

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017290.D
 Acq On : 07 Feb 2024 15:37
 Operator : SY/MD
 Sample : P1375-01
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 08 01:43:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	130953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38319	56.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.716	113	36014	44.766	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.185	98	130198	44.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.483	95	36739	38.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.580%

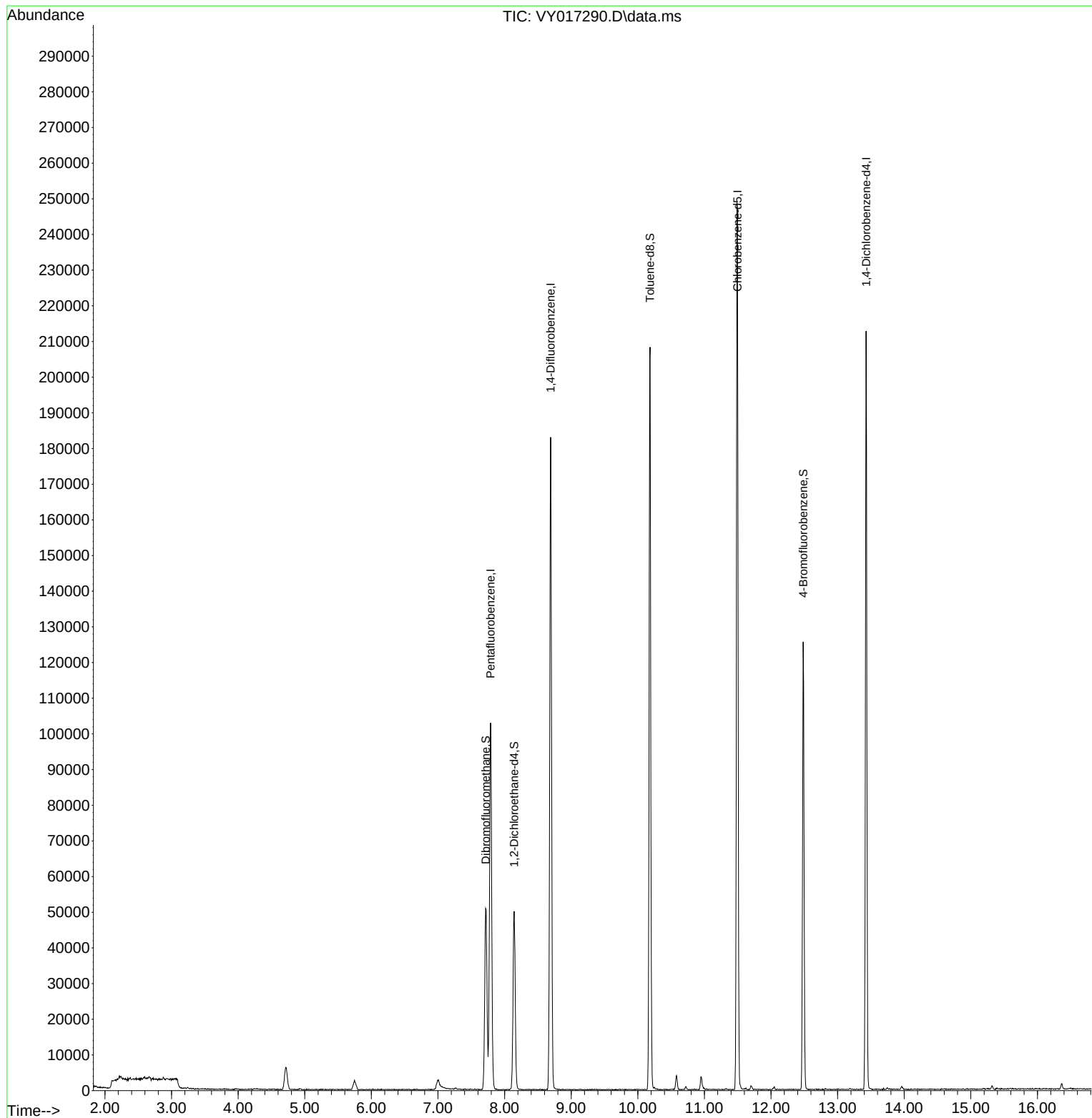
Target Compounds	Qvalue

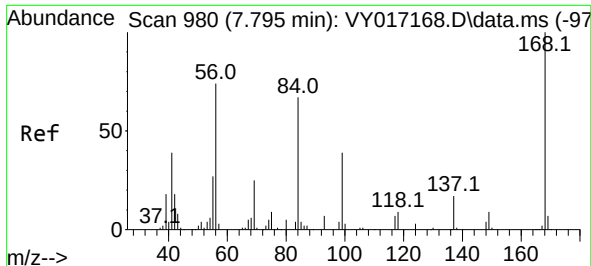
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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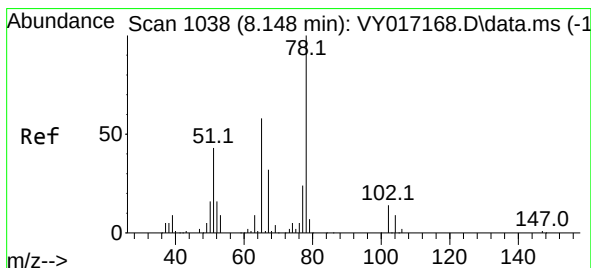
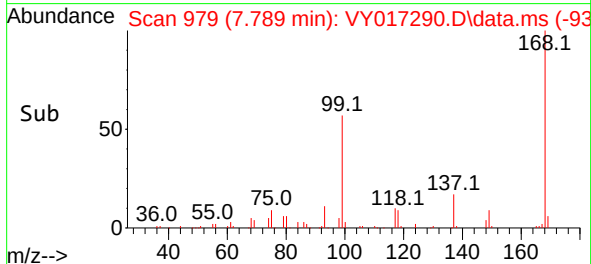
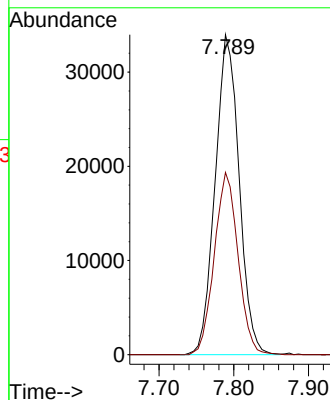
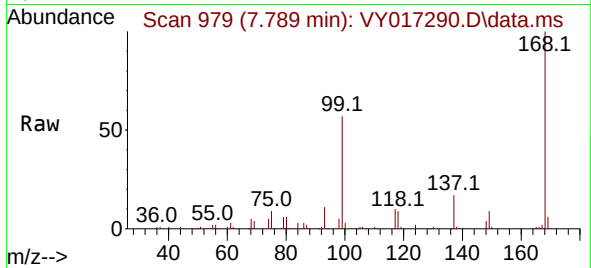




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

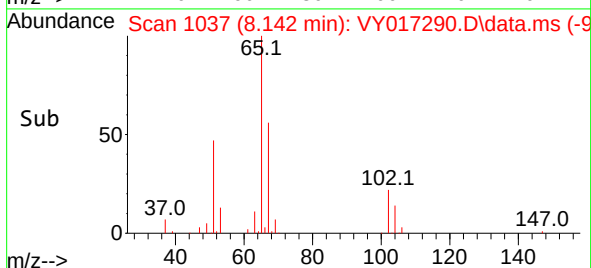
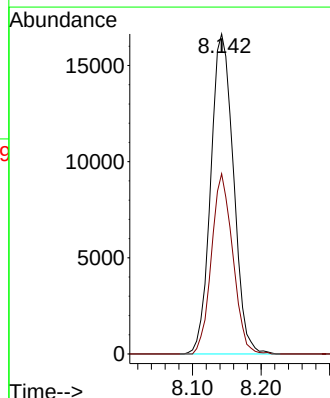
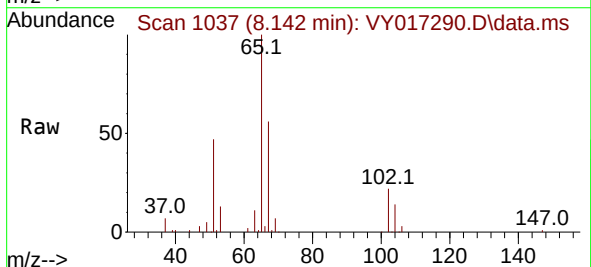
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

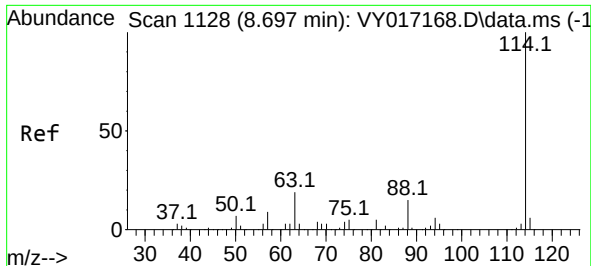
Tgt Ion:168 Resp: 75772
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.610 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion: 65 Resp: 38319
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0

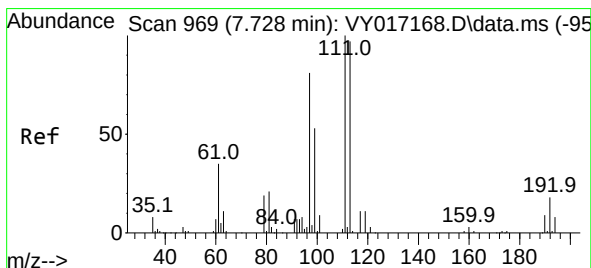
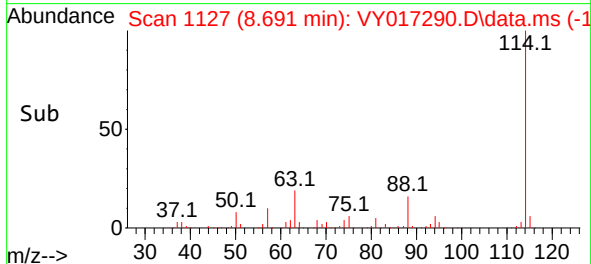
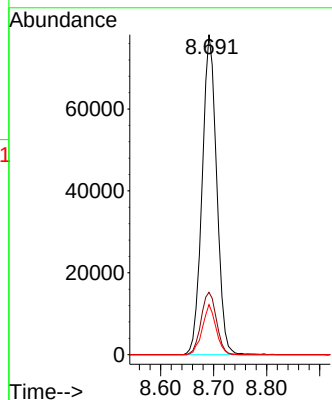
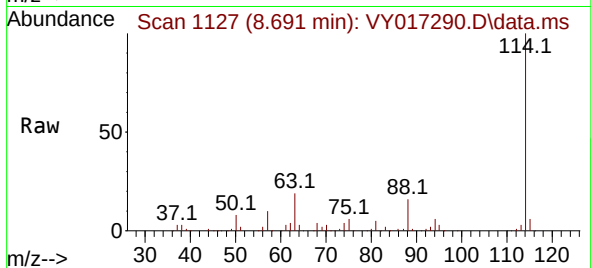




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

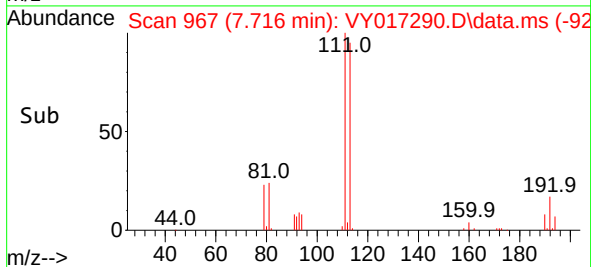
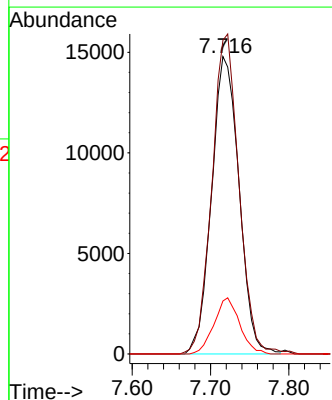
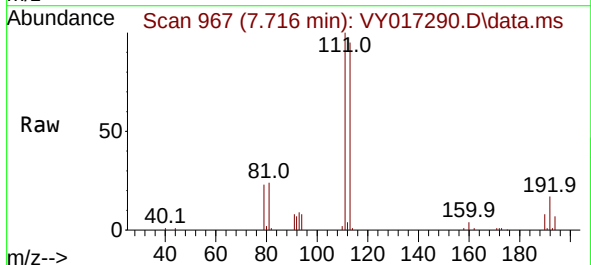
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

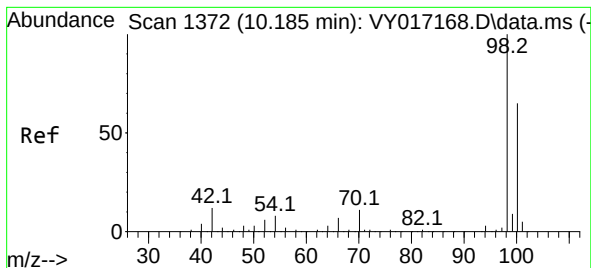
Tgt Ion:114 Resp: 148999
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 44.766 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY017290.D
Acq: 07 Feb 2024 15:37

Tgt Ion:113 Resp: 36014
Ion Ratio Lower Upper
113 100
111 105.6 83.8 125.6
192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 44.450 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

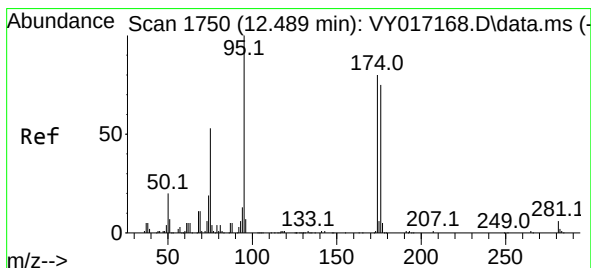
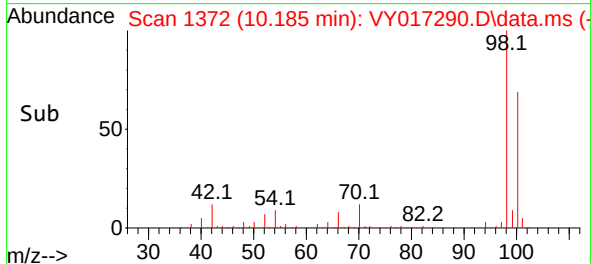
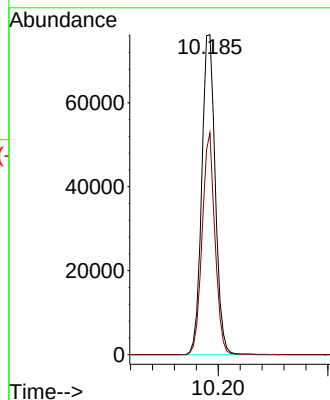
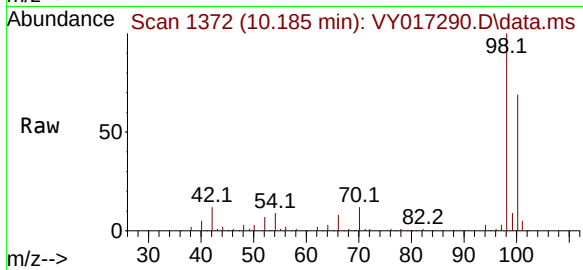
TP-1

Tgt Ion: 98 Resp: 130198

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.289 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

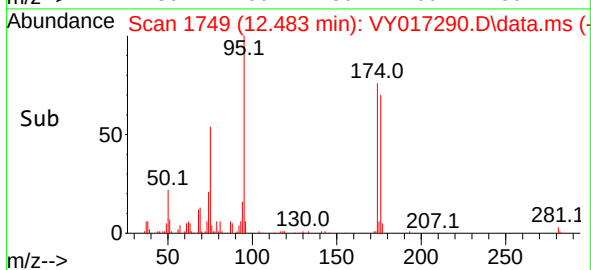
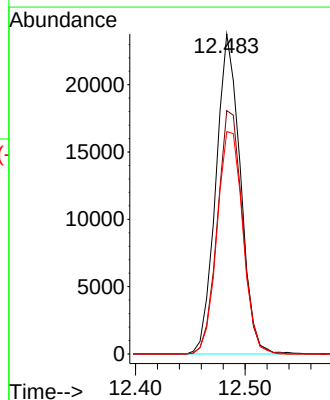
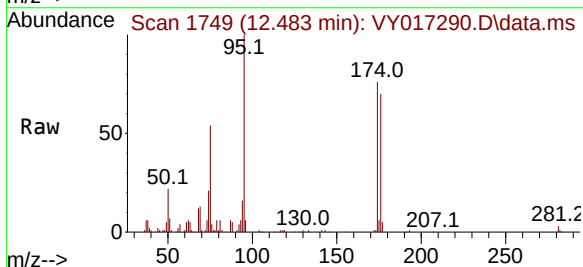
Tgt Ion: 95 Resp: 36739

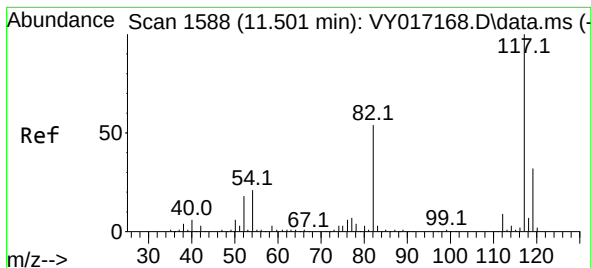
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 73.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

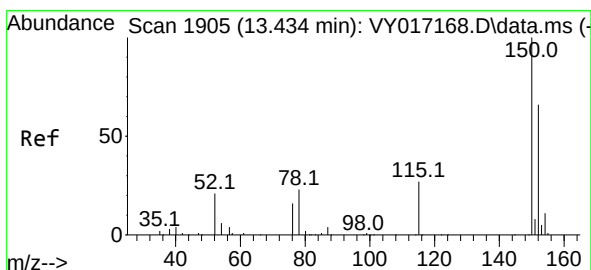
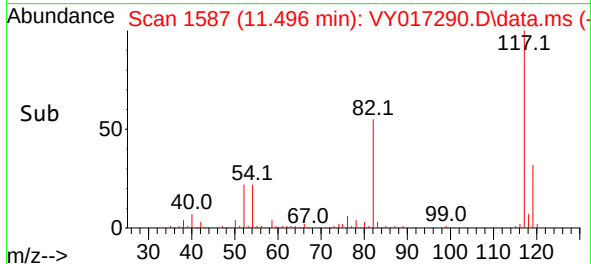
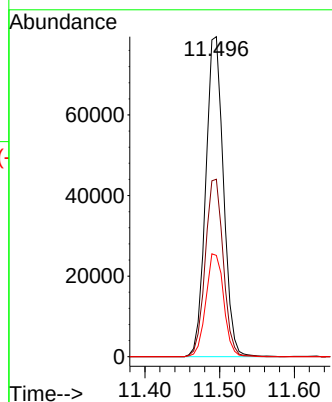
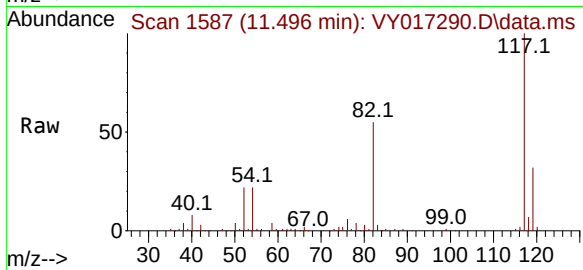
Tgt Ion:117 Resp: 130953

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 31.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017290.D

Acq: 07 Feb 2024 15:37

Tgt Ion:152 Resp: 47911

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 161.2 0.0 344.6

