

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019337.D
 Acq On : 28 Aug 2024 18:07
 Operator : SY/MD
 Sample : P3767-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-5-COMPOSITE

Quant Time: Aug 29 01:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	23835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	36125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	24239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	9240	38.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.340%
35) Dibromofluoromethane	7.622	113	10226	43.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.580%
50) Toluene-d8	10.103	98	37001	43.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.402	95	7278	25.116	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.240%

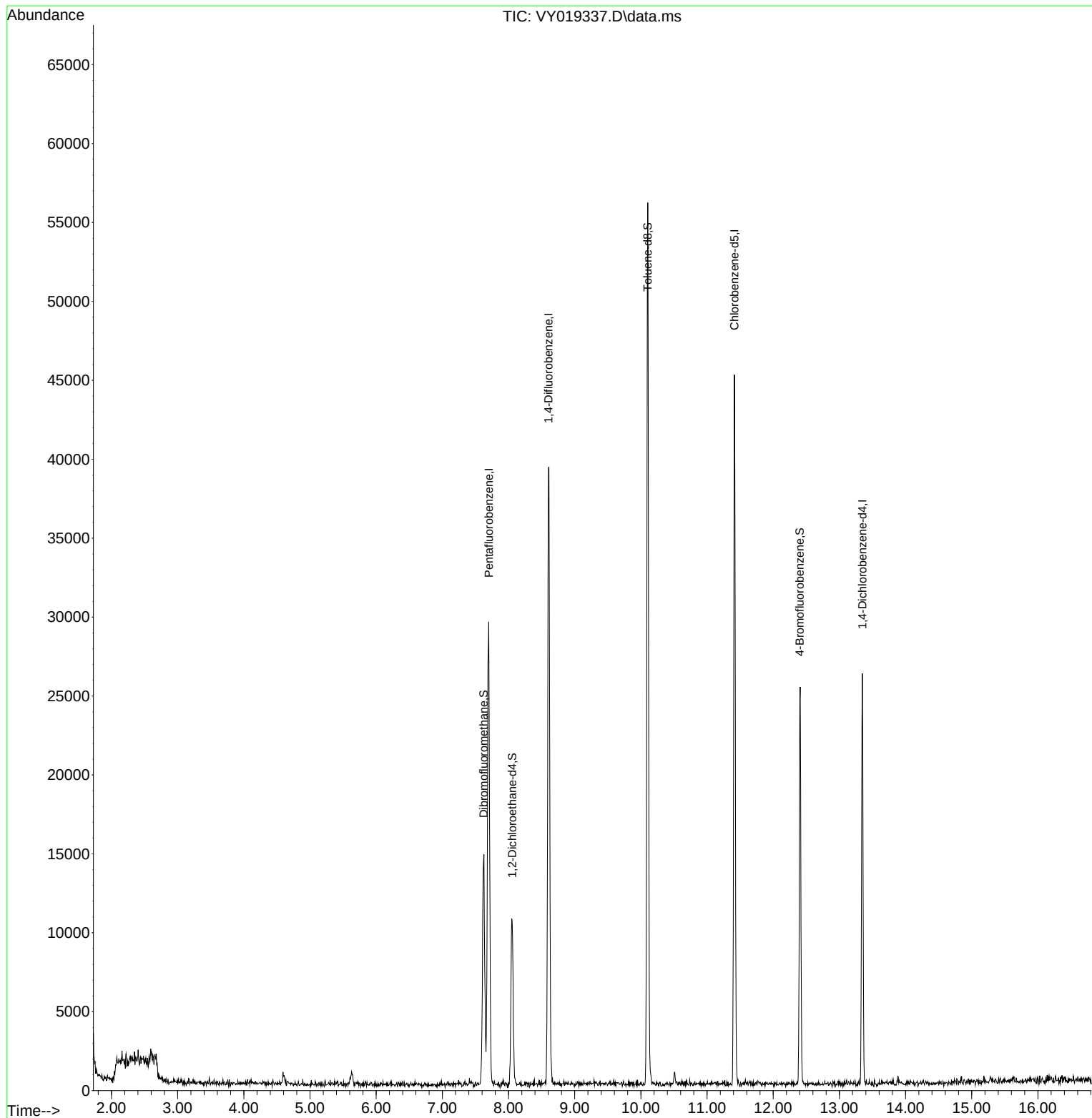
Target Compounds	Qvalue

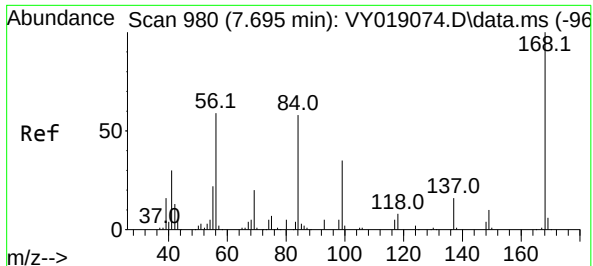
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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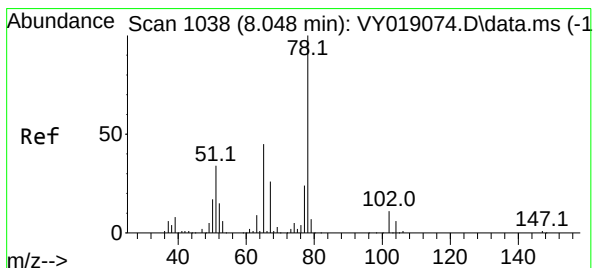
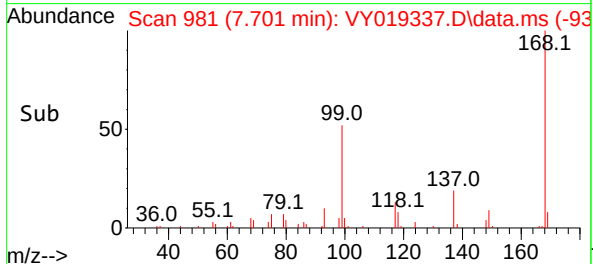
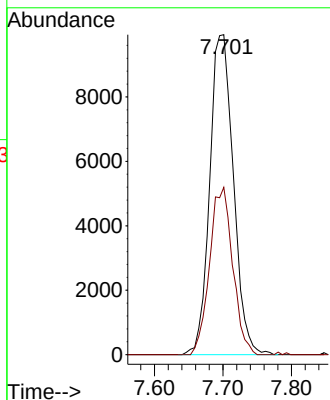
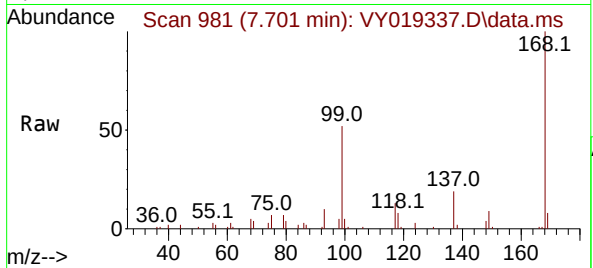




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

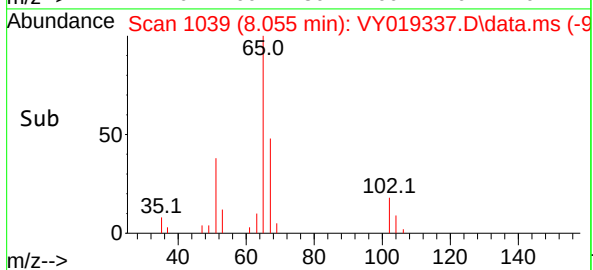
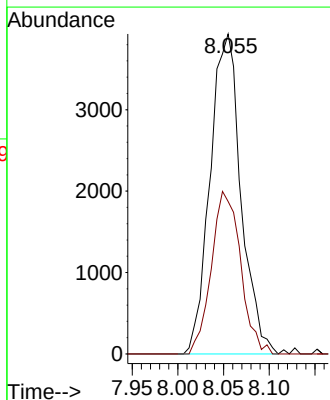
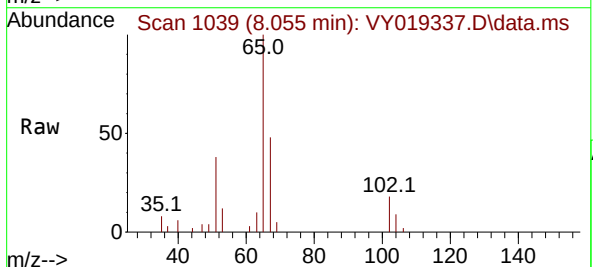
Instrument :
MSVOA_Y
ClientSampleId :
P-5-COMPOSITE

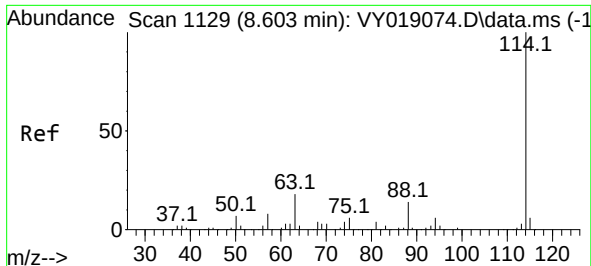
Tgt Ion:168 Resp: 23835
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.673 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019337.D
Acq: 28 Aug 2024 18:07

Tgt Ion: 65 Resp: 9240
Ion Ratio Lower Upper
65 100
67 48.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

P-5-COMPOSITE

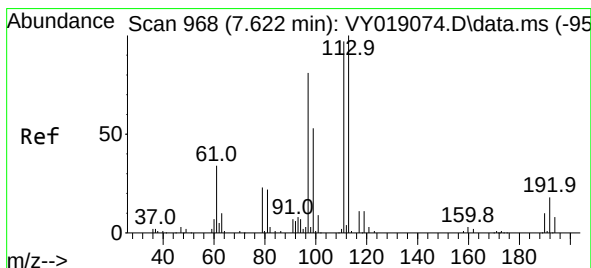
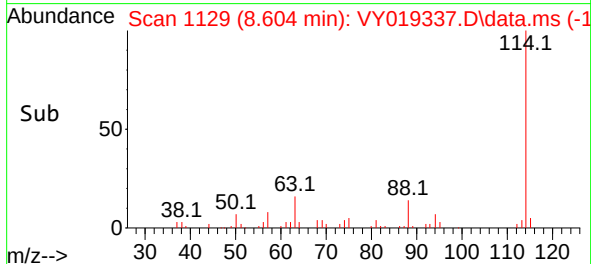
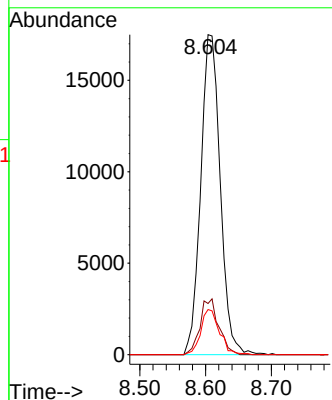
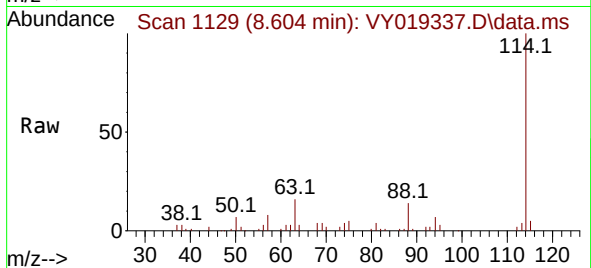
Tgt Ion:114 Resp: 36125

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.293 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

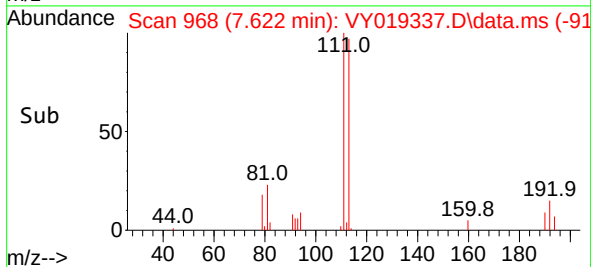
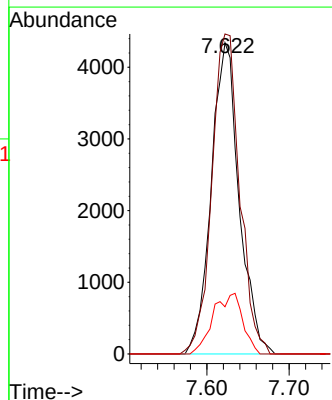
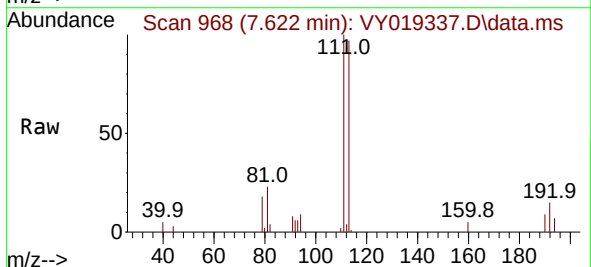
Tgt Ion:113 Resp: 10226

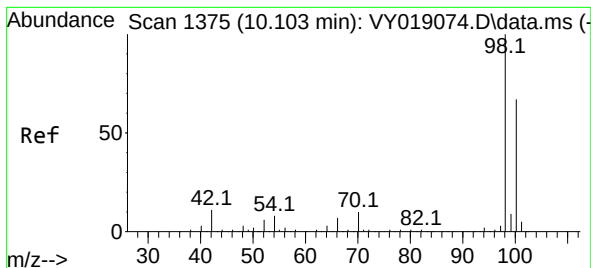
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.7 15.9 23.9





#50

Toluene-d8

Concen: 43.529 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

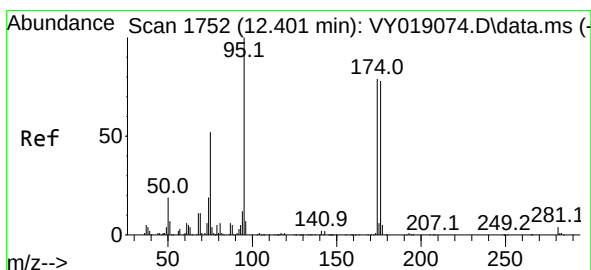
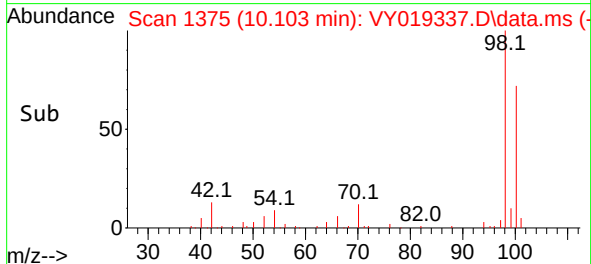
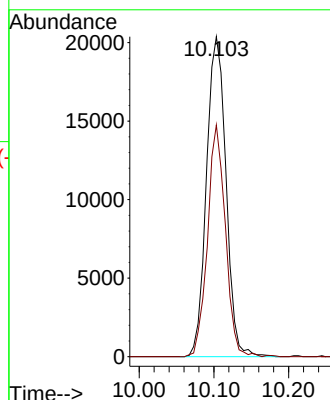
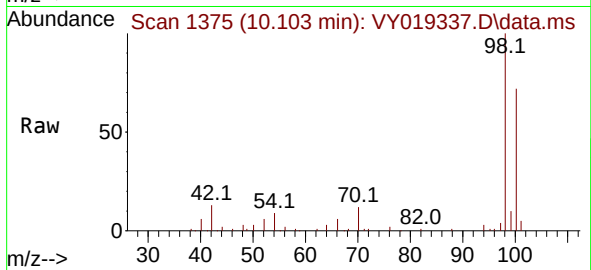
P-5-COMPOSITE

Tgt Ion: 98 Resp: 37001

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 25.116 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

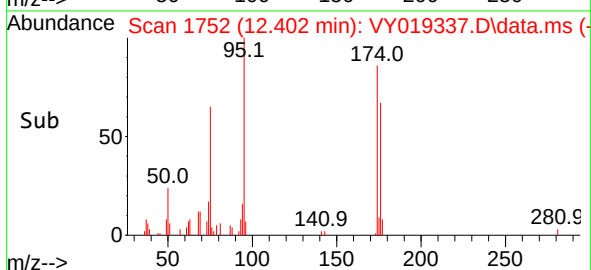
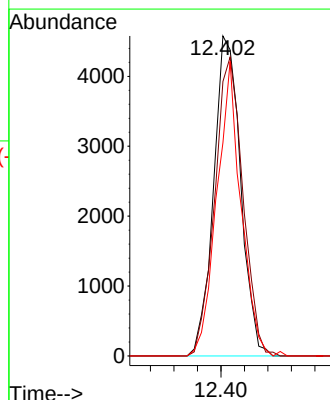
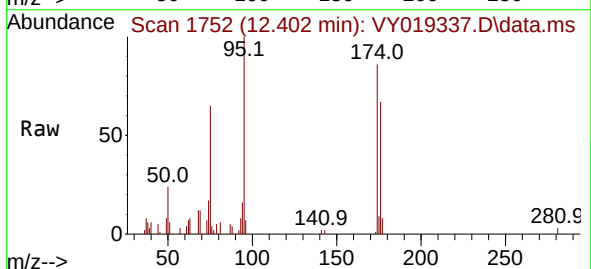
Tgt Ion: 95 Resp: 7278

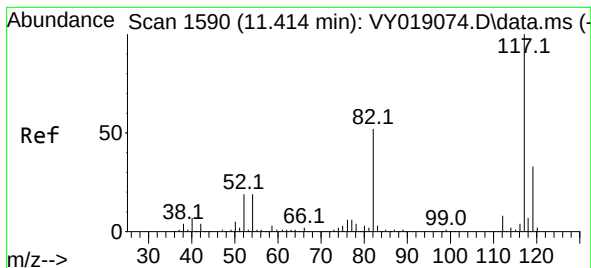
Ion Ratio Lower Upper

95 100

174 97.6 0.0 175.6

176 83.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

P-5-COMPOSITE

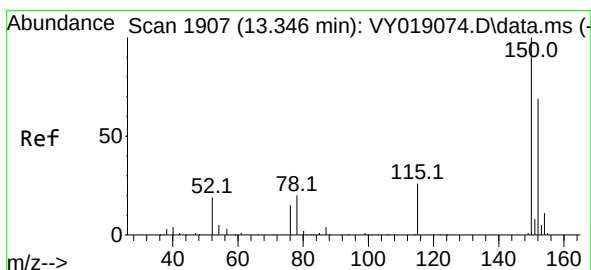
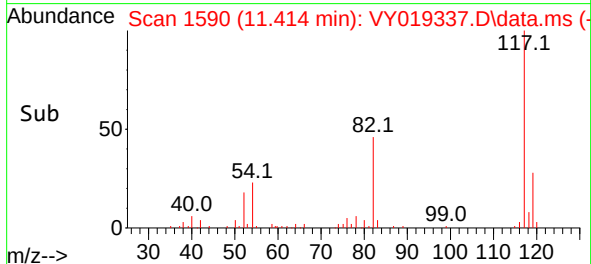
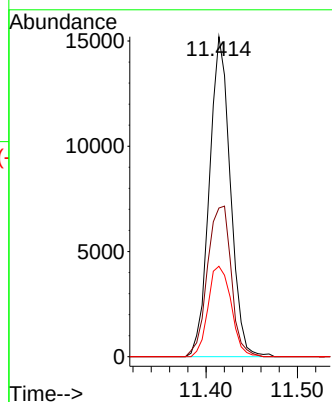
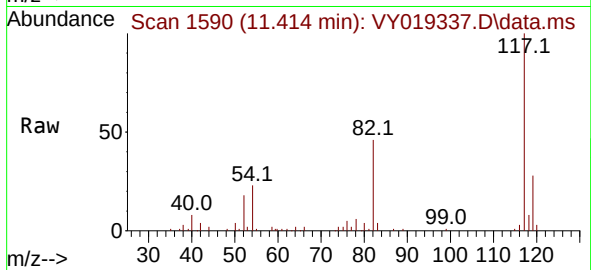
Tgt Ion:117 Resp: 24239

Ion Ratio Lower Upper

117 100

82 46.4 42.4 63.6

119 28.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019337.D

Acq: 28 Aug 2024 18:07

Tgt Ion:152 Resp: 6564

Ion Ratio Lower Upper

152 100

115 64.3 28.2 84.7

150 160.7 0.0 345.6

