

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017039.D
 Acq On : 18 Jan 2024 14:57
 Operator : SY/MD
 Sample : P1159-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-011724

Quant Time: Jan 19 02:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	102164	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	220630	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	211846	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	76499	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46422	45.974	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.940%
35) Dibromofluoromethane	7.752	113	52400	37.271	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.540%
50) Toluene-d8	10.209	98	193581	39.985	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.960%
62) 4-Bromofluorobenzene	12.508	95	59758	36.585	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.160%

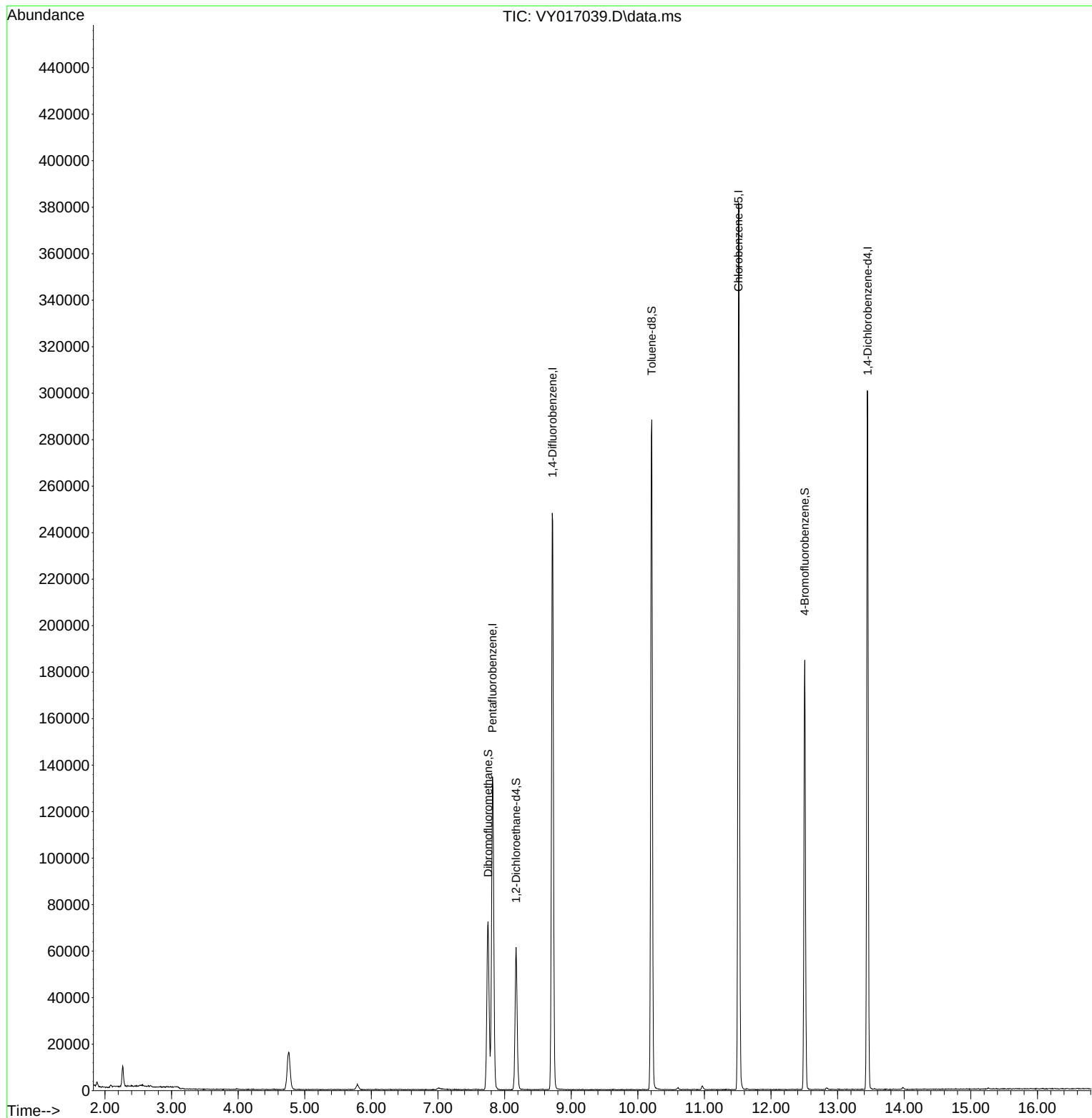
Target Compounds	Qvalue

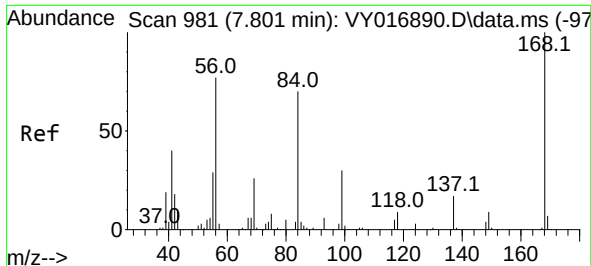
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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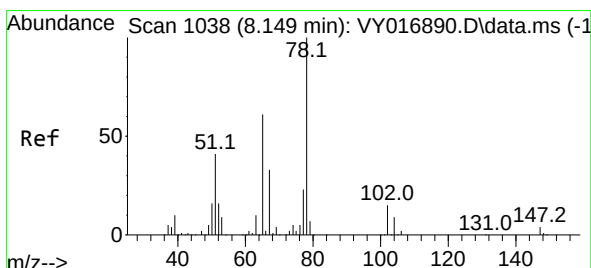
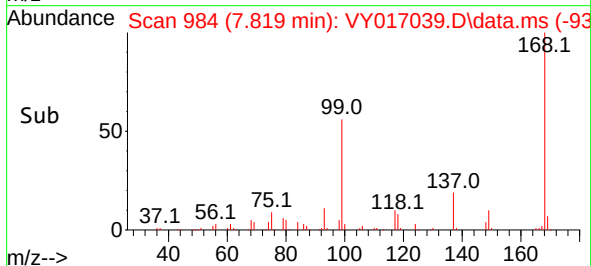
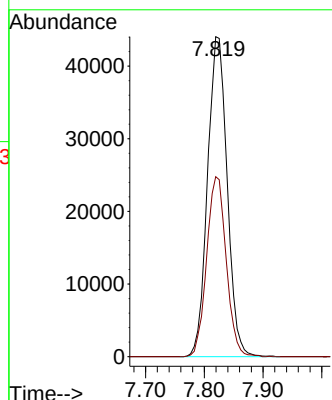
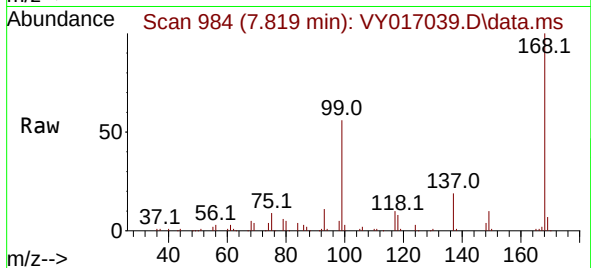




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

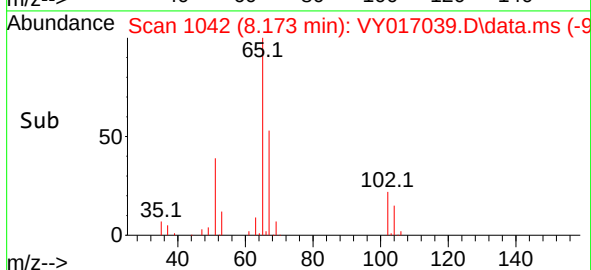
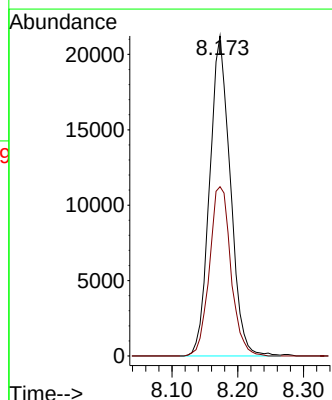
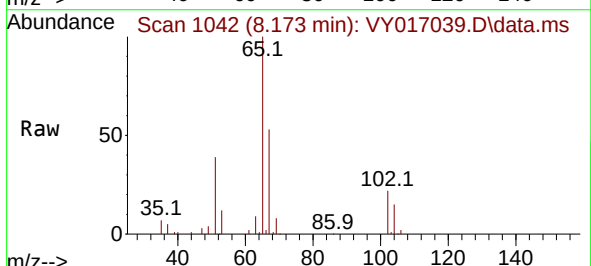
Instrument :
MSVOA_Y
ClientSampleId :
TP-011724

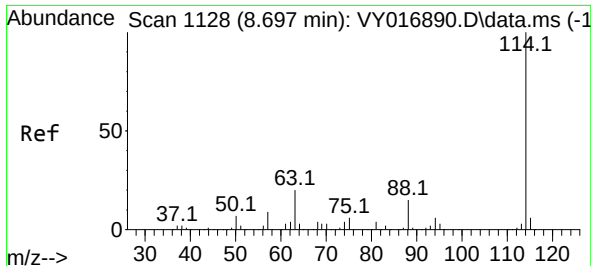
Tgt Ion:168 Resp: 102164
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.974 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Tgt Ion: 65 Resp: 46422
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-011724

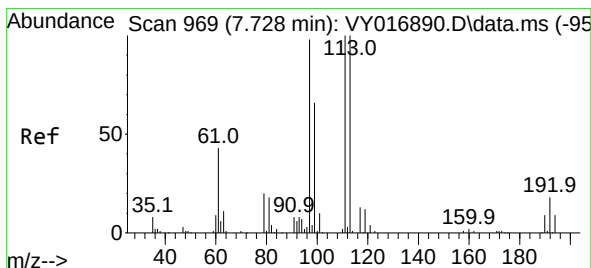
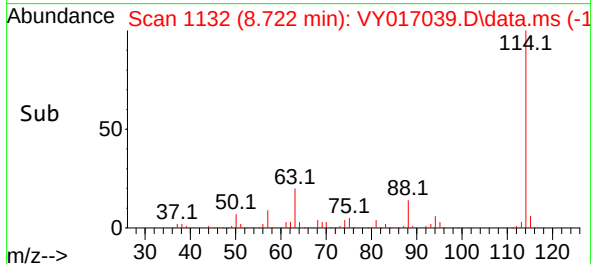
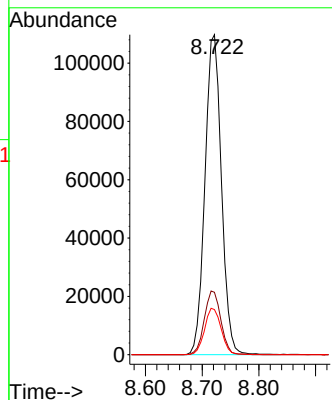
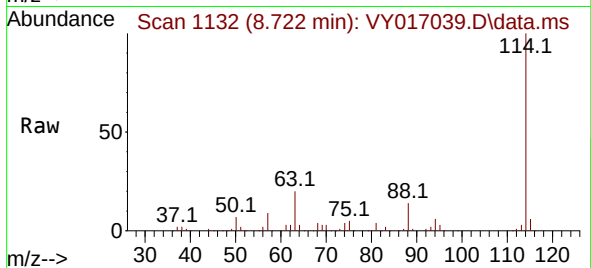
Tgt Ion:114 Resp: 220630

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.271 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

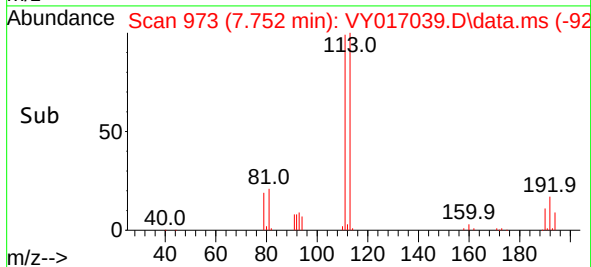
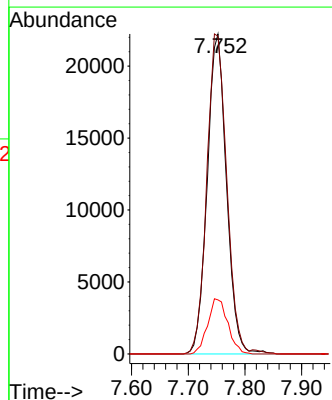
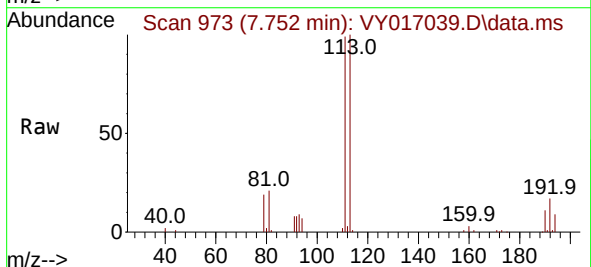
Tgt Ion:113 Resp: 52400

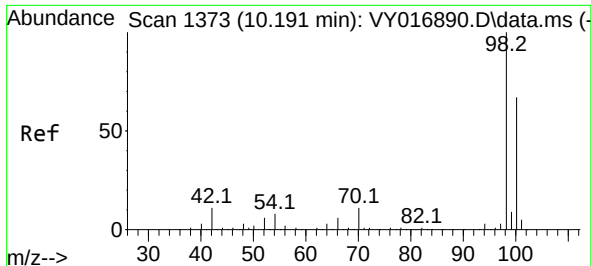
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.0 14.5 21.7

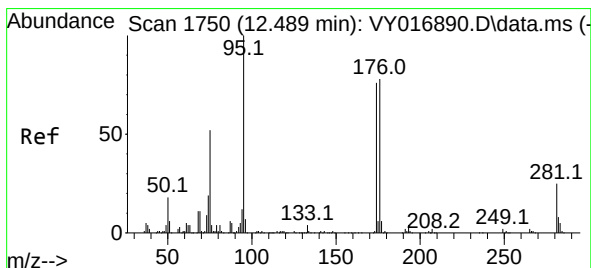
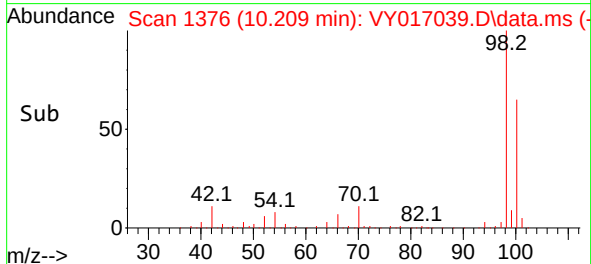
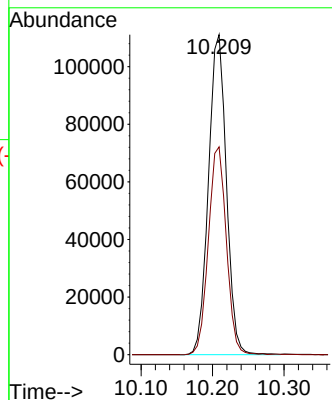
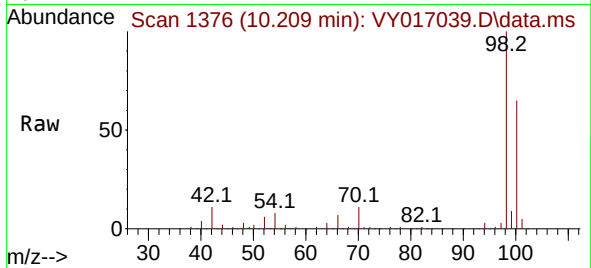




#50
Toluene-d8
Concen: 39.985 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

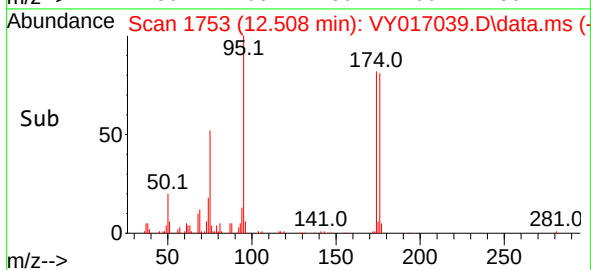
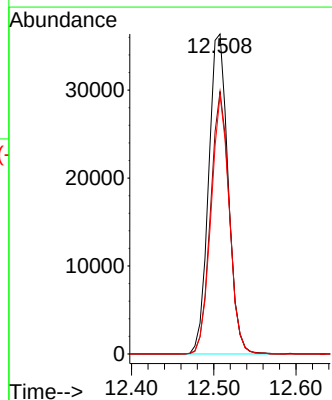
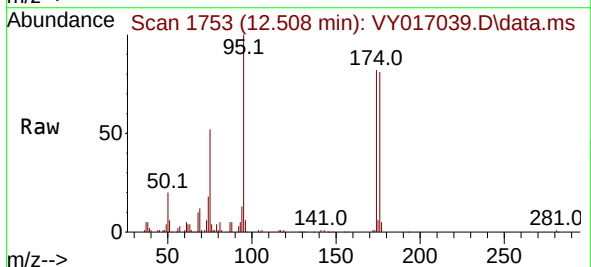
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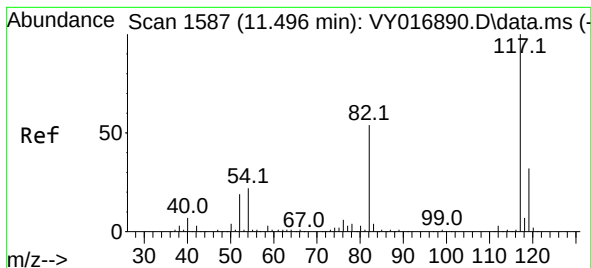
Tgt Ion: 98 Resp: 193581
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.585 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017039.D
Acq: 18 Jan 2024 14:57

Tgt Ion: 95 Resp: 59758
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-011724

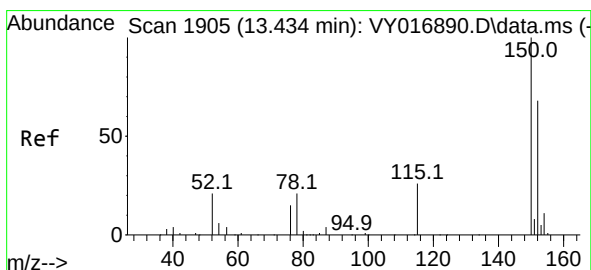
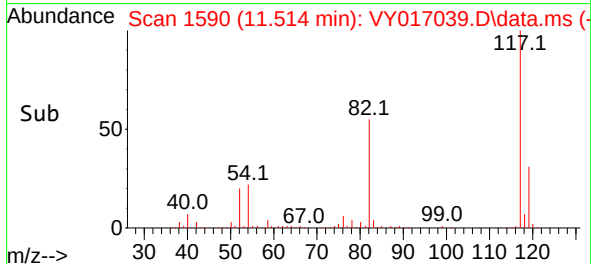
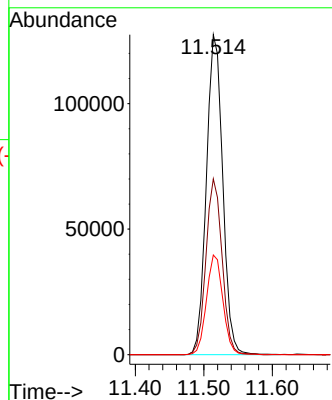
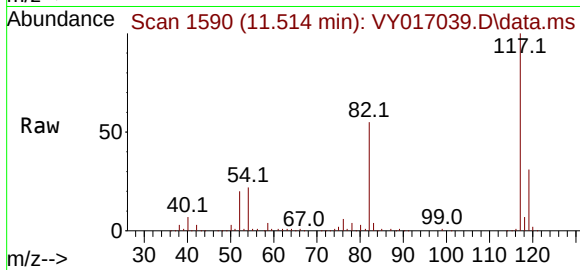
Tgt Ion:117 Resp: 211846

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017039.D

Acq: 18 Jan 2024 14:57

Tgt Ion:152 Resp: 76499

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 159.5 0.0 344.6

