

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020478.D
 Acq On : 02 Dec 2024 11:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 02 14:49:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	163094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	313952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	100989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	94221	56.804	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.600%
35) Dibromofluoromethane	7.646	113	96866	49.009	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.115	98	375044	49.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.414	95	119475	45.389	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.780%

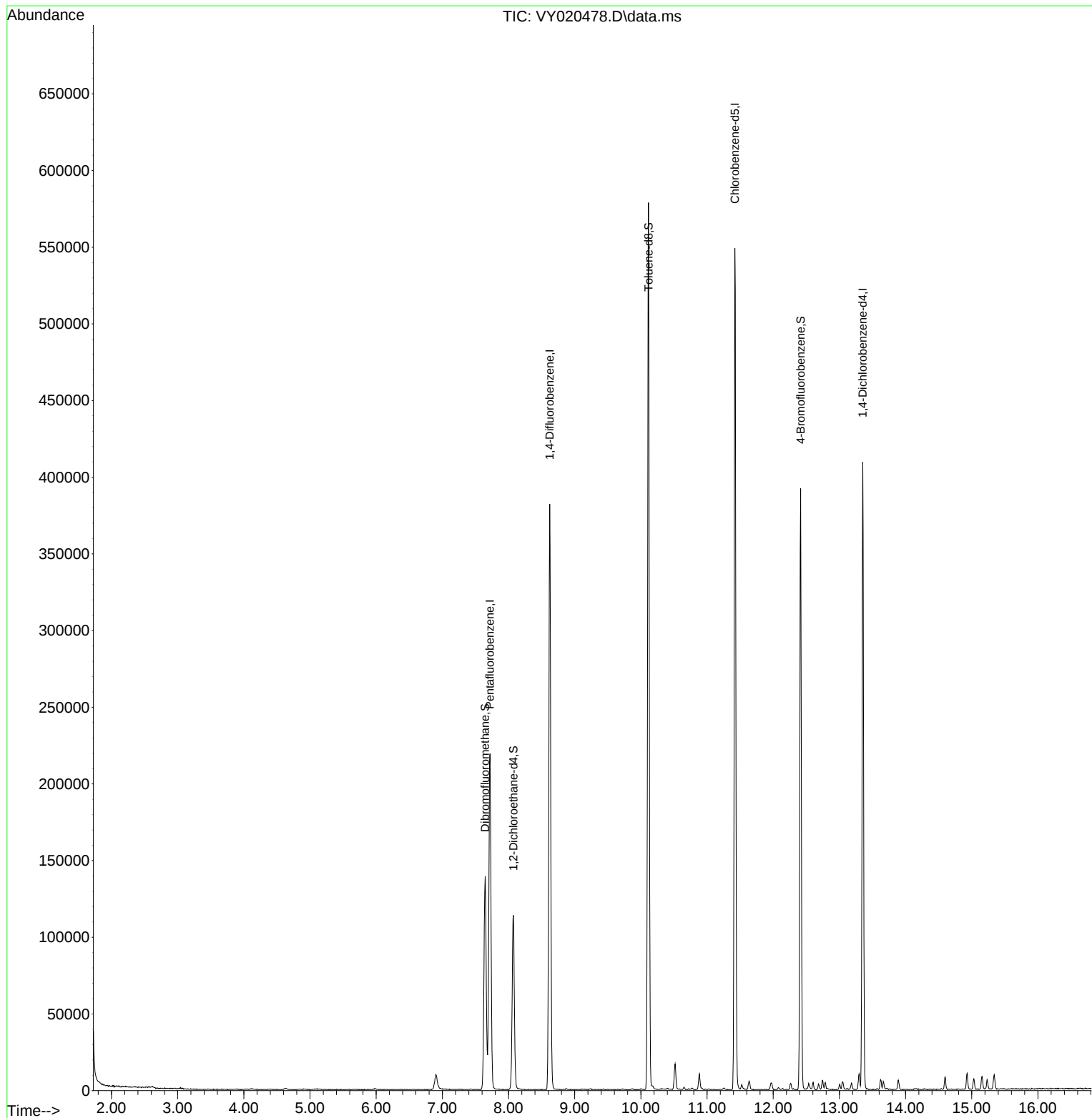
Target Compounds	Qvalue

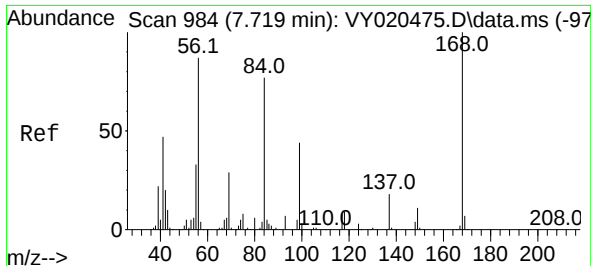
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY120224\
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Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
VIBLK

Quant Time: Dec 02 14:49:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y120224S.M
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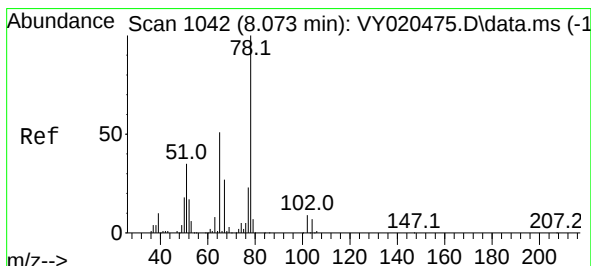
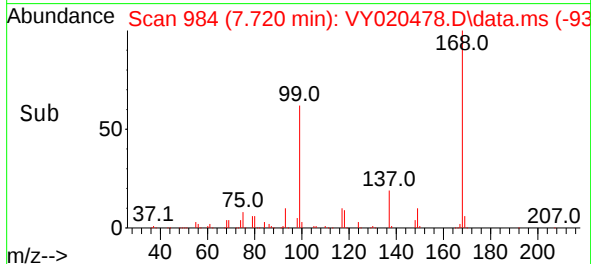
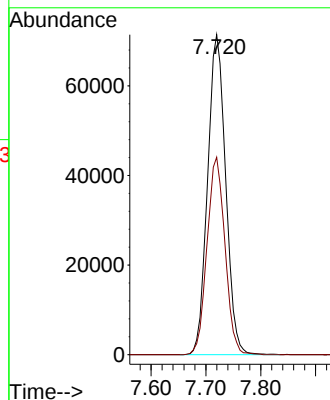
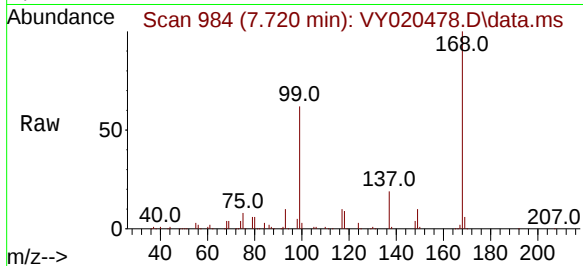




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

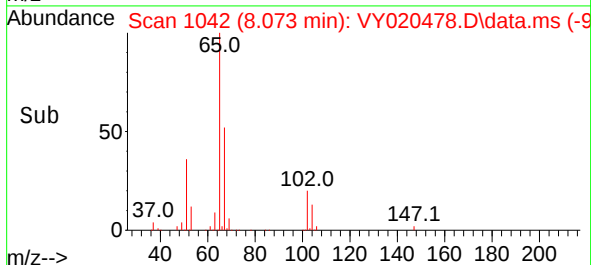
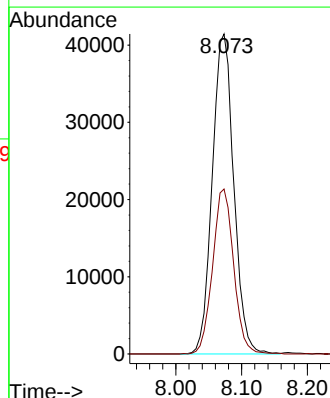
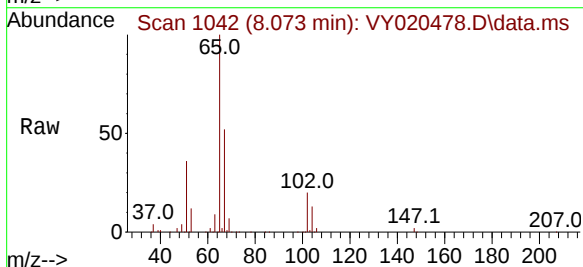
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

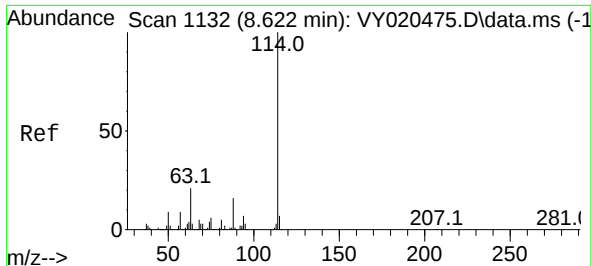
Tgt Ion:168 Resp: 163094
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 56.804 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020478.D
Acq: 02 Dec 2024 11:32

Tgt Ion: 65 Resp: 94221
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

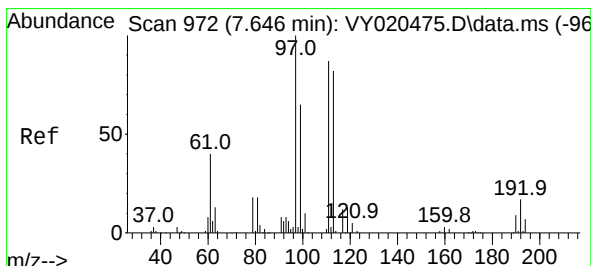
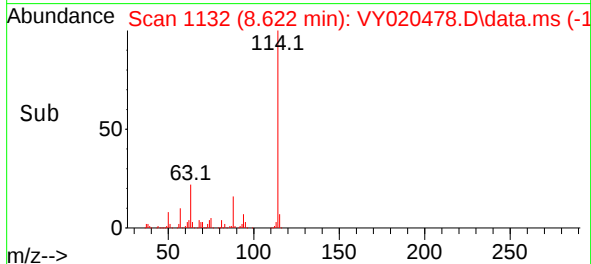
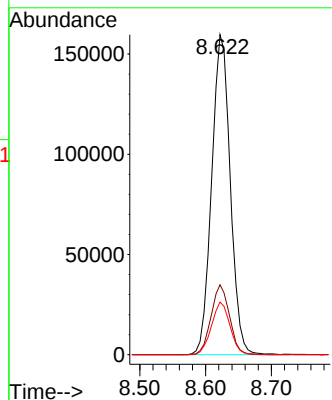
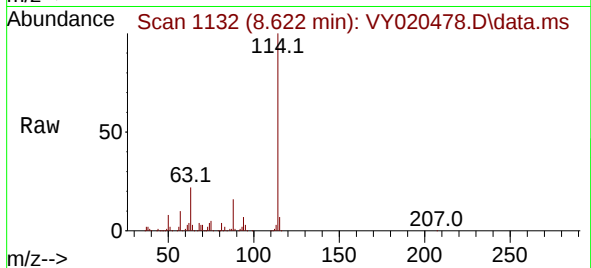
Tgt Ion:114 Resp: 313952

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.8

88 16.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.009 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

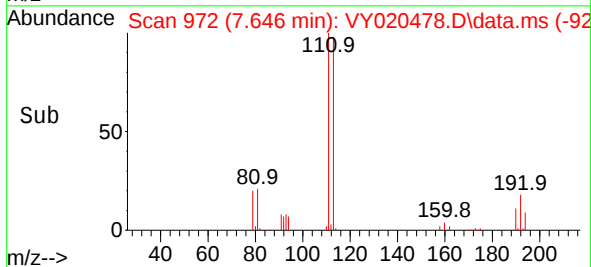
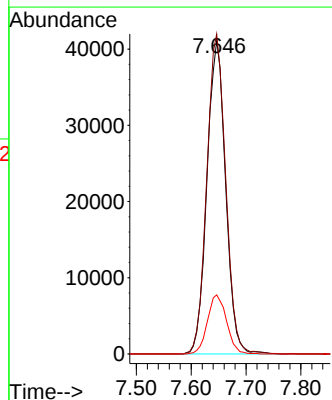
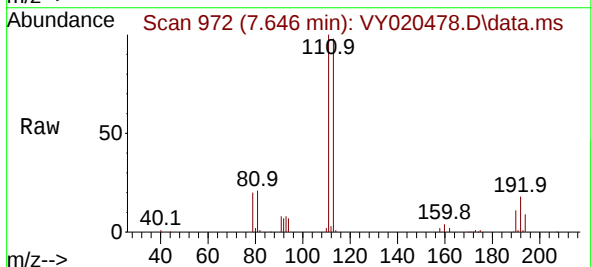
Tgt Ion:113 Resp: 96866

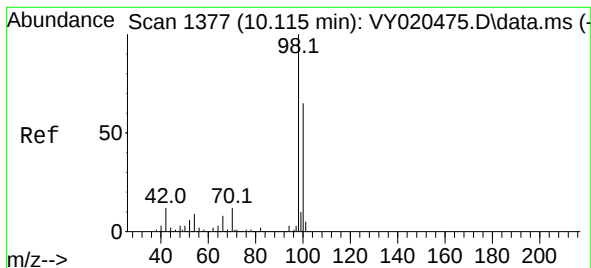
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 19.4 15.1 22.7





#50

Toluene-d8

Concen: 49.833 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

Instrument :

MSVOA_Y

ClientSampleId :

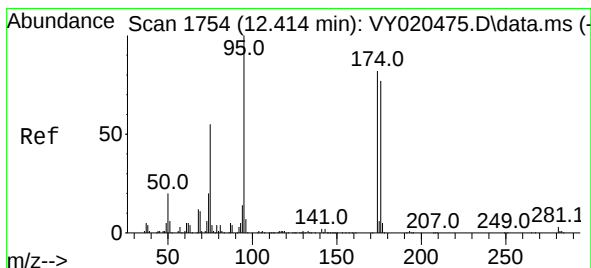
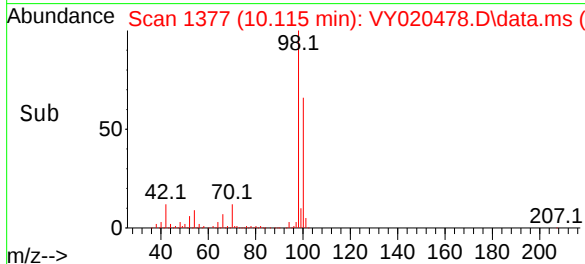
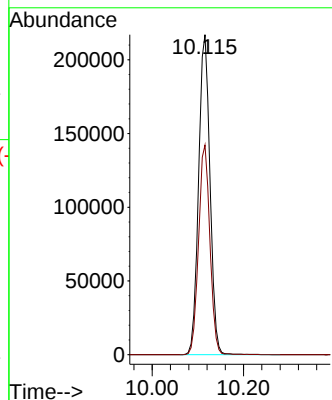
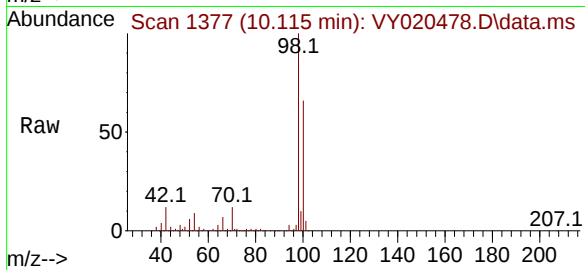
VIBLK

Tgt Ion: 98 Resp: 375044

Ion Ratio Lower Upper

98 100

100 65.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.389 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

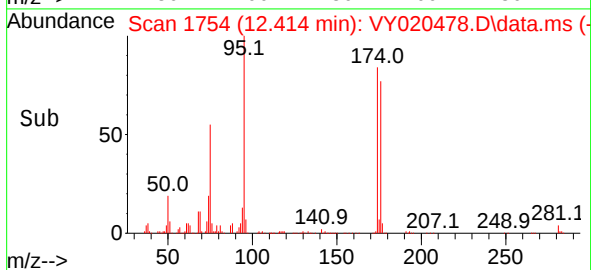
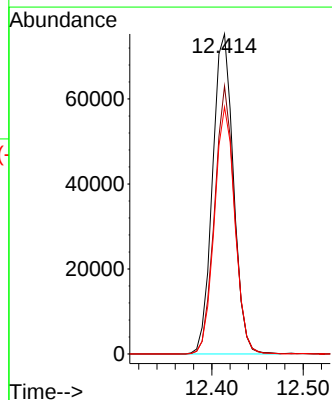
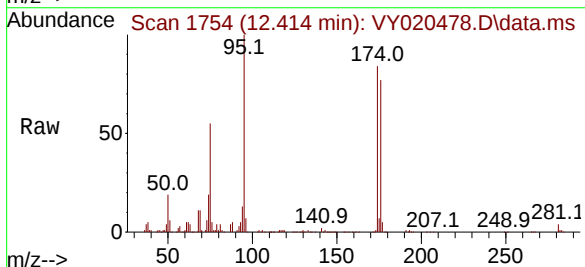
Tgt Ion: 95 Resp: 119475

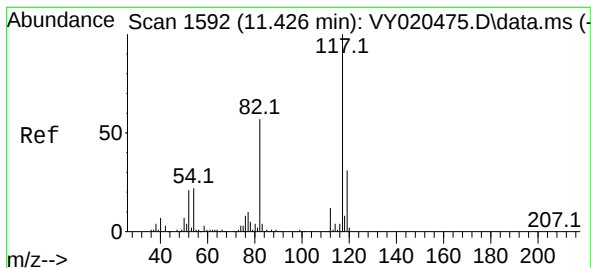
Ion Ratio Lower Upper

95 100

174 79.8 0.0 156.8

176 75.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

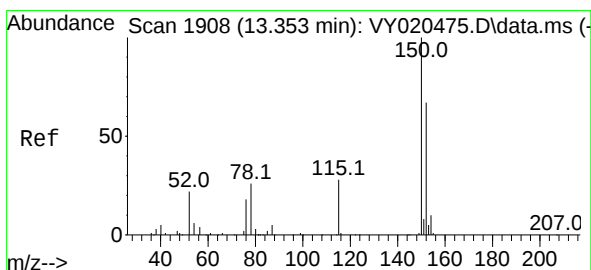
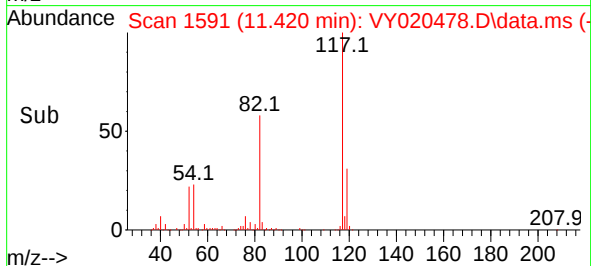
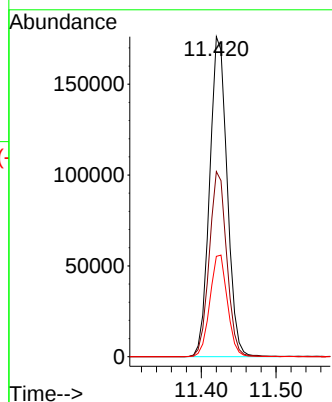
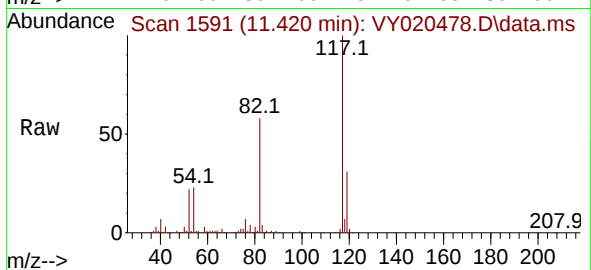
Tgt Ion:117 Resp: 286474

Ion Ratio Lower Upper

117 100

82 57.9 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020478.D

Acq: 02 Dec 2024 11:32

Tgt Ion:152 Resp: 100989

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 157.7 0.0 348.2

