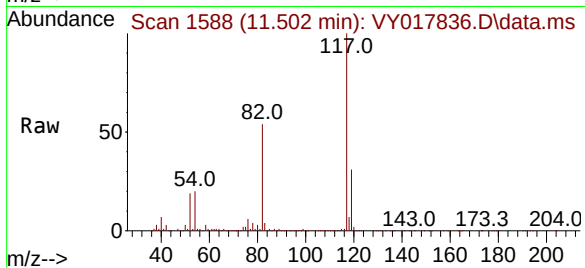
Tgt Ion:117 Resp: 267110

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 31.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Tgt Ion:152 Resp: 103033

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 155.9 0.0 345.6

