

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017595.D
 Acq On : 06 Mar 2024 17:26
 Operator : SY/MD
 Sample : P1688-04
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Mar 07 02:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	111925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58833	55.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.716	113	65675	47.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.179	98	225354	46.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.483	95	62594	40.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.640%

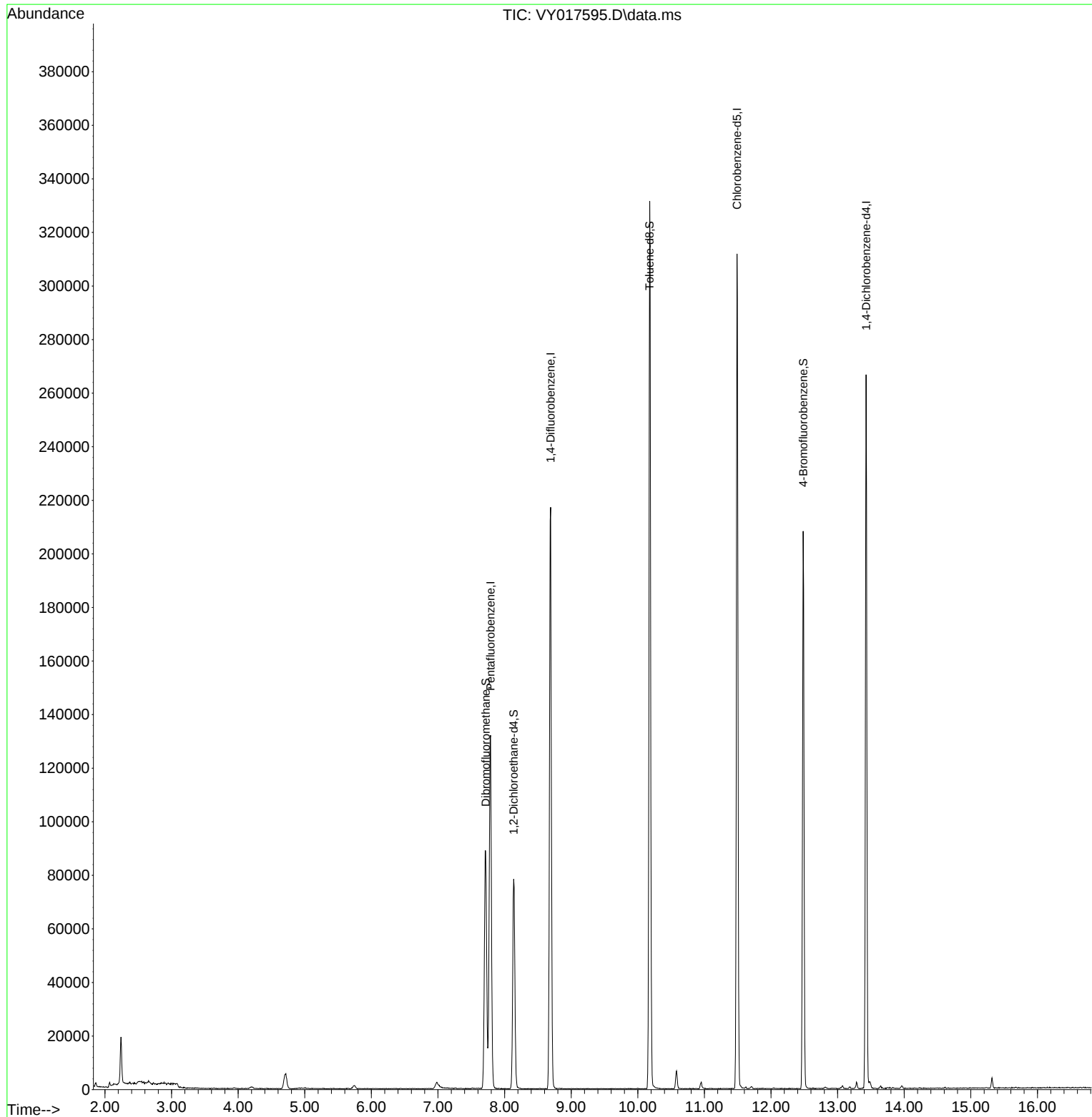
Target Compounds	Qvalue

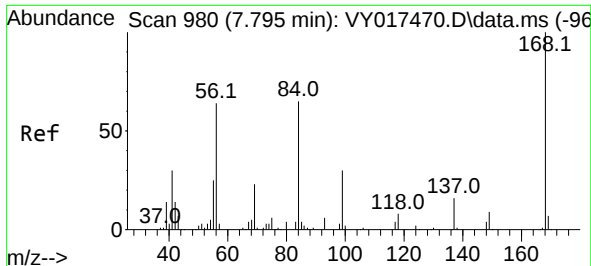
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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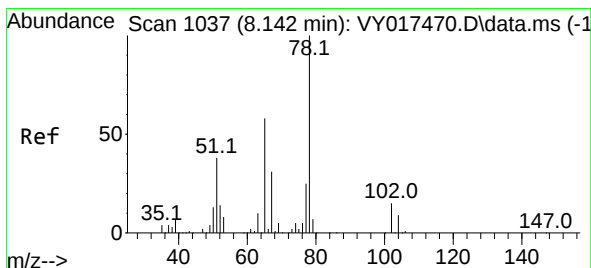
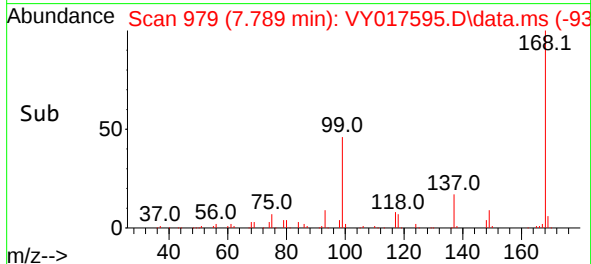
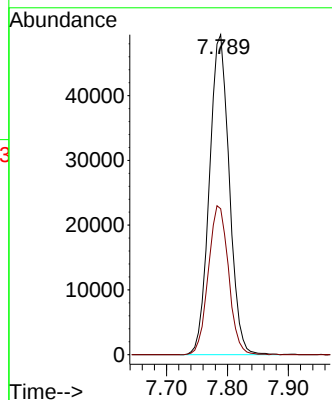
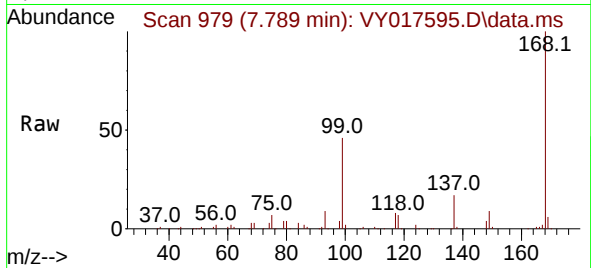




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

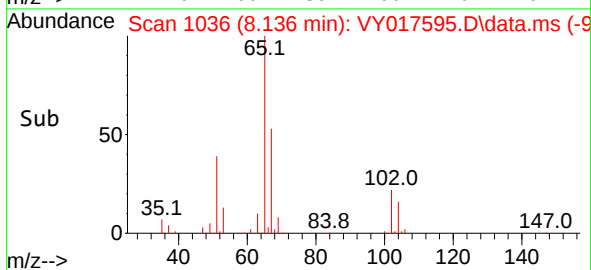
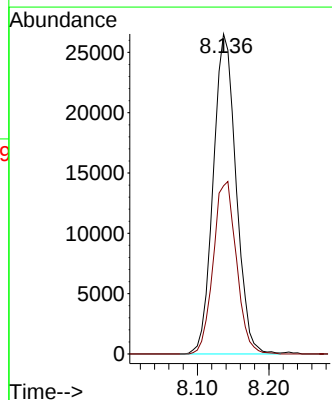
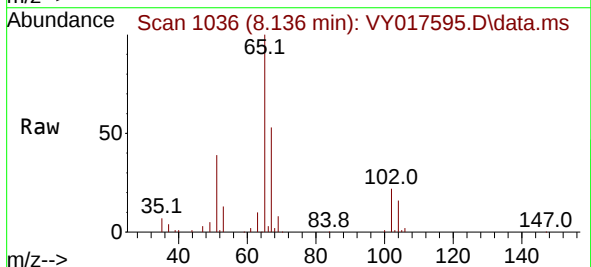
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

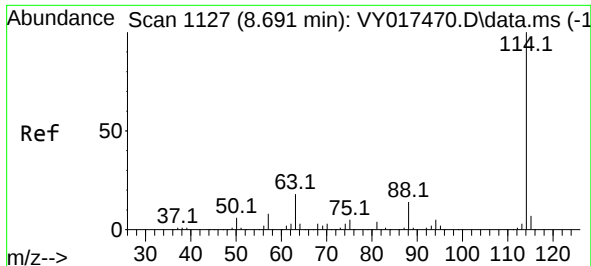
Tgt Ion:168 Resp: 111925
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.464 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 65 Resp: 58833
Ion Ratio Lower Upper
65 100
67 54.6 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: VY017595.D

Acq: 06 Mar 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

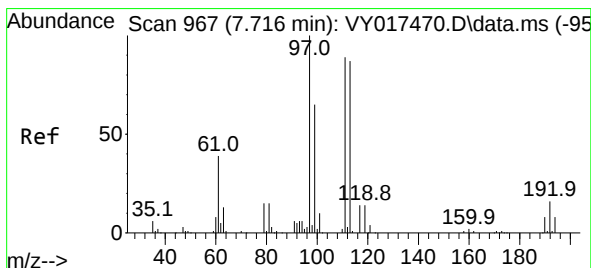
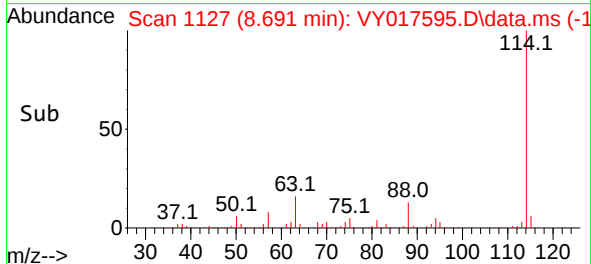
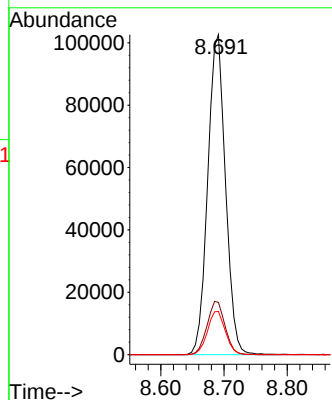
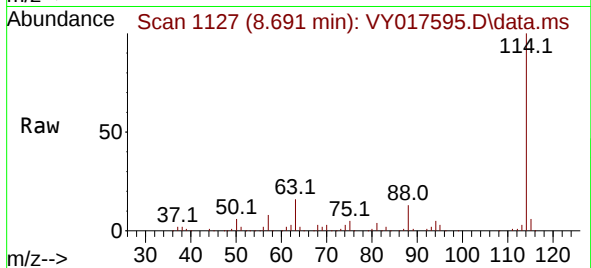
Tgt Ion:114 Resp: 200250

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.065 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017595.D

Acq: 06 Mar 2024 17:26

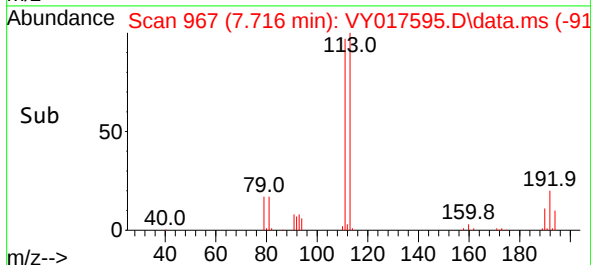
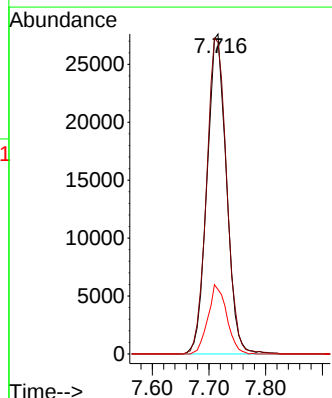
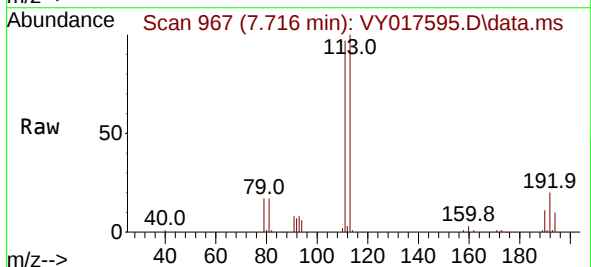
Tgt Ion:113 Resp: 65675

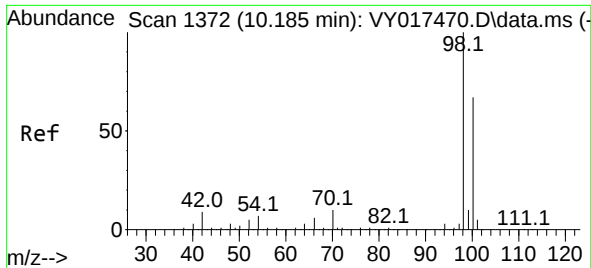
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.9 15.9 23.9

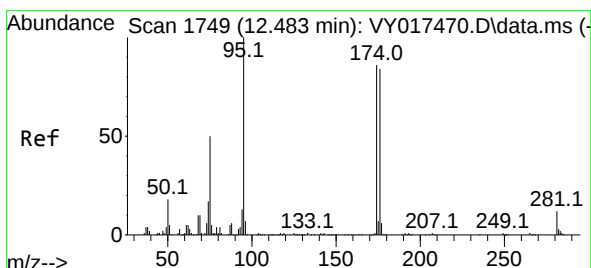
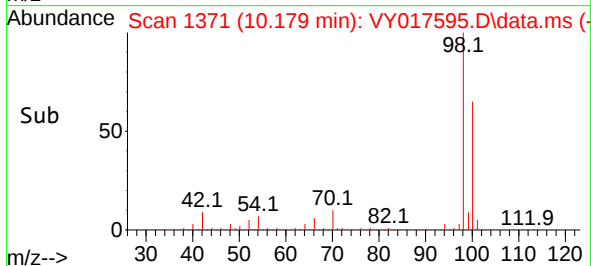
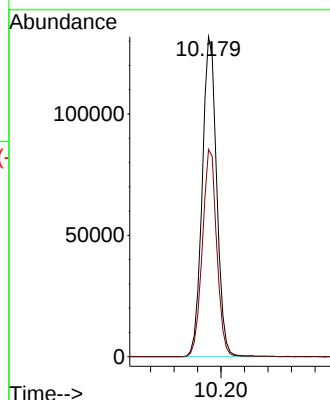
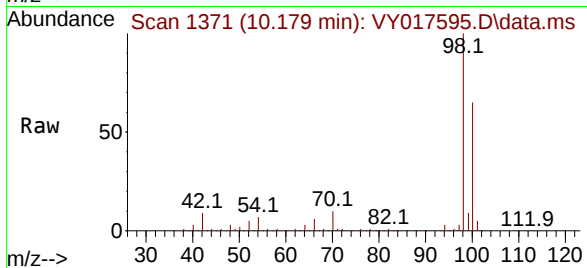




#50
Toluene-d8
Concen: 46.190 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

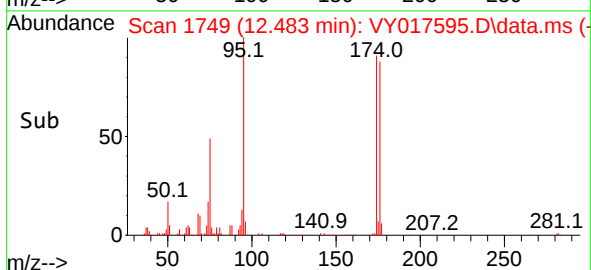
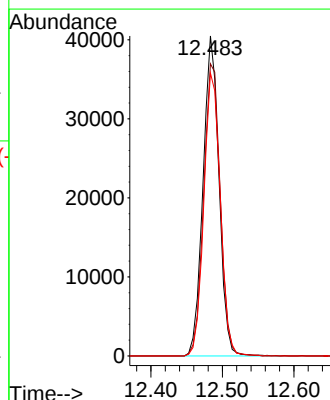
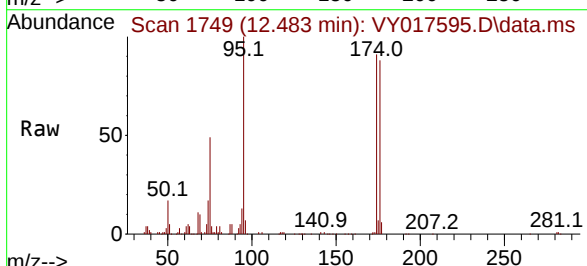
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

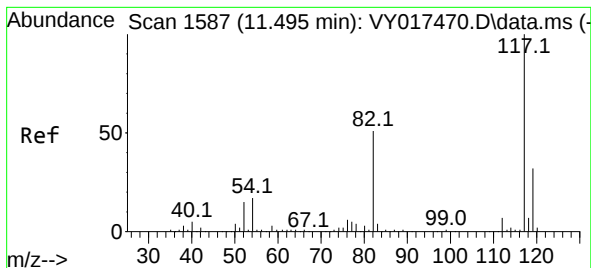
Tgt Ion: 98 Resp: 225354
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017595.D
Acq: 06 Mar 2024 17:26

Tgt Ion: 95 Resp: 62594
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 91.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017595.D

Acq: 06 Mar 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-4

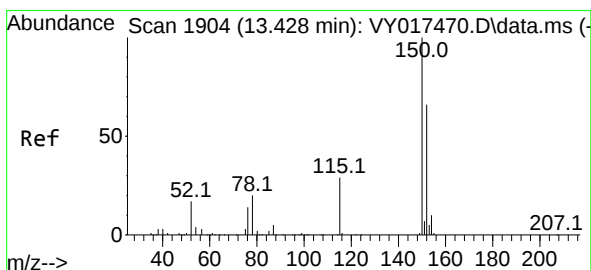
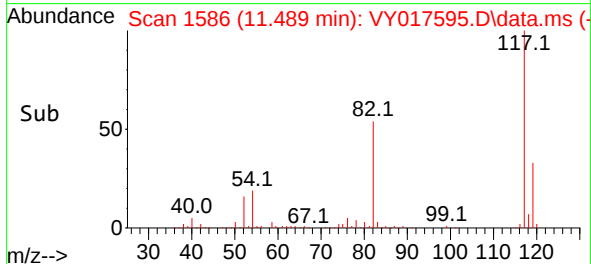
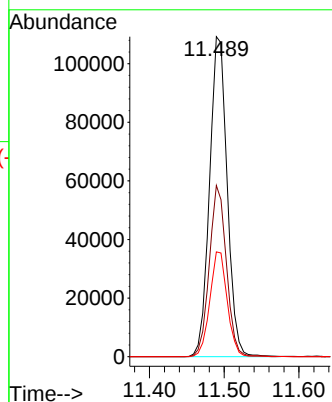
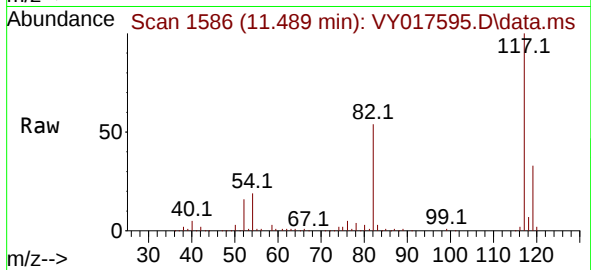
Tgt Ion:117 Resp: 178832

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

119 32.7 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: VY017595.D

Acq: 06 Mar 2024 17:26

Tgt Ion:152 Resp: 70844

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 159.0 0.0 345.6

