

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023364.D
 Acq On : 25 Sep 2025 10:39
 Operator : SY/MD
 Sample : VY0925SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0925SBL01

Quant Time: Sep 26 04:21:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	701667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1240929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1153810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	541851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	333209	54.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.080%
35) Dibromofluoromethane	7.634	113	404156	53.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.109	98	1403336	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.402	95	492534	54.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.280%

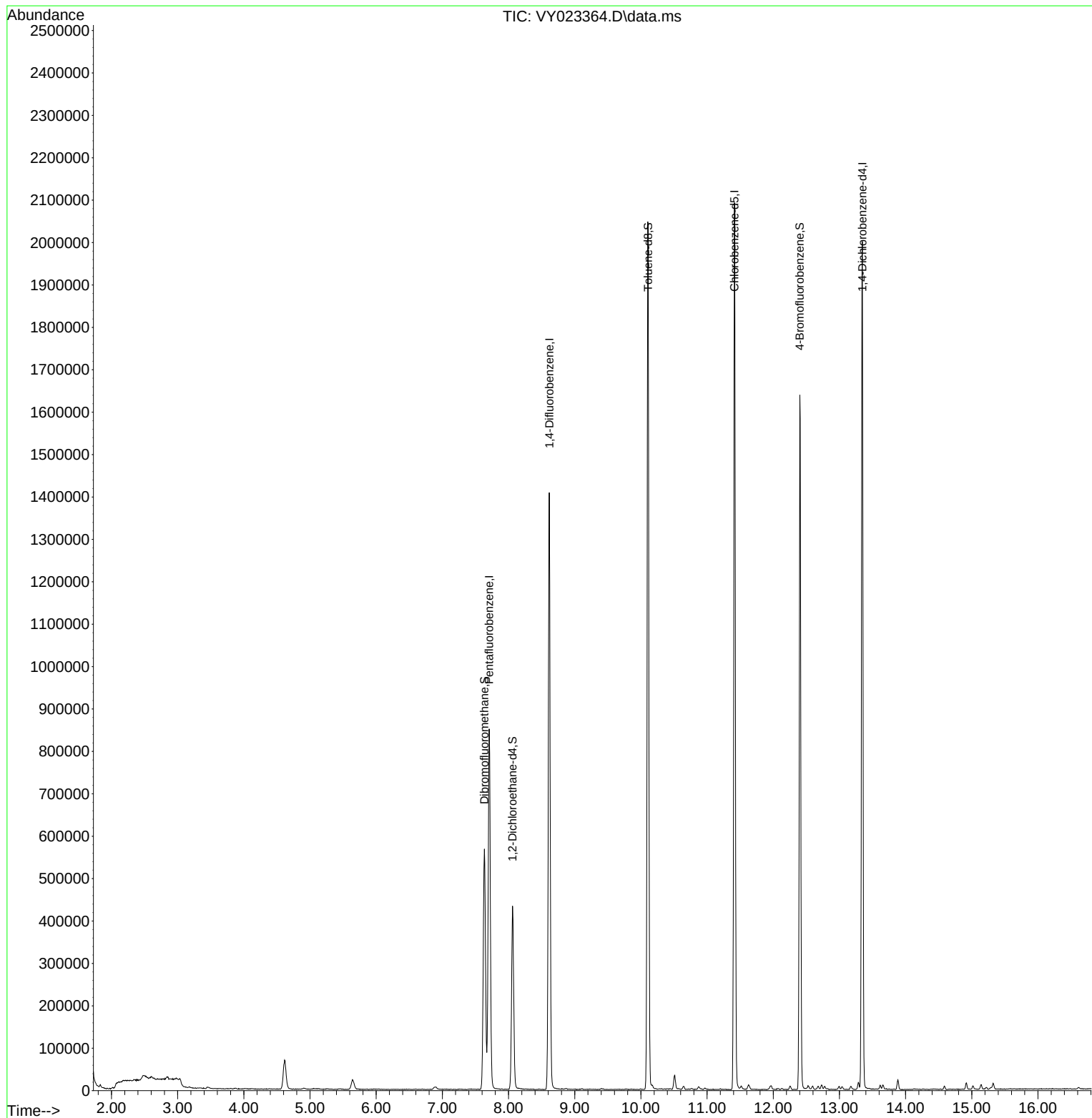
Target Compounds	Qvalue

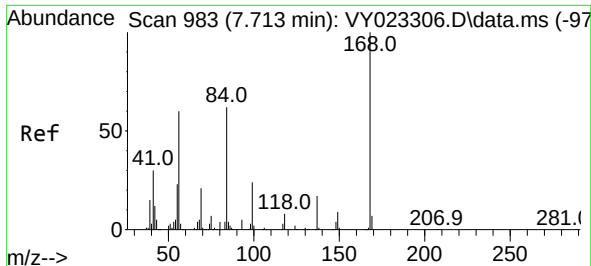
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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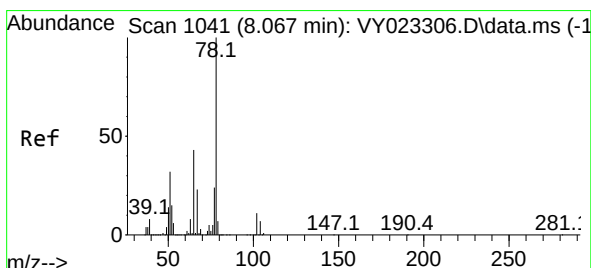
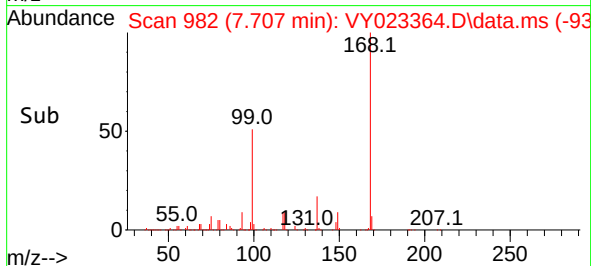
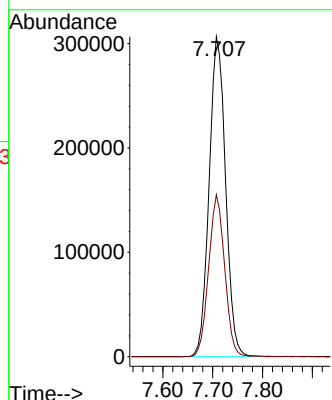
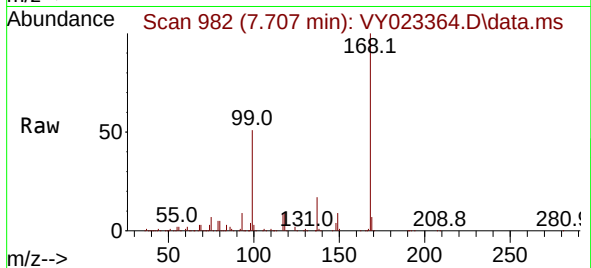




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

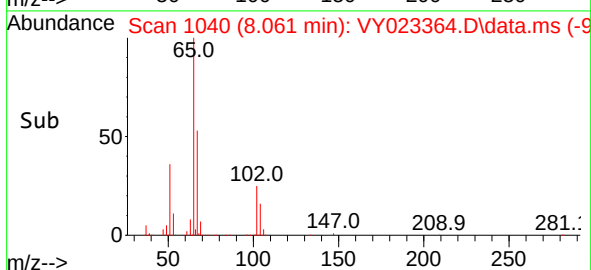
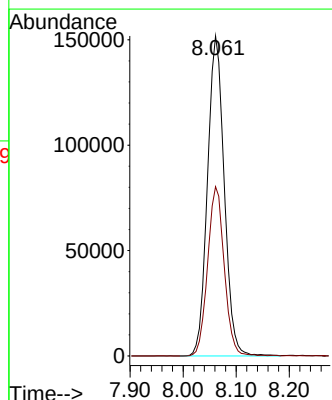
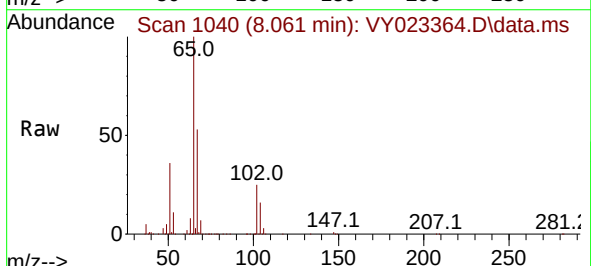
Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

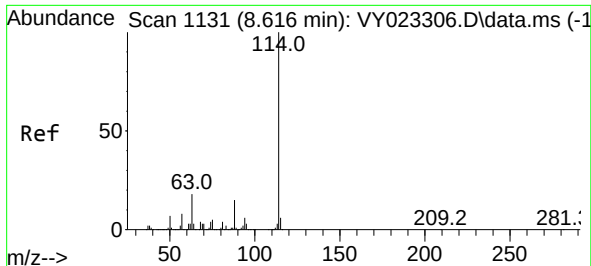
Tgt Ion:168 Resp: 701667
Ion Ratio Lower Upper
168 100
99 50.6 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 54.043 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 65 Resp: 333209
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.8

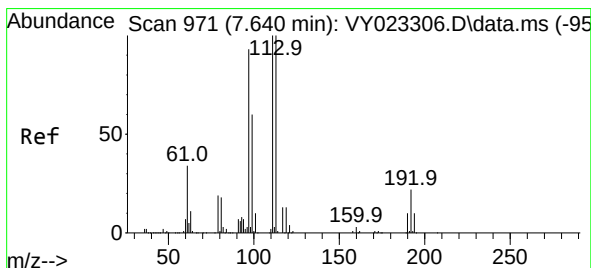
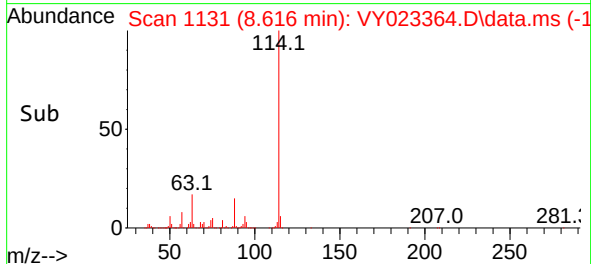
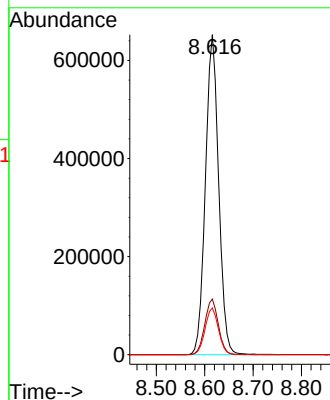
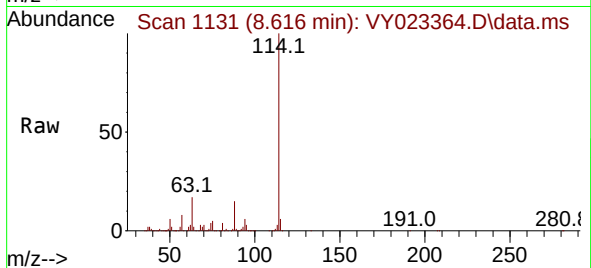




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

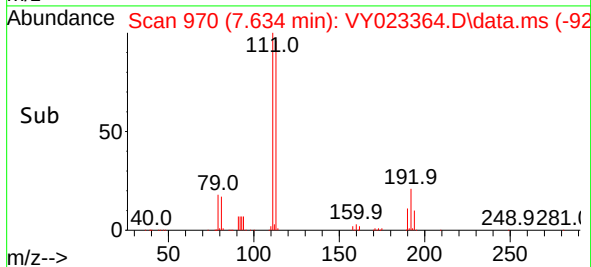
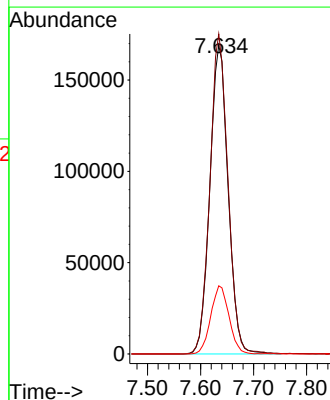
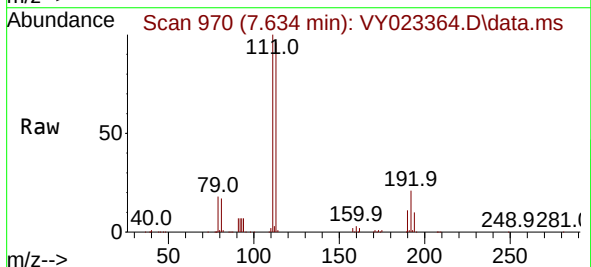
Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

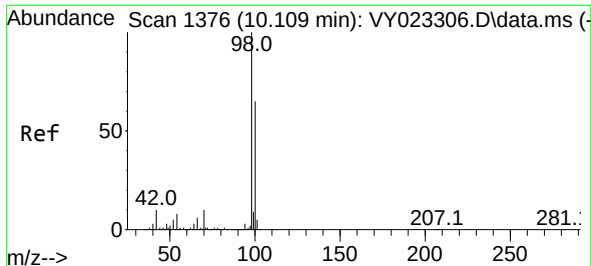
Tgt Ion:114 Resp: 1240929
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.4
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.281 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion:113 Resp: 404156
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 22.1 16.2 24.4

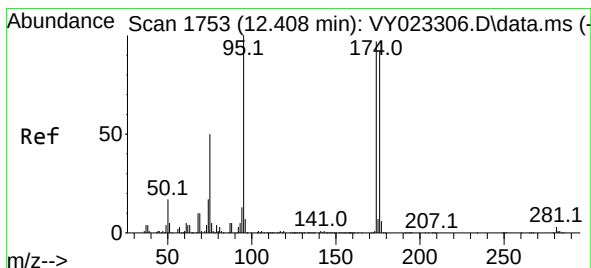
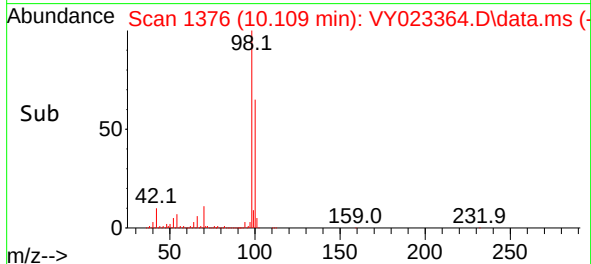
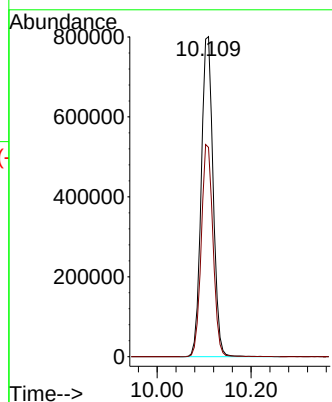
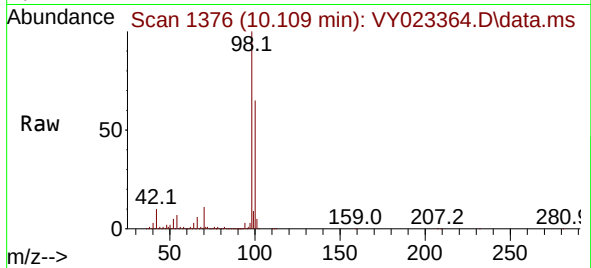




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

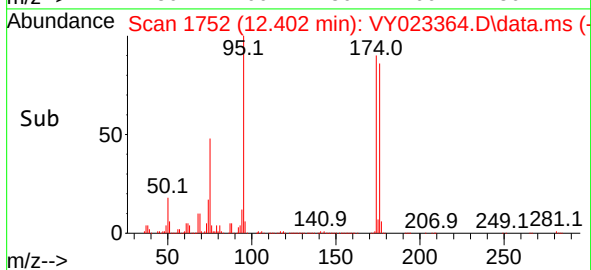
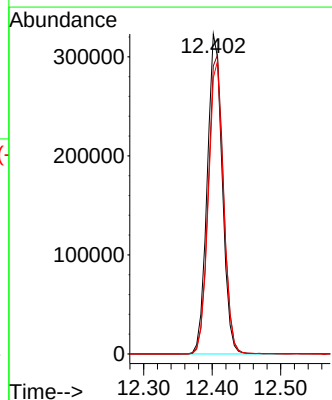
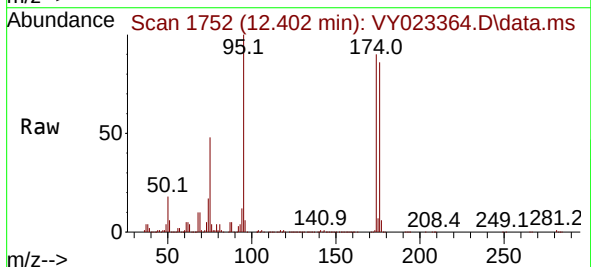
Instrument :
MSVOA_Y
ClientSampleId :
VY0925SBL01

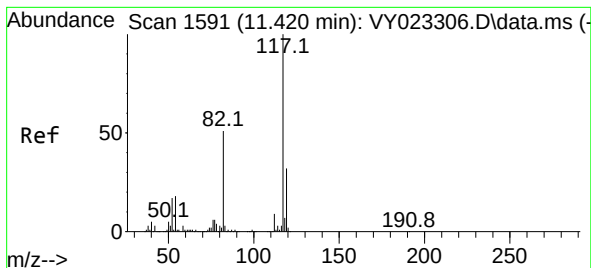
Tgt Ion: 98 Resp: 1403336
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 54.642 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023364.D
Acq: 25 Sep 2025 10:39

Tgt Ion: 95 Resp: 492534
Ion Ratio Lower Upper
95 100
174 95.3 0.0 171.6
176 91.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0925SBL01

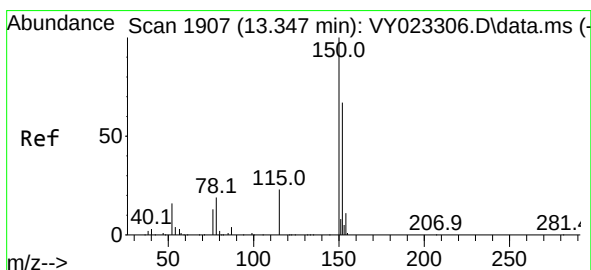
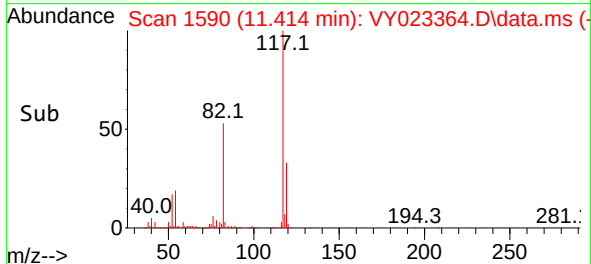
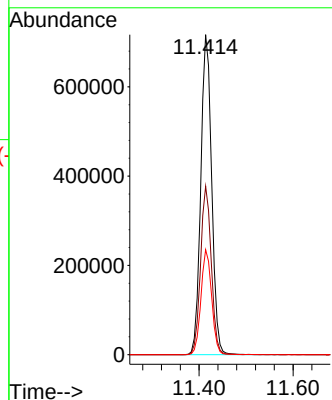
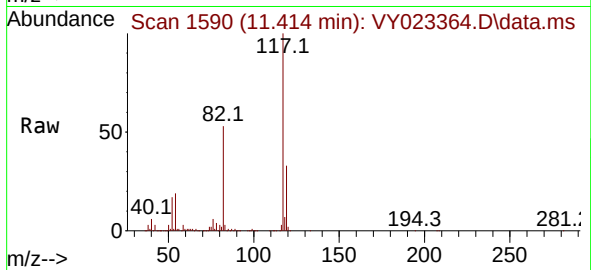
Tgt Ion:117 Resp: 1153810

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023364.D

Acq: 25 Sep 2025 10:39

Tgt Ion:152 Resp: 541851

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 155.8 0.0 348.0

