

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018791.D
 Acq On : 12 Jul 2024 12:37
 Operator : SY/MD
 Sample : P3223-02
 Misc : 7.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-CAP

Quant Time: Jul 12 23:36:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1669	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	338	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	950	55.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.710	113	751	43.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.080%
50) Toluene-d8	10.179	98	2502	38.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.580%
62) 4-Bromofluorobenzene	12.483	95	465	20.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.680%

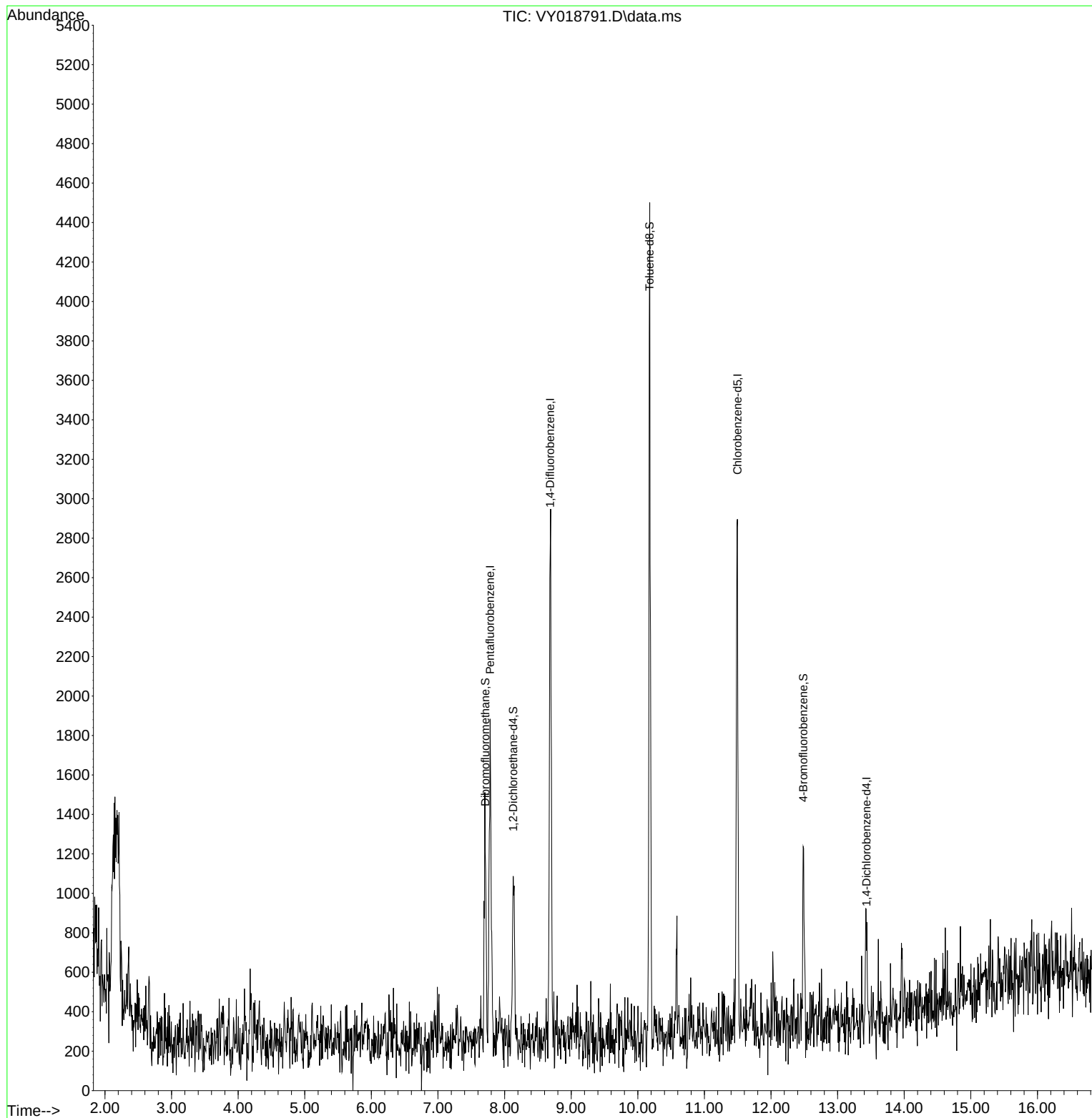
Target Compounds	Qvalue

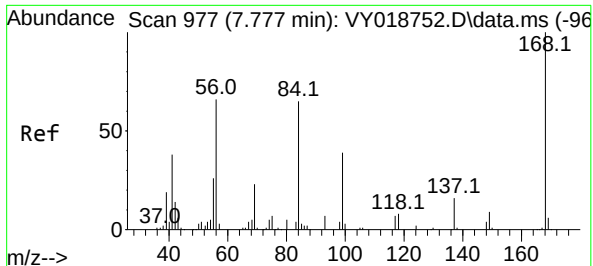
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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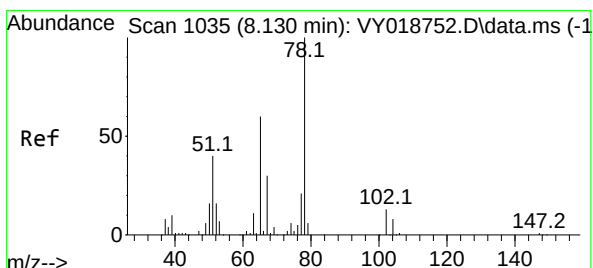
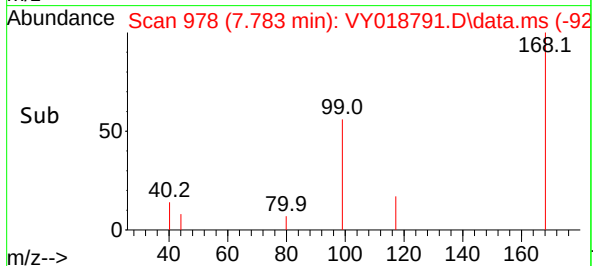
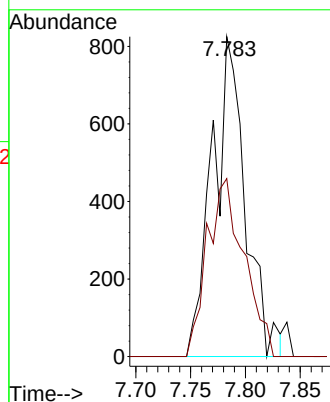
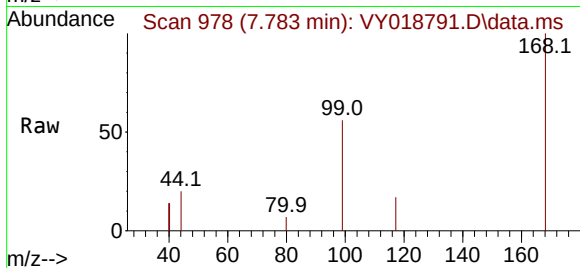




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018791.D
Acq: 12 Jul 2024 12:37

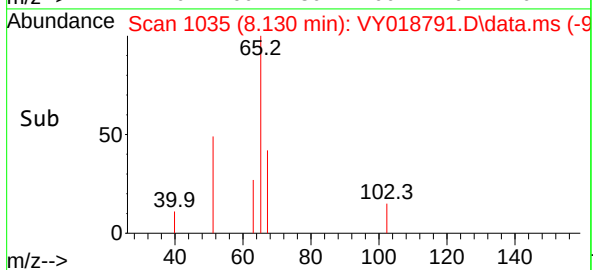
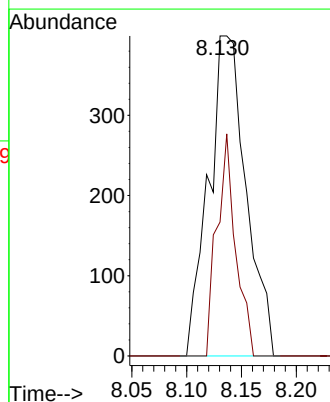
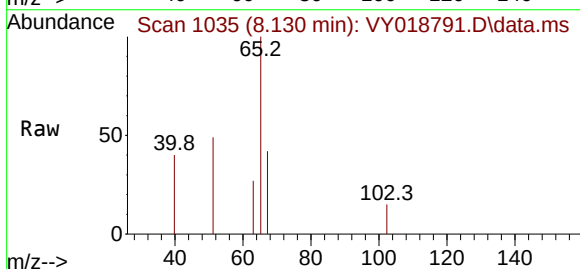
Instrument :
MSVOA_Y
ClientSampleId :
PILE-CAP

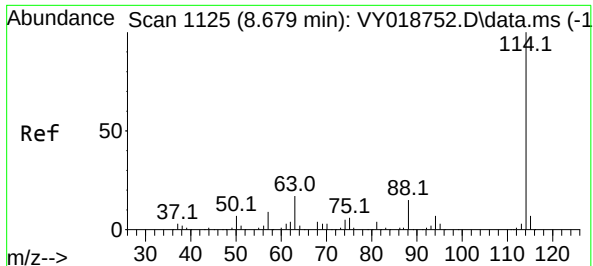
Tgt Ion:168 Resp: 1724
Ion Ratio Lower Upper
168 100
99 55.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.999 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018791.D
Acq: 12 Jul 2024 12:37

Tgt Ion: 65 Resp: 950
Ion Ratio Lower Upper
65 100
67 34.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

PILE-CAP

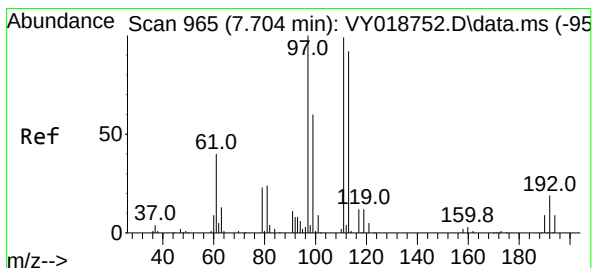
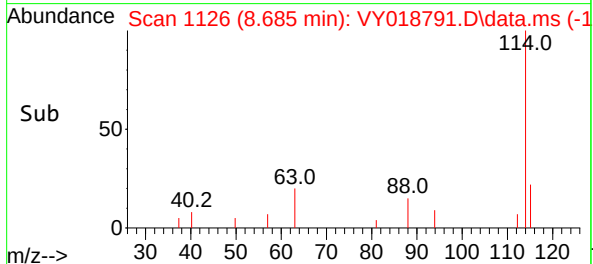
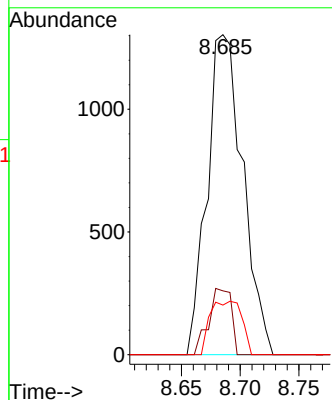
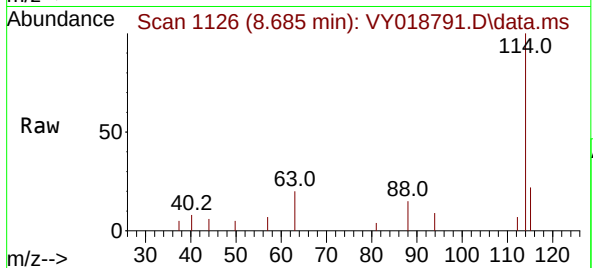
Tgt Ion:114 Resp: 2754

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.539 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

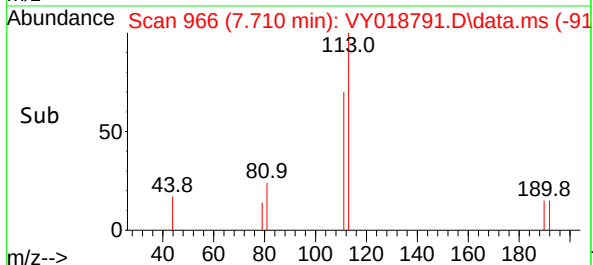
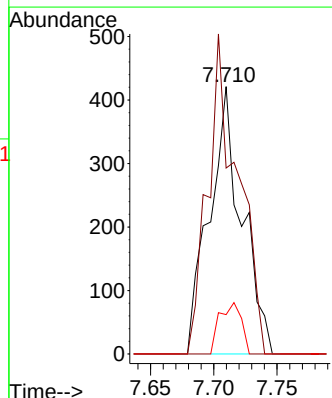
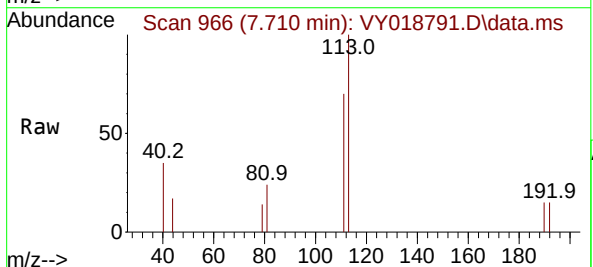
Tgt Ion:113 Resp: 751

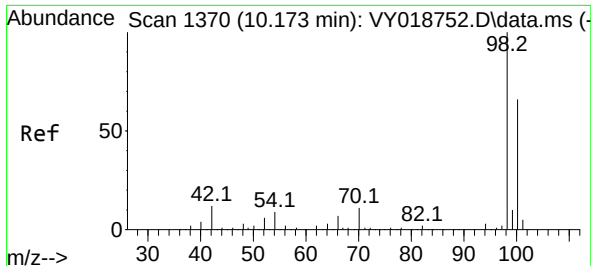
Ion Ratio Lower Upper

113 100

111 110.7 82.2 123.4

192 12.9 15.9 23.9#





#50

Toluene-d8

Concen: 38.287 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

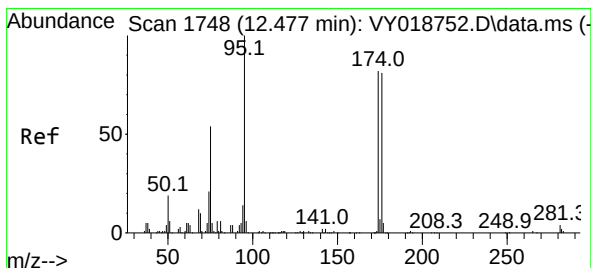
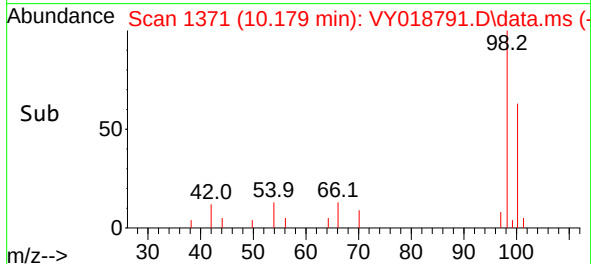
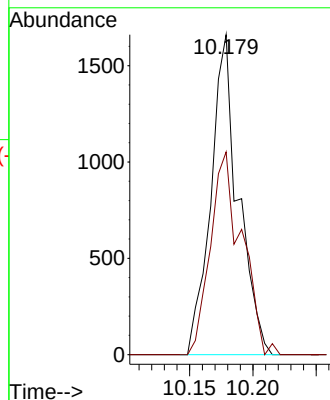
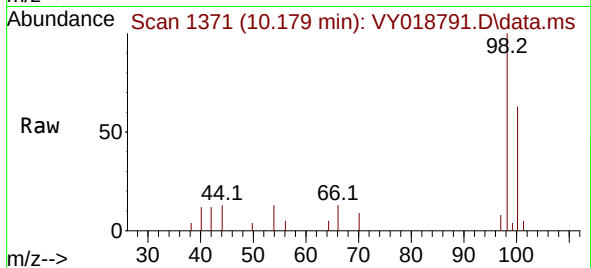
PILE-CAP

Tgt Ion: 98 Resp: 2502

Ion Ratio Lower Upper

98 100

100 72.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 20.836 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

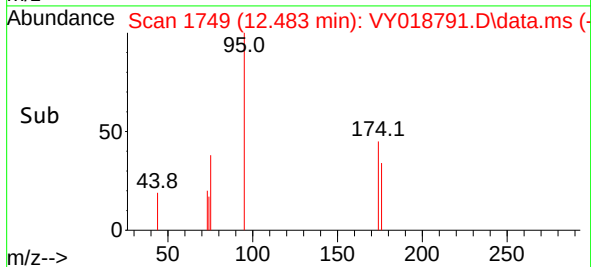
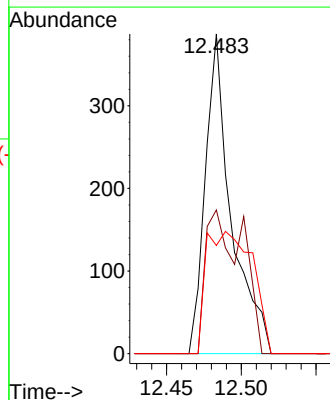
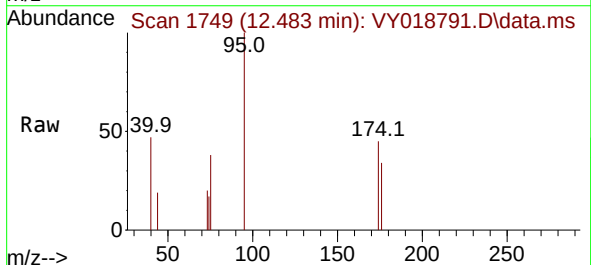
Tgt Ion: 95 Resp: 465

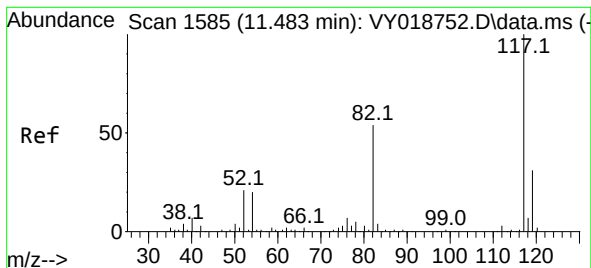
Ion Ratio Lower Upper

95 100

174 63.9 0.0 175.6

176 68.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

PILE-CAP

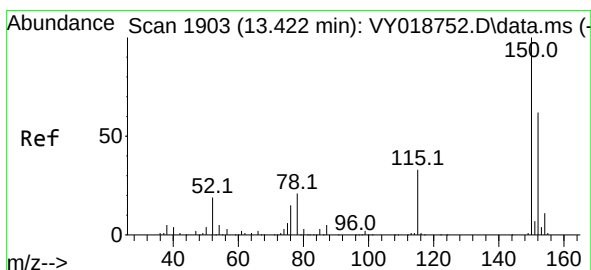
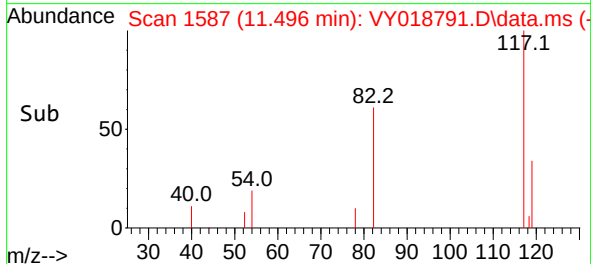
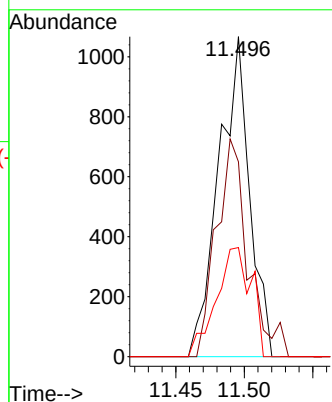
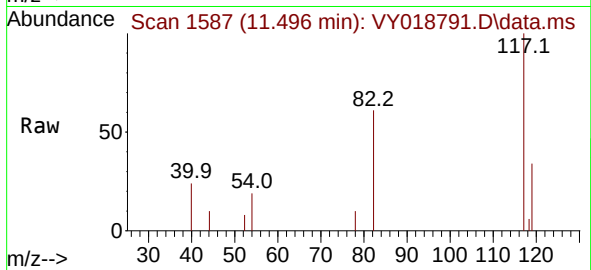
Tgt Ion:117 Resp: 1669

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 34.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY018791.D

Acq: 12 Jul 2024 12:37

Tgt Ion:152 Resp: 338

Ion Ratio Lower Upper

152 100

115 23.4 28.2 84.7#

150 108.3 0.0 345.6

