

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018045.D
 Acq On : 25 Apr 2024 12:47
 Operator : SY/MD
 Sample : P2262-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-04242024

Quant Time: Apr 26 02:00:29 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	28204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	21568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8384	34.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.700%
35) Dibromofluoromethane	7.716	113	10647	50.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.185	98	35462	44.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.540%
62) 4-Bromofluorobenzene	12.483	95	5619	22.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.300%

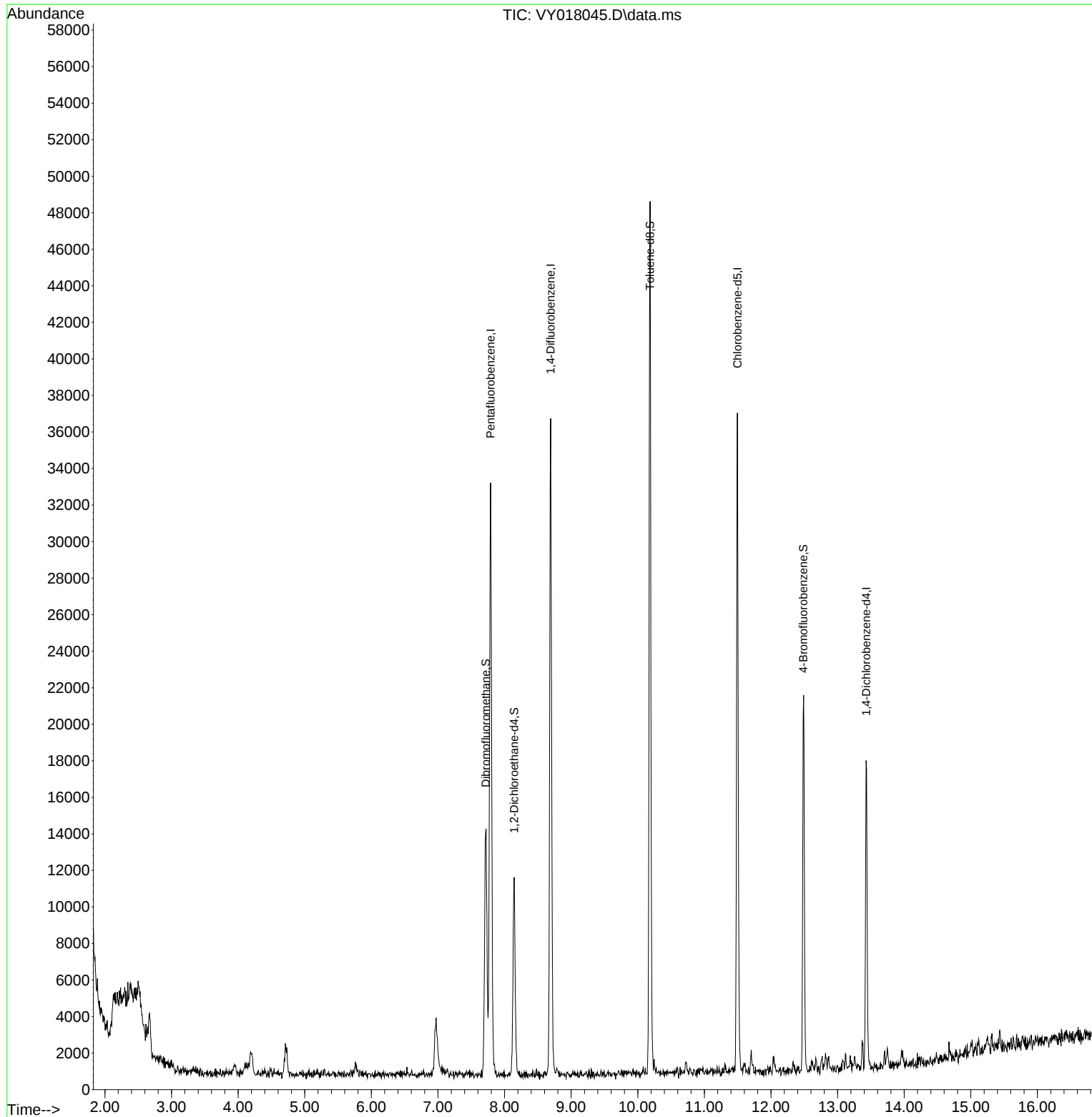
Target Compounds	Qvalue

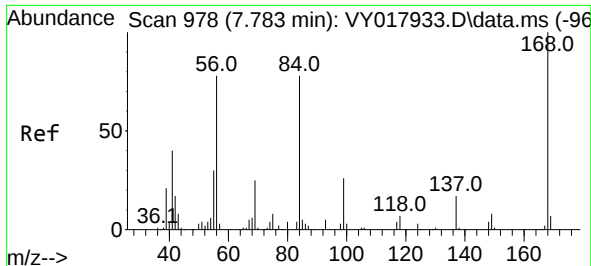
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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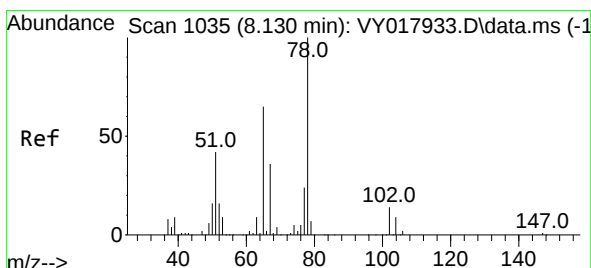
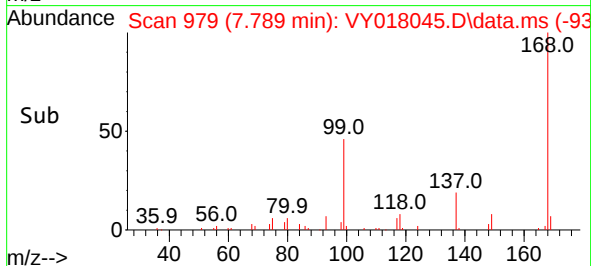
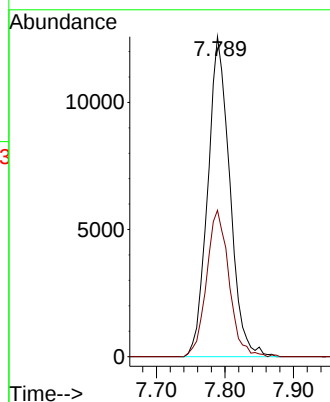
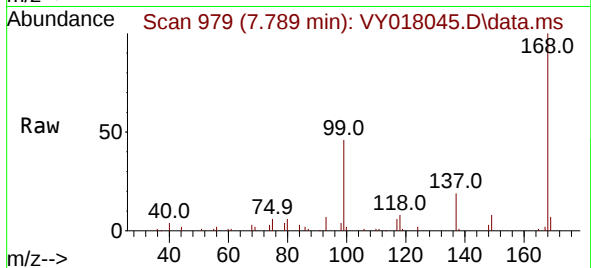




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018045.D
Acq: 25 Apr 2024 12:47

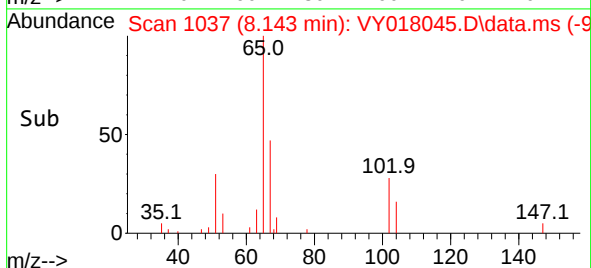
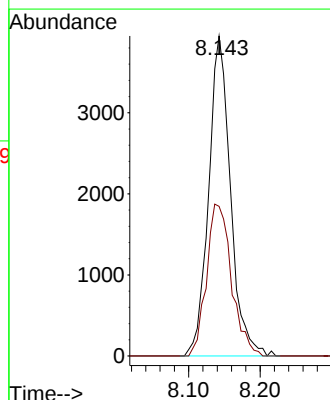
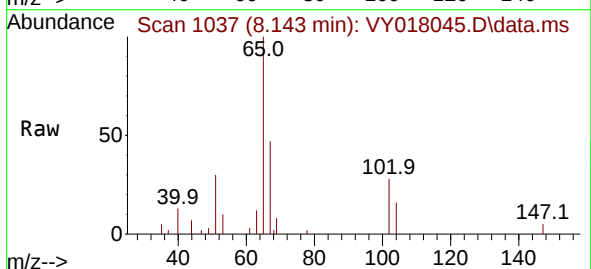
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-04242024

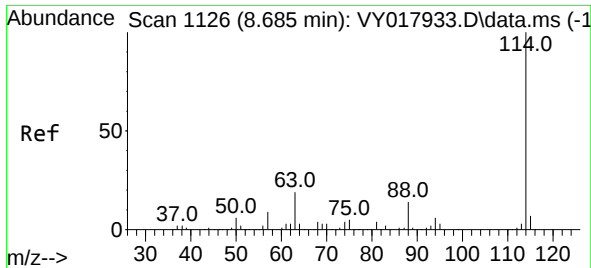
Tgt Ion:168 Resp: 28204
Ion Ratio Lower Upper
168 100
99 45.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.351 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018045.D
Acq: 25 Apr 2024 12:47

Tgt Ion: 65 Resp: 8384
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

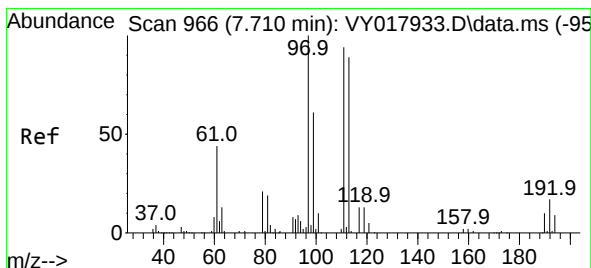
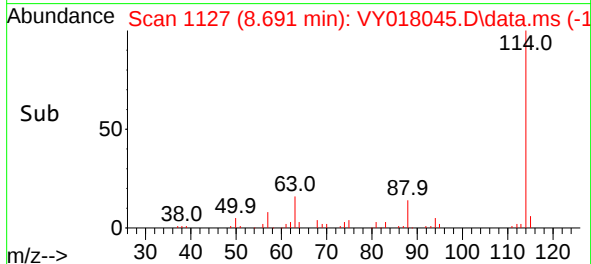
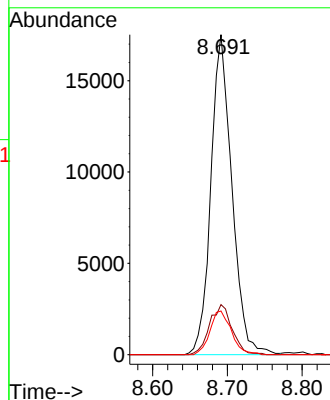
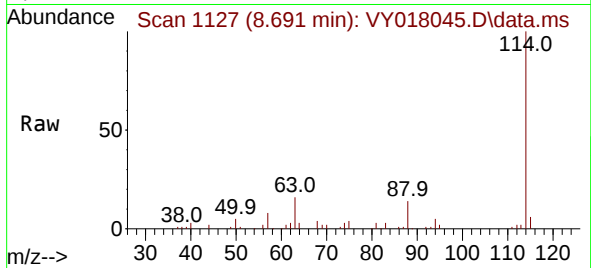




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018045.D
Acq: 25 Apr 2024 12:47

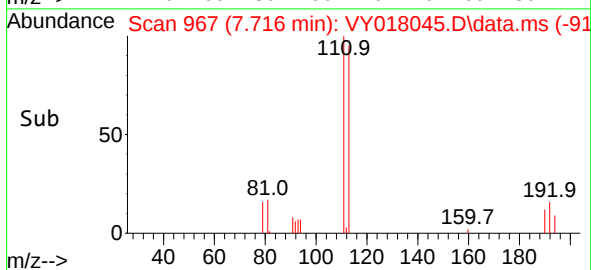
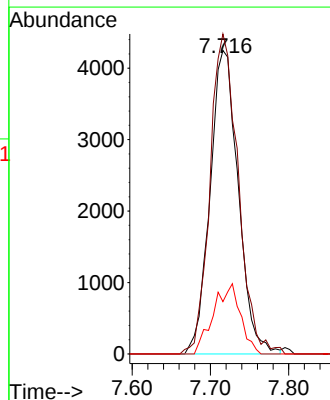
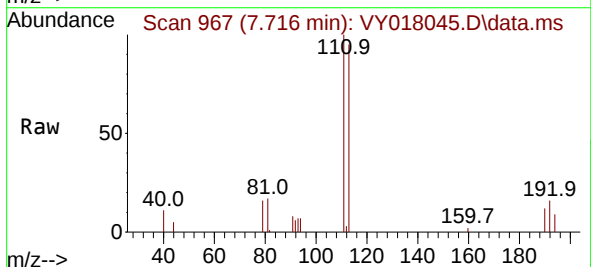
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-04242024

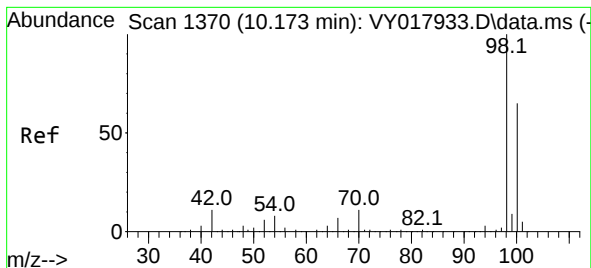
Tgt Ion:114 Resp: 34218
Ion Ratio Lower Upper
114 100
63 15.7 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018045.D
Acq: 25 Apr 2024 12:47

Tgt Ion:113 Resp: 10647
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 22.2 15.9 23.9





#50

Toluene-d8

Concen: 44.270 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018045.D

Acq: 25 Apr 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

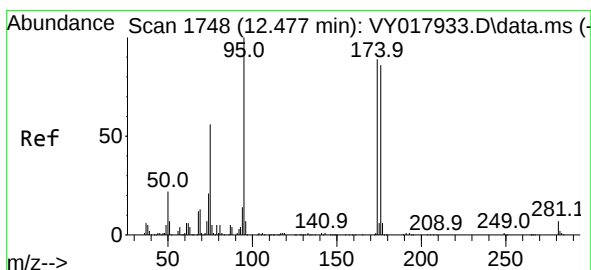
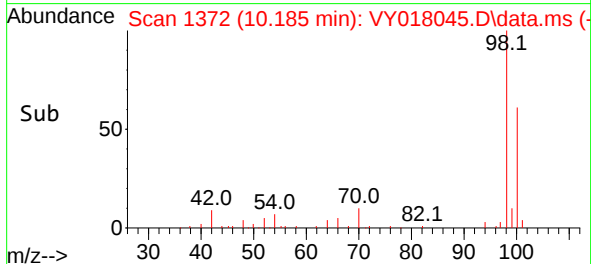
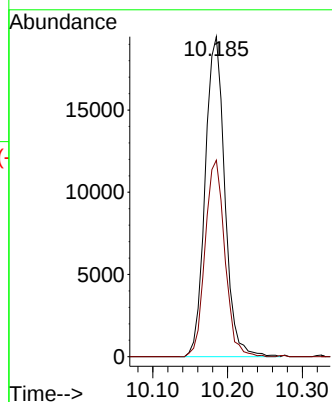
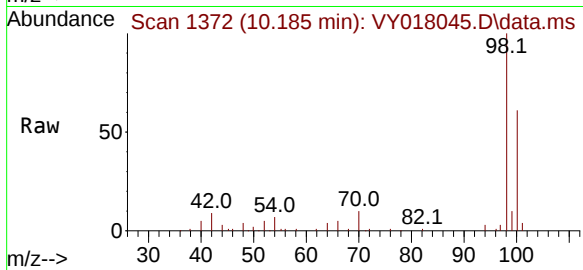
HR-04-04242024

Tgt Ion: 98 Resp: 35462

Ion Ratio Lower Upper

98 100

100 61.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.650 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018045.D

Acq: 25 Apr 2024 12:47

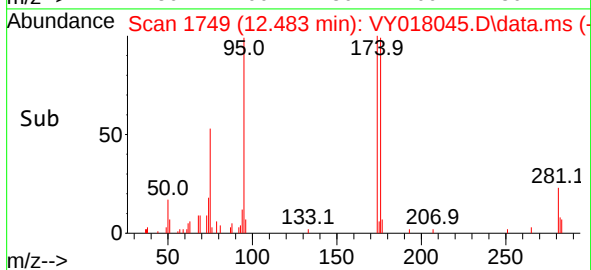
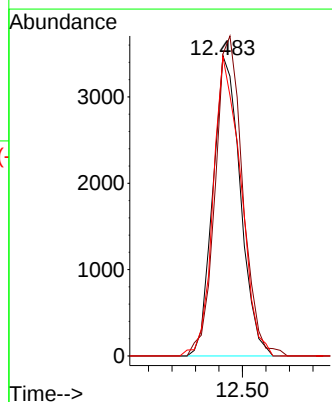
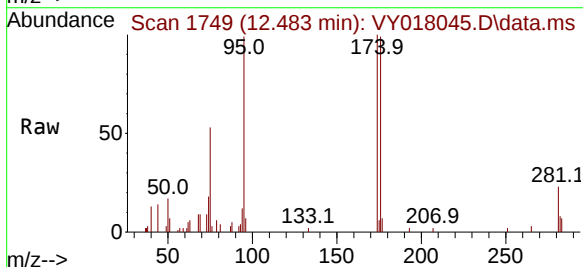
Tgt Ion: 95 Resp: 5619

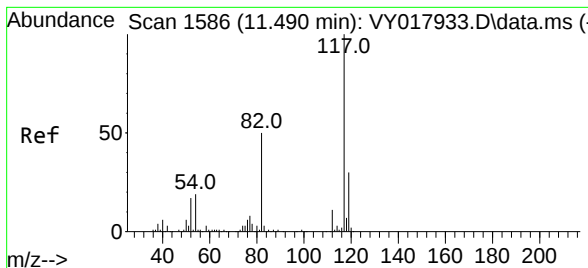
Ion Ratio Lower Upper

95 100

174 106.8 0.0 175.6

176 100.5 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: VY018045.D

Acq: 25 Apr 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-04242024

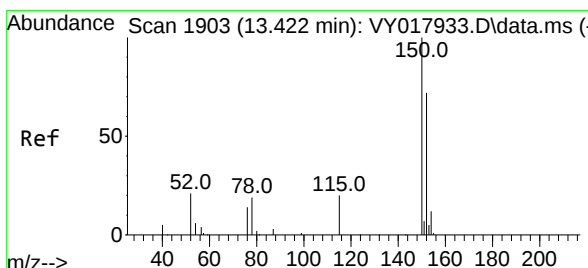
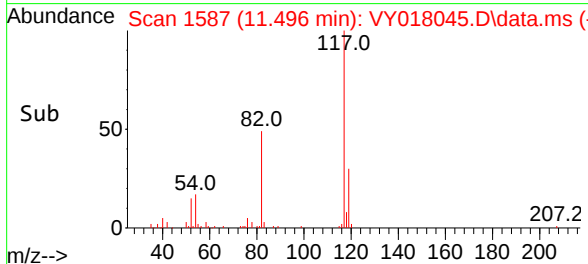
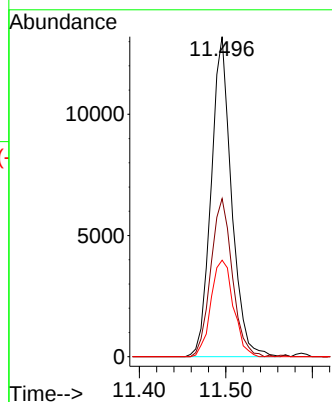
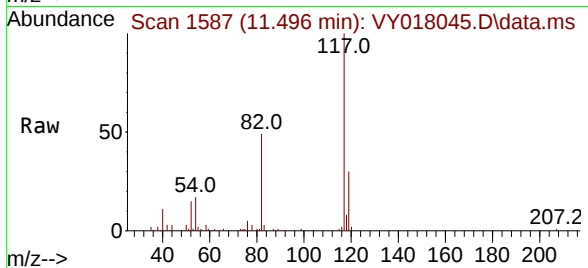
Tgt Ion:117 Resp: 21568

Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

119 30.2 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: VY018045.D

Acq: 25 Apr 2024 12:47

Tgt Ion:152 Resp: 5220

Ion Ratio Lower Upper

152 100

115 52.0 28.2 84.7

150 157.5 0.0 345.6

