

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021075.D
 Acq On : 05 Feb 2025 09:51
 Operator : SY/MD
 Sample : VY0205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBL01

Quant Time: Feb 06 00:24:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	173976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	290166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	107232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	101161	56.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.646	113	105621	50.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.115	98	393322	49.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.414	95	115413	44.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.500%

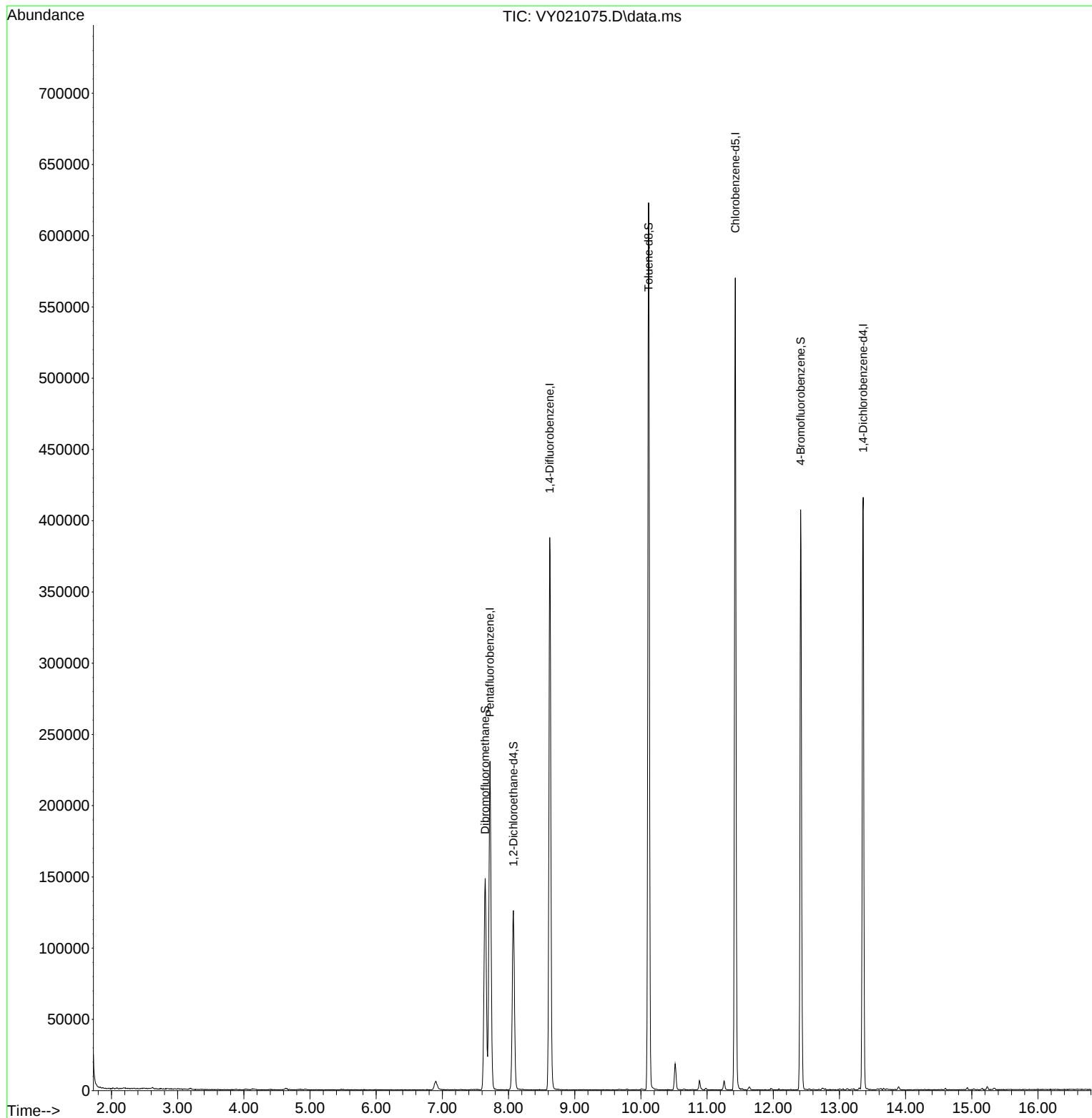
Target Compounds	Qvalue

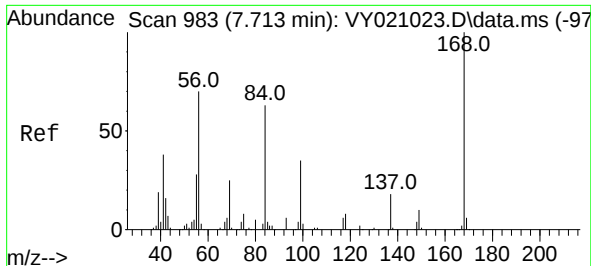
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020525\
Data File : VY021075.D
Acq On : 05 Feb 2025 09:51
Operator : SY/MD
Sample : VY0205SBL01
Misc : 5.00g/5.0mL/MSV0A_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
VY0205SBL01

Quant Time: Feb 06 00:24:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
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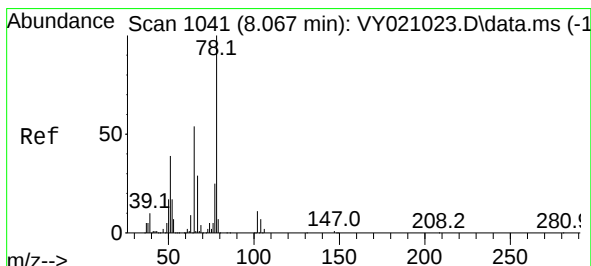
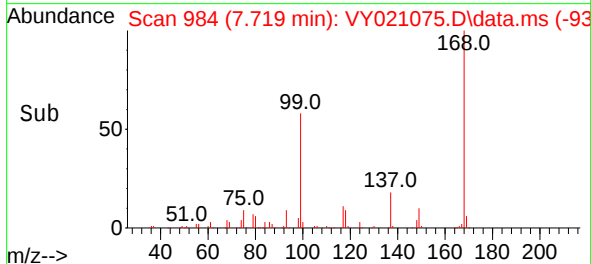
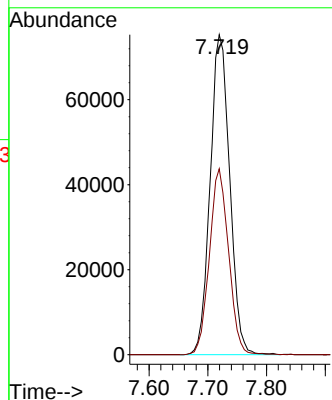
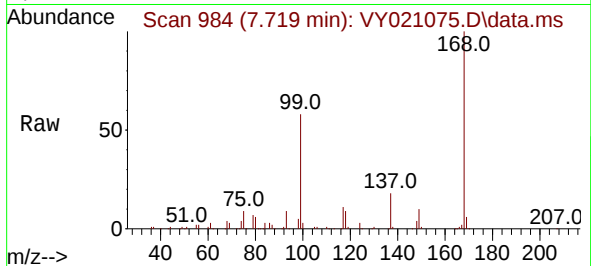




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

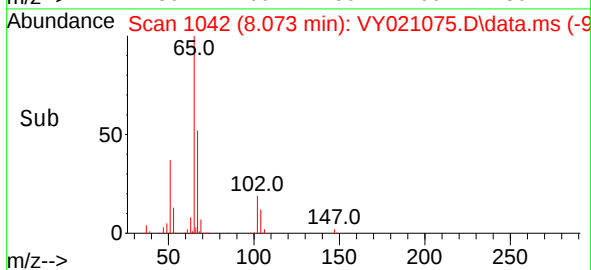
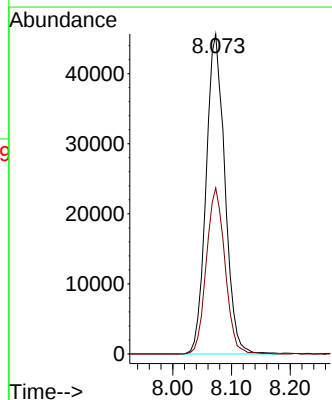
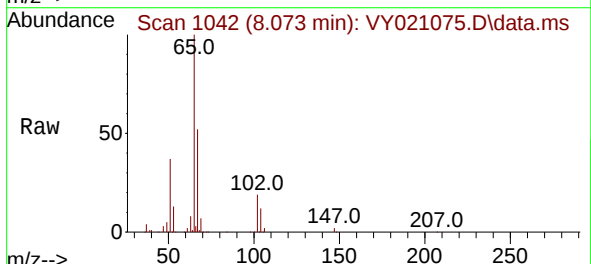
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBL01

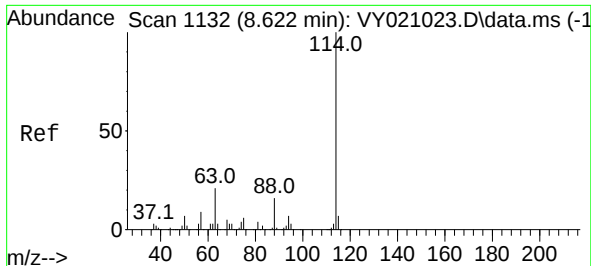
Tgt Ion:168 Resp: 173976
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.752 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021075.D
Acq: 05 Feb 2025 09:51

Tgt Ion: 65 Resp: 101161
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

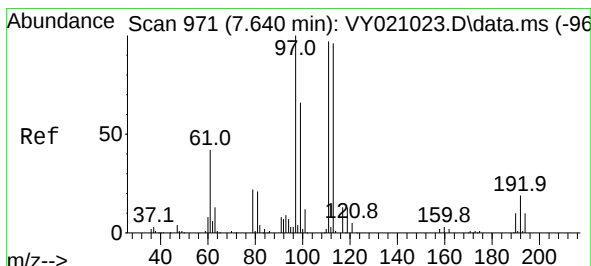
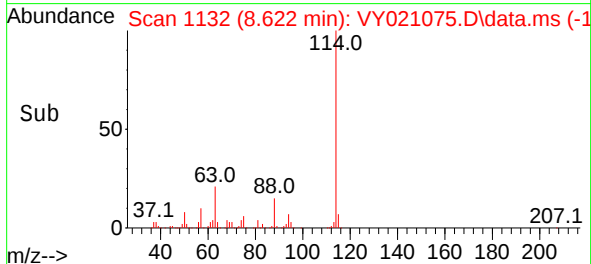
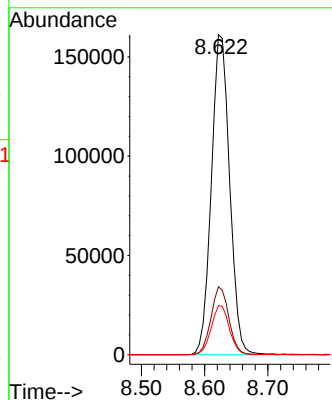
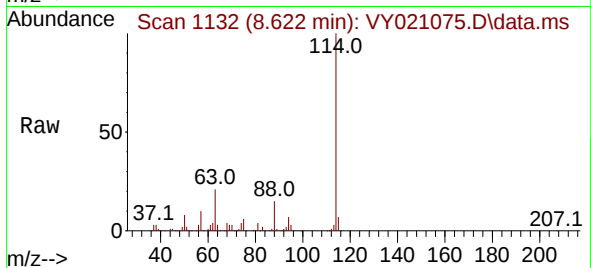
Tgt Ion:114 Resp: 323562

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.936 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

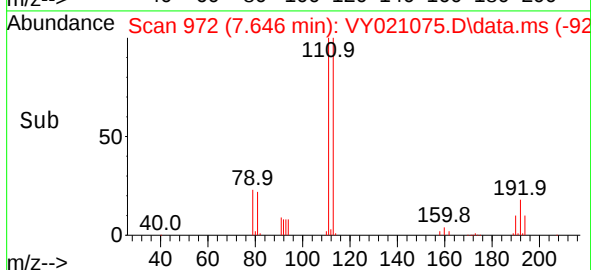
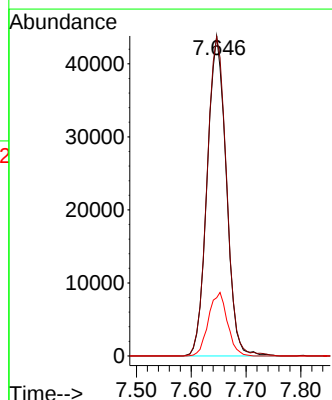
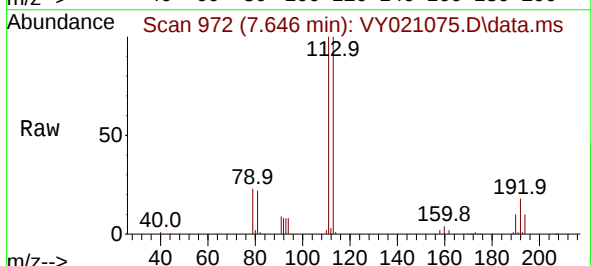
Tgt Ion:113 Resp: 105621

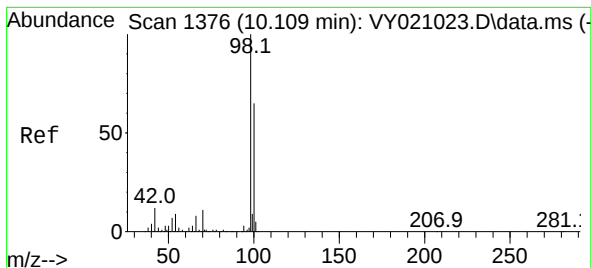
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.7 14.5 21.7





#50

Toluene-d8

Concen: 49.823 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

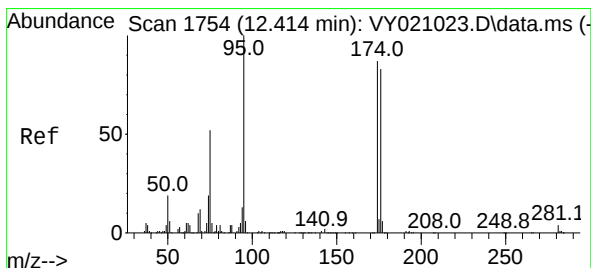
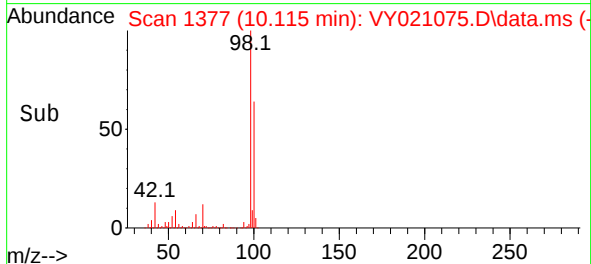
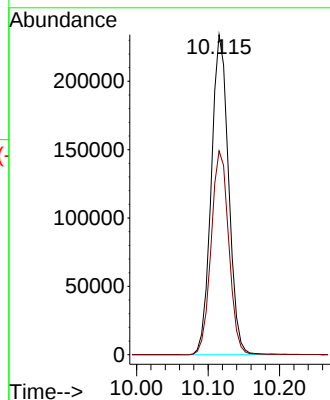
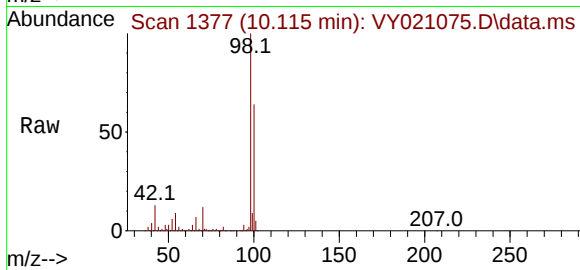
VY0205SBL01

Tgt Ion: 98 Resp: 393322

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.750 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

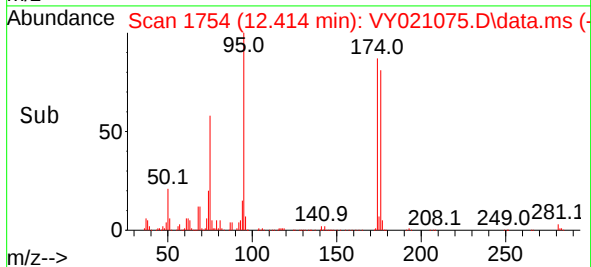
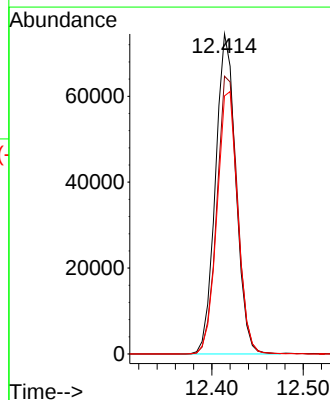
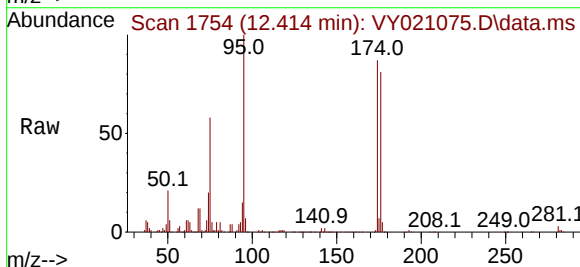
Tgt Ion: 95 Resp: 115413

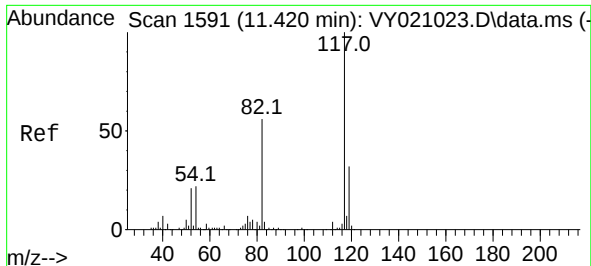
Ion Ratio Lower Upper

95 100

174 88.4 0.0 160.0

176 84.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBL01

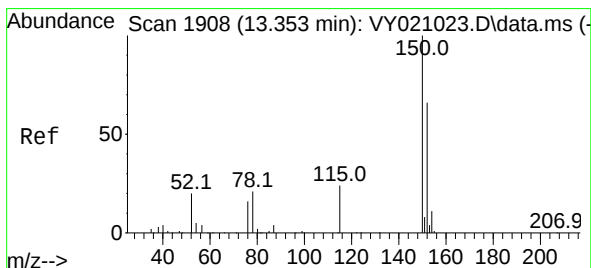
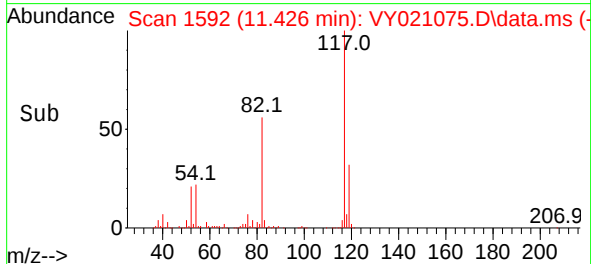
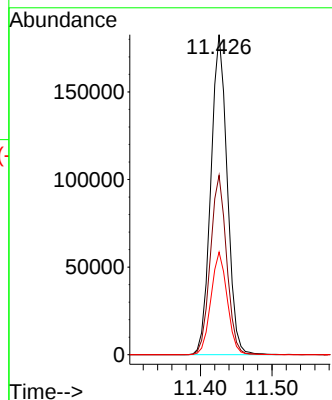
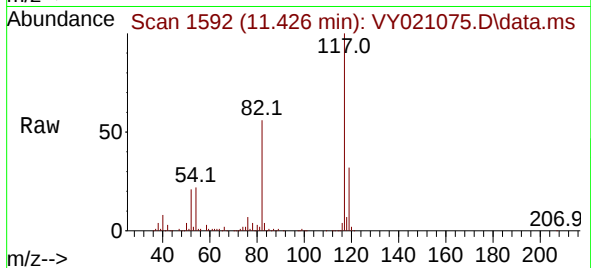
Tgt Ion:117 Resp: 290166

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021075.D

Acq: 05 Feb 2025 09:51

Tgt Ion:152 Resp: 107232

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 156.2 0.0 344.6

