

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018060.D
 Acq On : 26 Apr 2024 14:15
 Operator : SY/MD
 Sample : P2271-01
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3860

Quant Time: Apr 27 01:08:22 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	7.795	168	333040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	585323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	539767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153241	53.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.340%
35) Dibromofluoromethane	7.722	113	181869	50.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.720%
50) Toluene-d8	10.185	98	679518	49.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.483	95	193508	45.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%

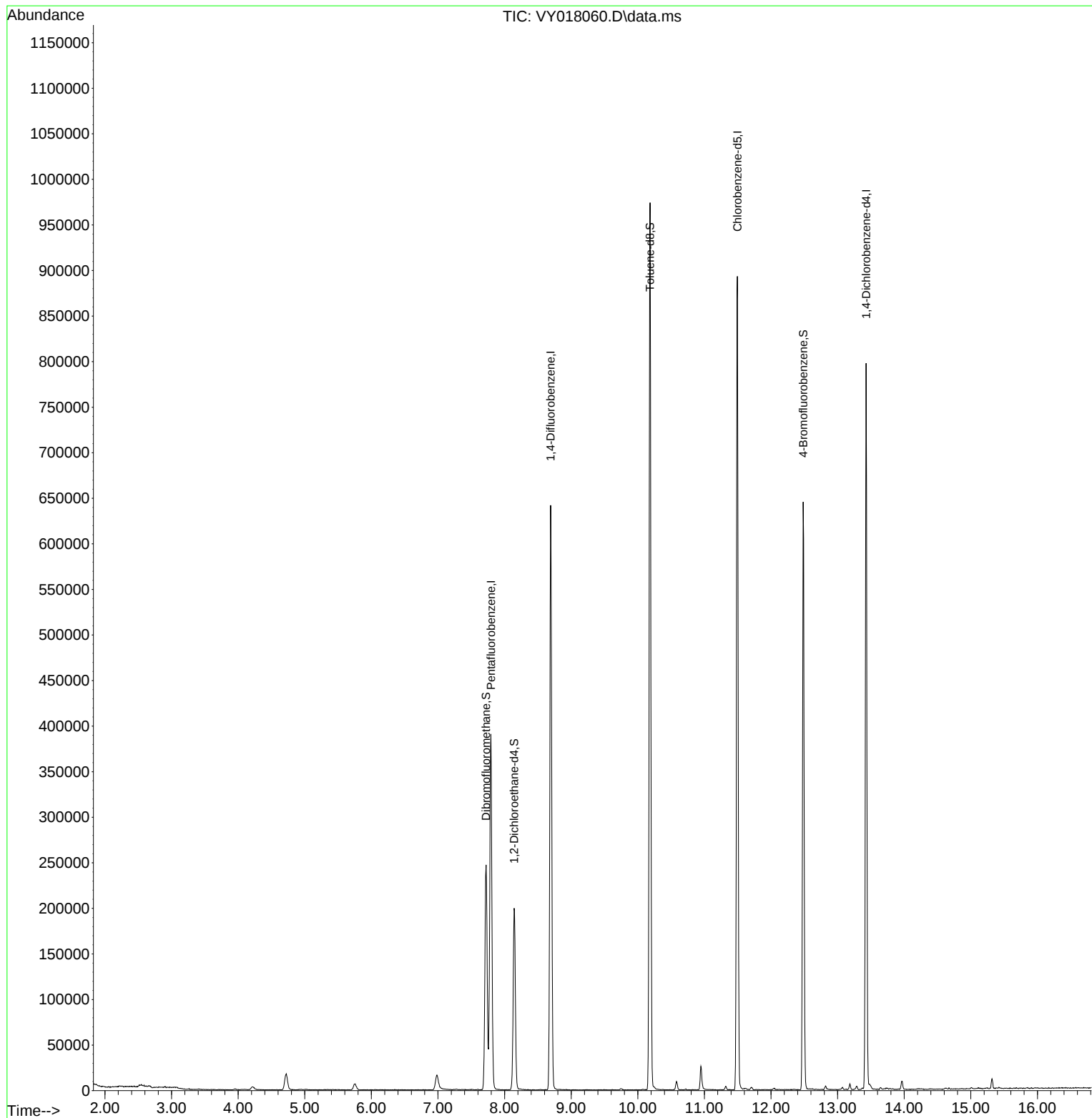
Target Compounds	Qvalue

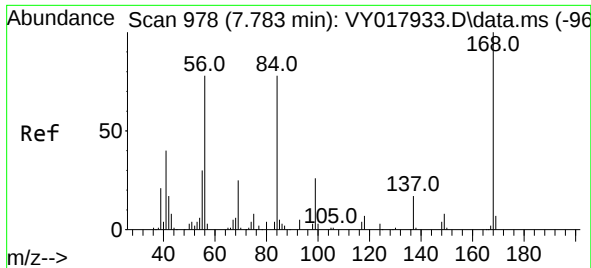
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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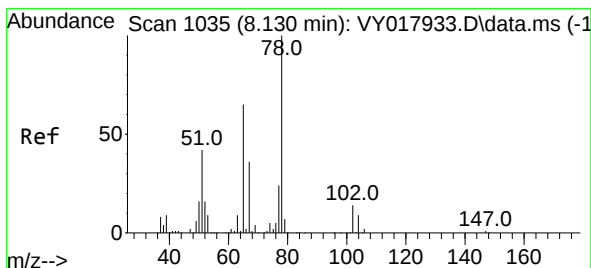
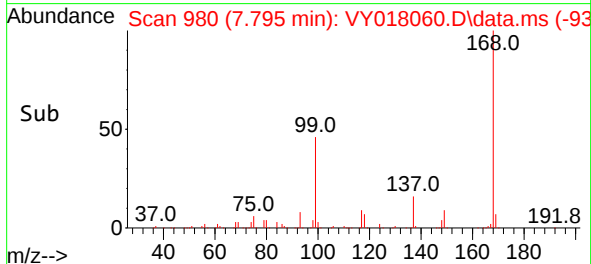
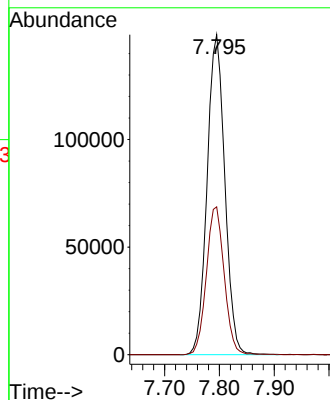
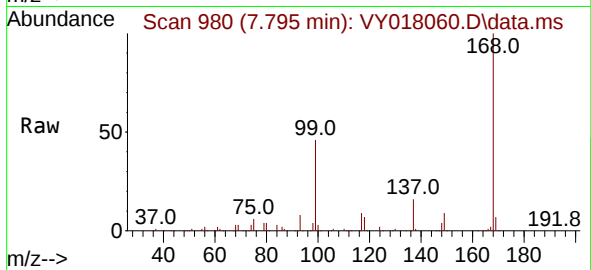




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

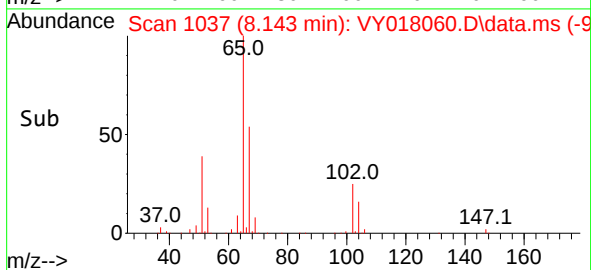
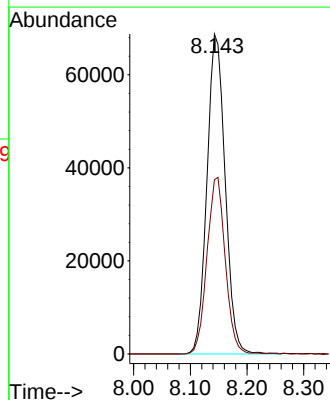
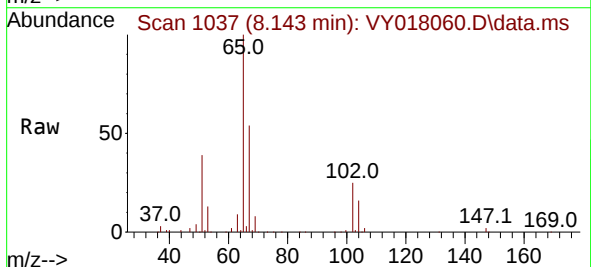
Instrument :
MSVOA_Y
ClientSampleId :
RT-3860

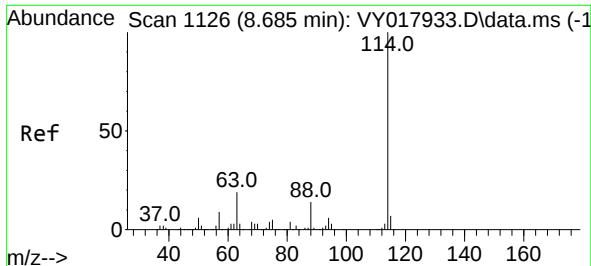
Tgt Ion:168 Resp: 333040
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.171 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Tgt Ion: 65 Resp: 153241
Ion Ratio Lower Upper
65 100
67 55.5 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: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

RT-3860

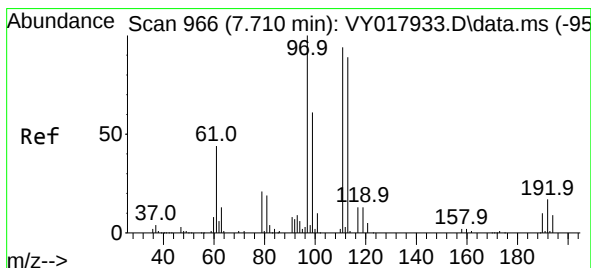
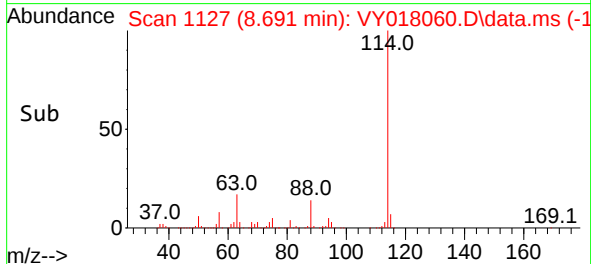
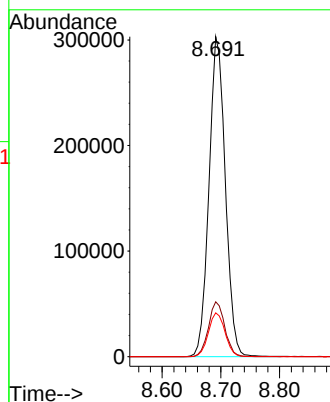
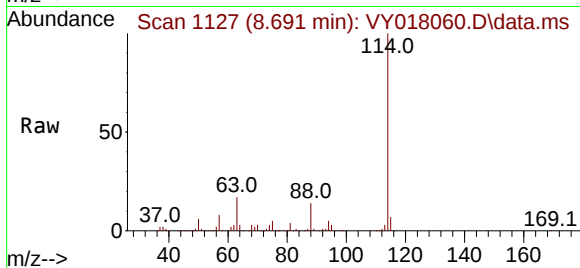
Tgt Ion:114 Resp: 585323

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.364 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

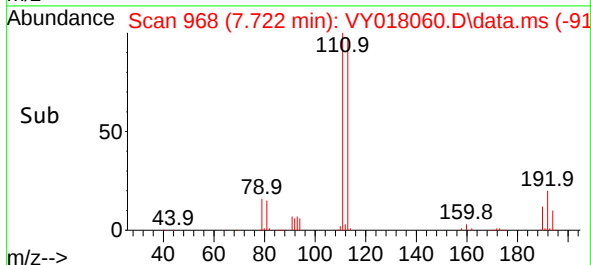
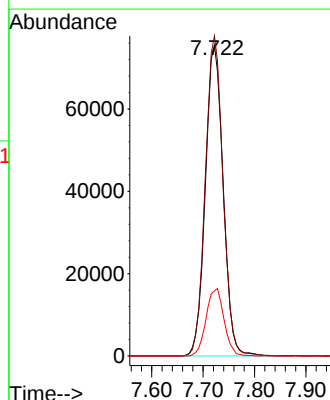
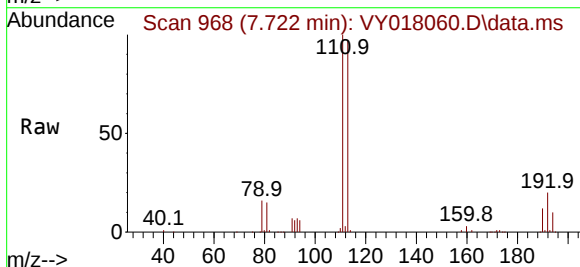
Tgt Ion:113 Resp: 181869

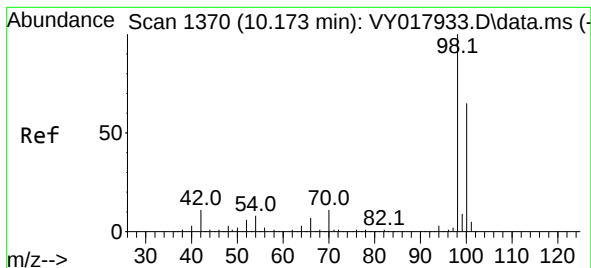
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 21.8 15.9 23.9





#50

Toluene-d8

Concen: 49.592 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

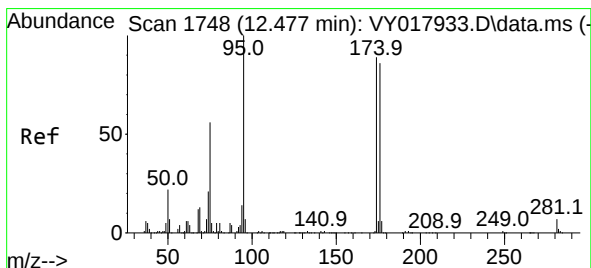
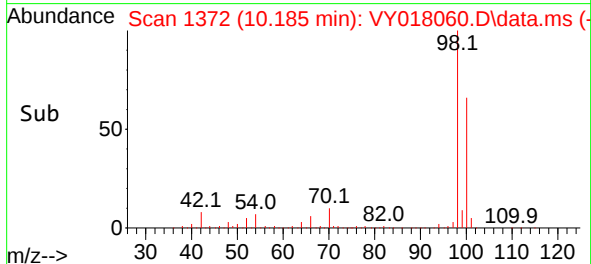
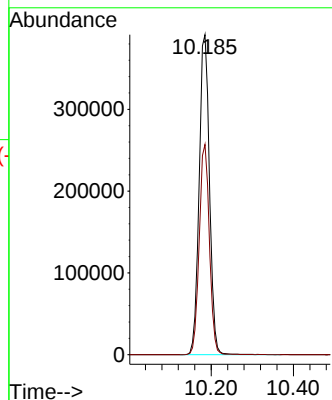
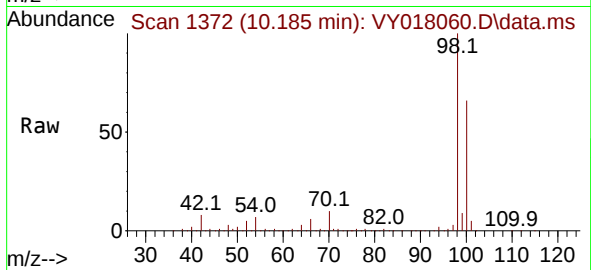
RT-3860

Tgt Ion: 98 Resp: 679518

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.600 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

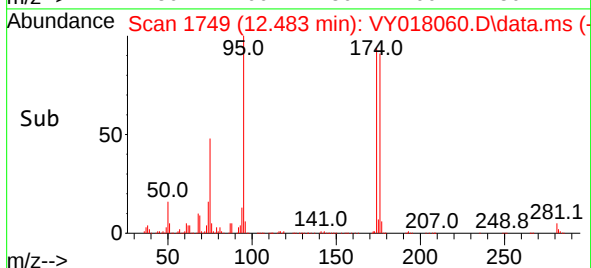
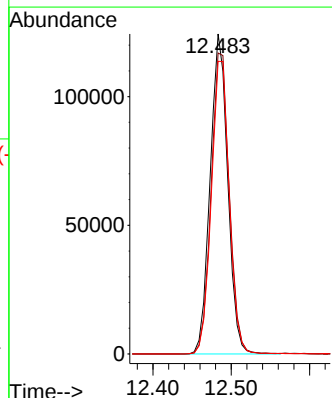
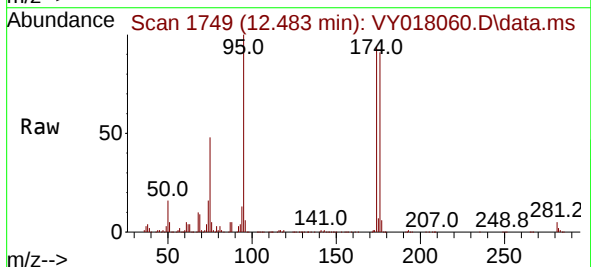
Tgt Ion: 95 Resp: 193508

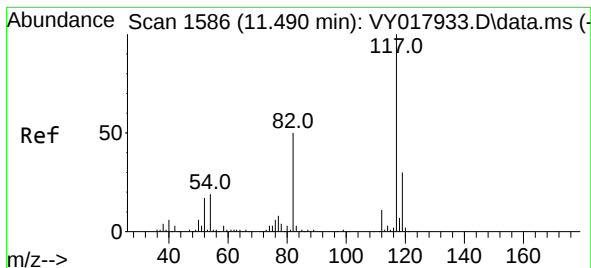
Ion Ratio Lower Upper

95 100

174 97.3 0.0 175.6

176 93.5 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: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

RT-3860

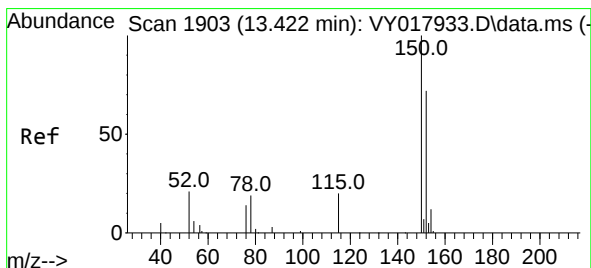
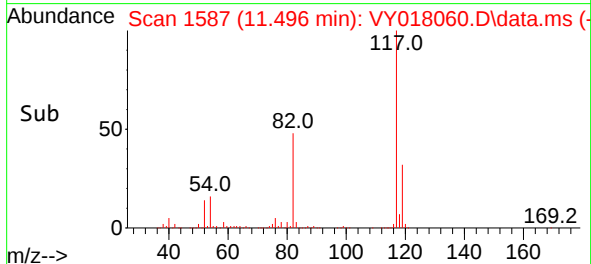
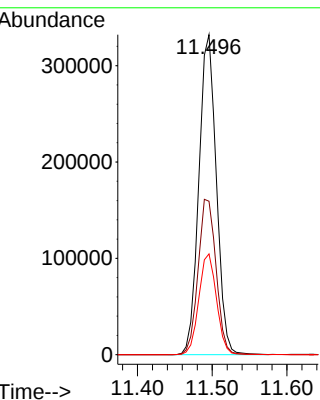
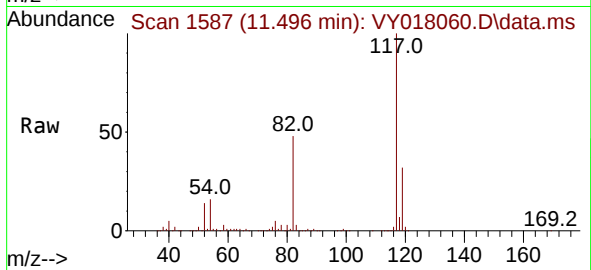
Tgt Ion:117 Resp: 539767

Ion Ratio Lower Upper

117 100

82 47.9 42.4 63.6

119 31.5 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: VY018060.D

Acq: 26 Apr 2024 14:15

Tgt Ion:152 Resp: 220145

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 157.1 0.0 345.6

