

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017141.D
 Acq On : 30 Jan 2024 14:15
 Operator : SY/MD
 Sample : P1277-05
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-41

Quant Time: Jan 31 00:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	86981	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	189578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	187741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	43010	50.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.746	113	45949	40.159	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.320%
50) Toluene-d8	10.197	98	165289	38.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.500%
62) 4-Bromofluorobenzene	12.495	95	52505	39.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.880%

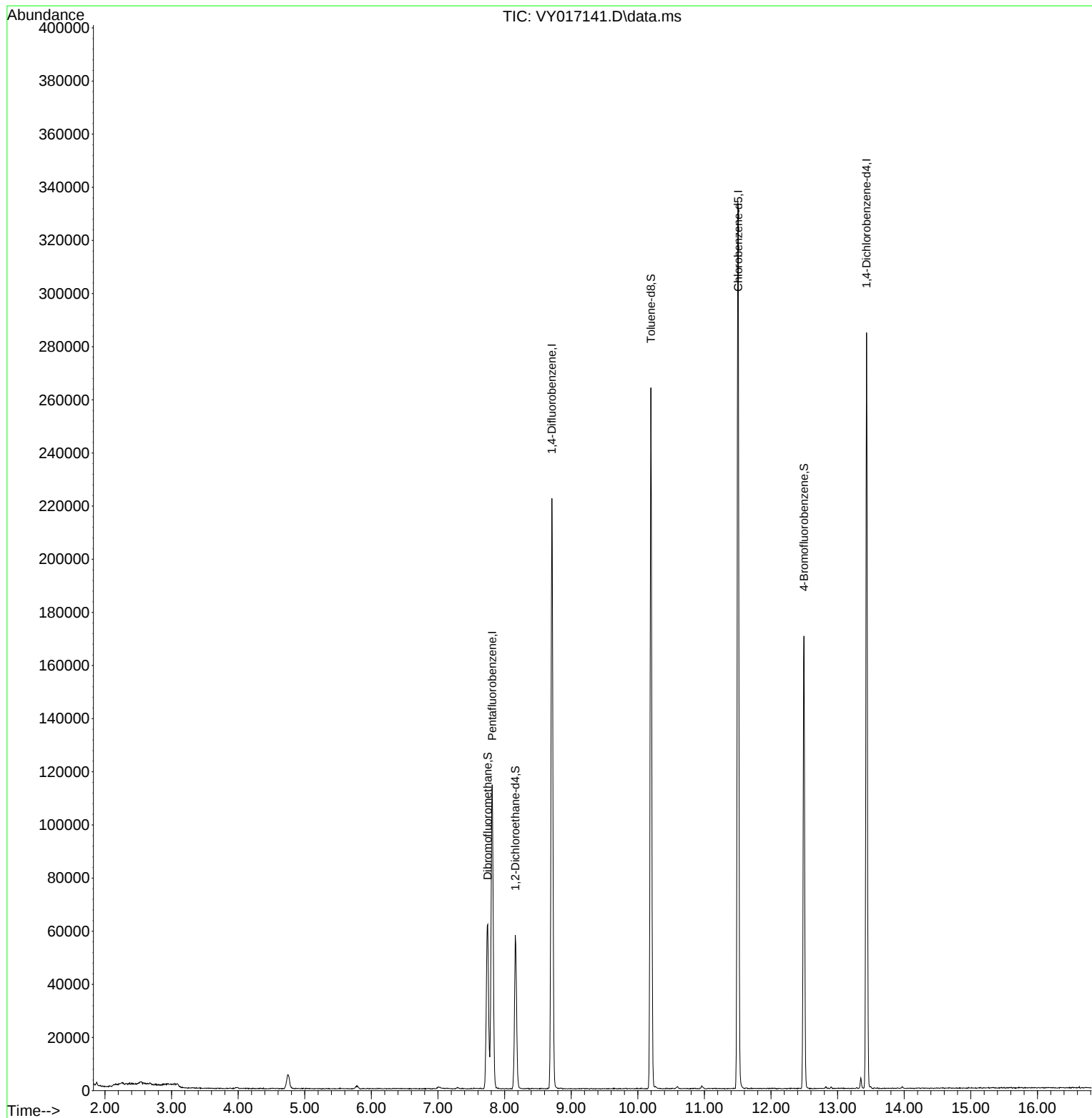
Target Compounds	Qvalue

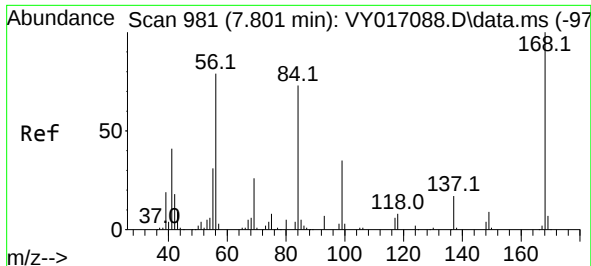
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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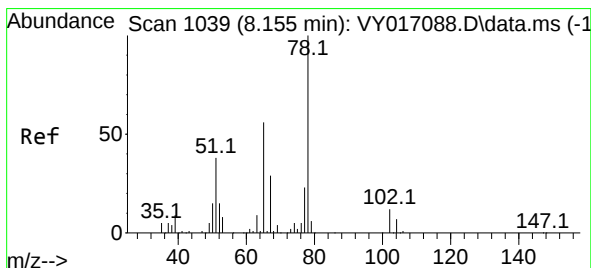
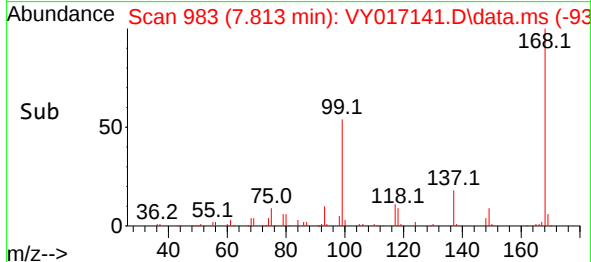
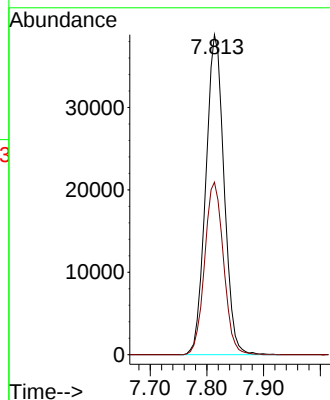
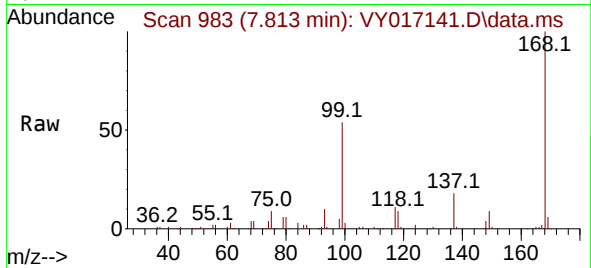




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

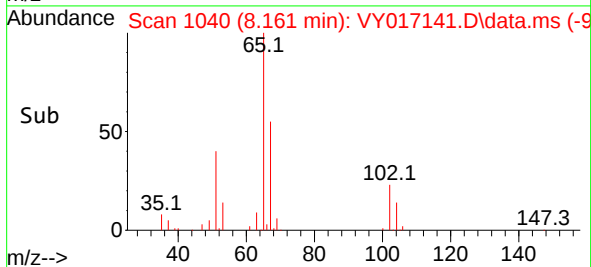
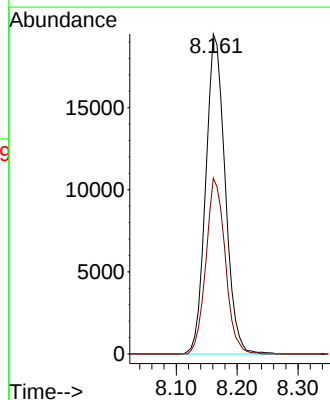
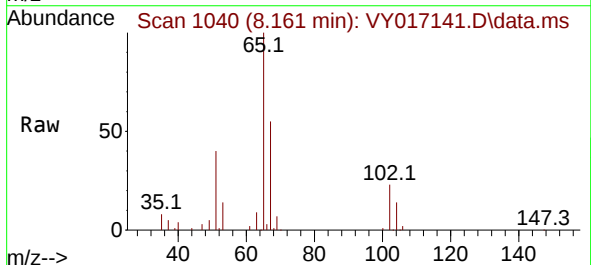
Instrument :
MSVOA_Y
ClientSampleId :
TP-41

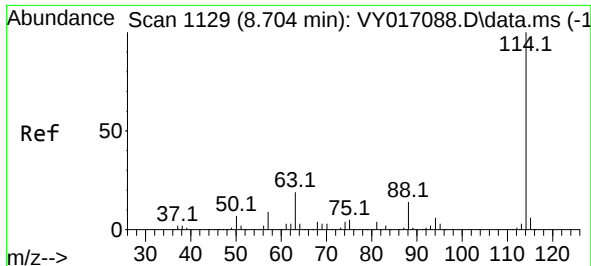
Tgt Ion:168 Resp: 86981
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.751 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 65 Resp: 43010
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY017141.D

Acq: 30 Jan 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-41

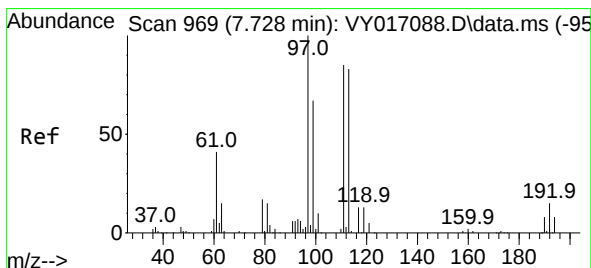
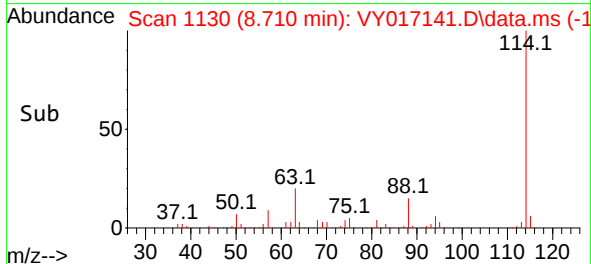
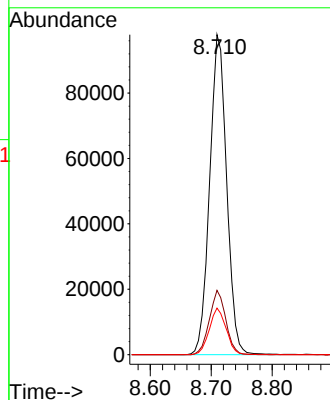
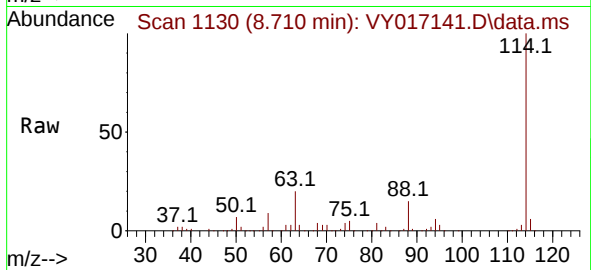
Tgt Ion:114 Resp: 189578

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.159 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017141.D

Acq: 30 Jan 2024 14:15

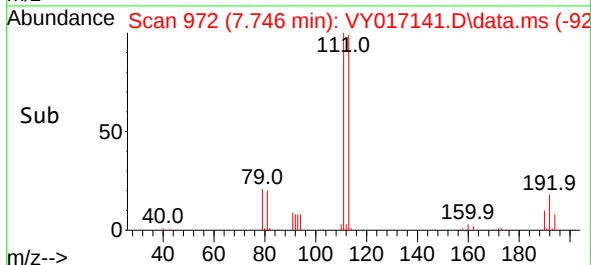
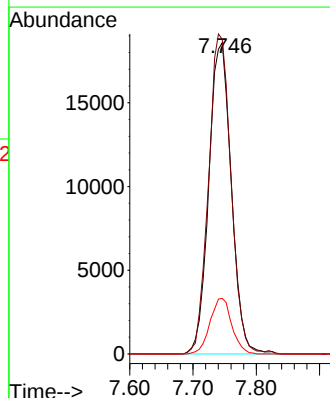
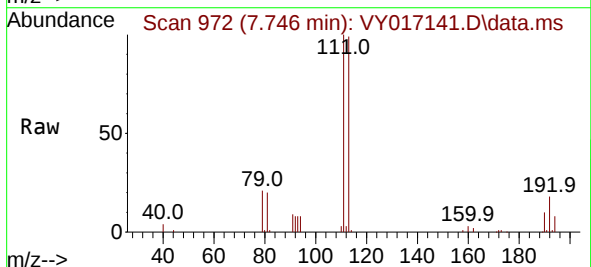
Tgt Ion:113 Resp: 45949

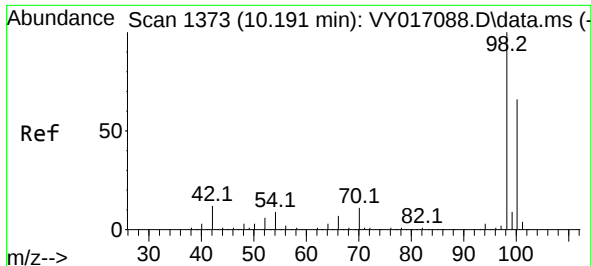
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.3 14.5 21.7

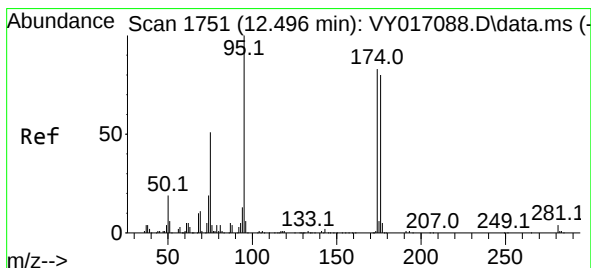
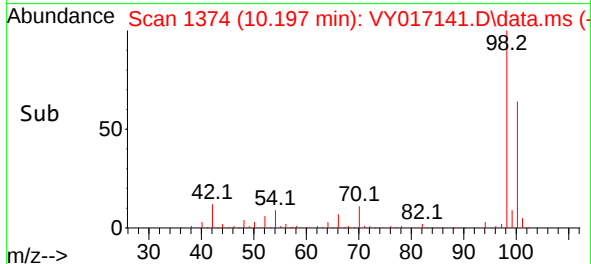
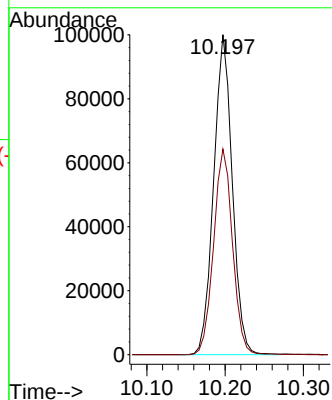
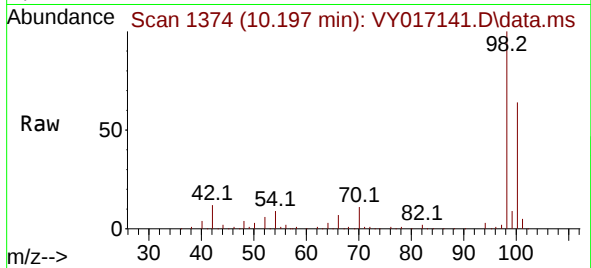




#50
Toluene-d8
Concen: 38.247 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

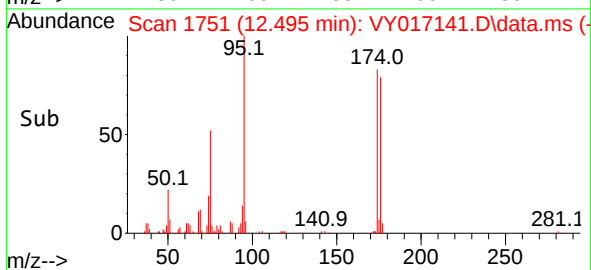
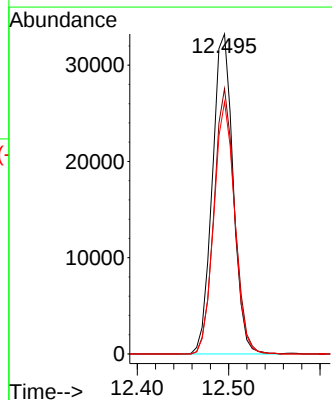
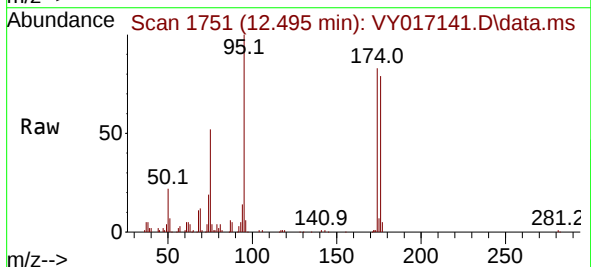
Instrument :
MSVOA_Y
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TP-41

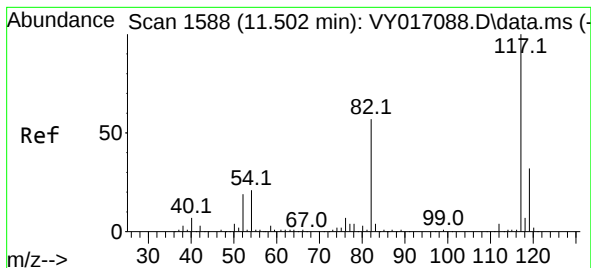
Tgt Ion: 98 Resp: 165289
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.439 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 95 Resp: 52505
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.0
176 78.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017141.D

Acq: 30 Jan 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-41

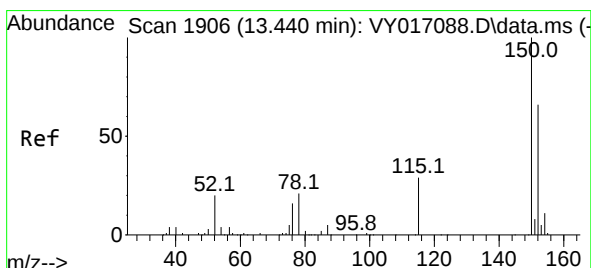
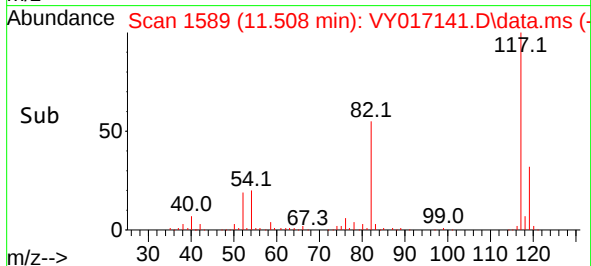
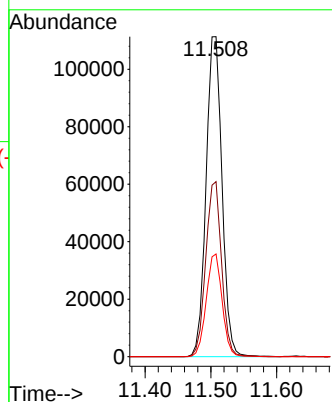
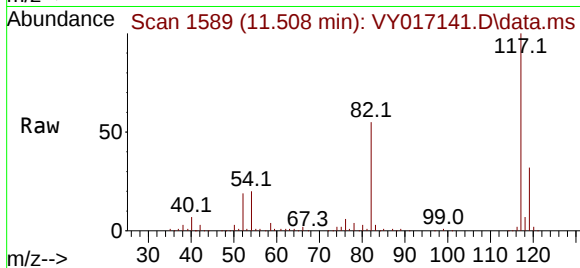
Tgt Ion:117 Resp: 187741

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017141.D

Acq: 30 Jan 2024 14:15

Tgt Ion:152 Resp: 71494

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.2 0.0 344.6

