

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023425.D
 Acq On : 10 Oct 2025 09:25
 Operator : SY/MD
 Sample : VY1010SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBL01

Quant Time: Oct 10 15:32:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	583718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1135832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1117193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	460059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	288786	59.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.320%
35) Dibromofluoromethane	7.640	113	373680	53.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.080%
50) Toluene-d8	10.109	98	1360539	52.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.408	95	429222	50.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.040%

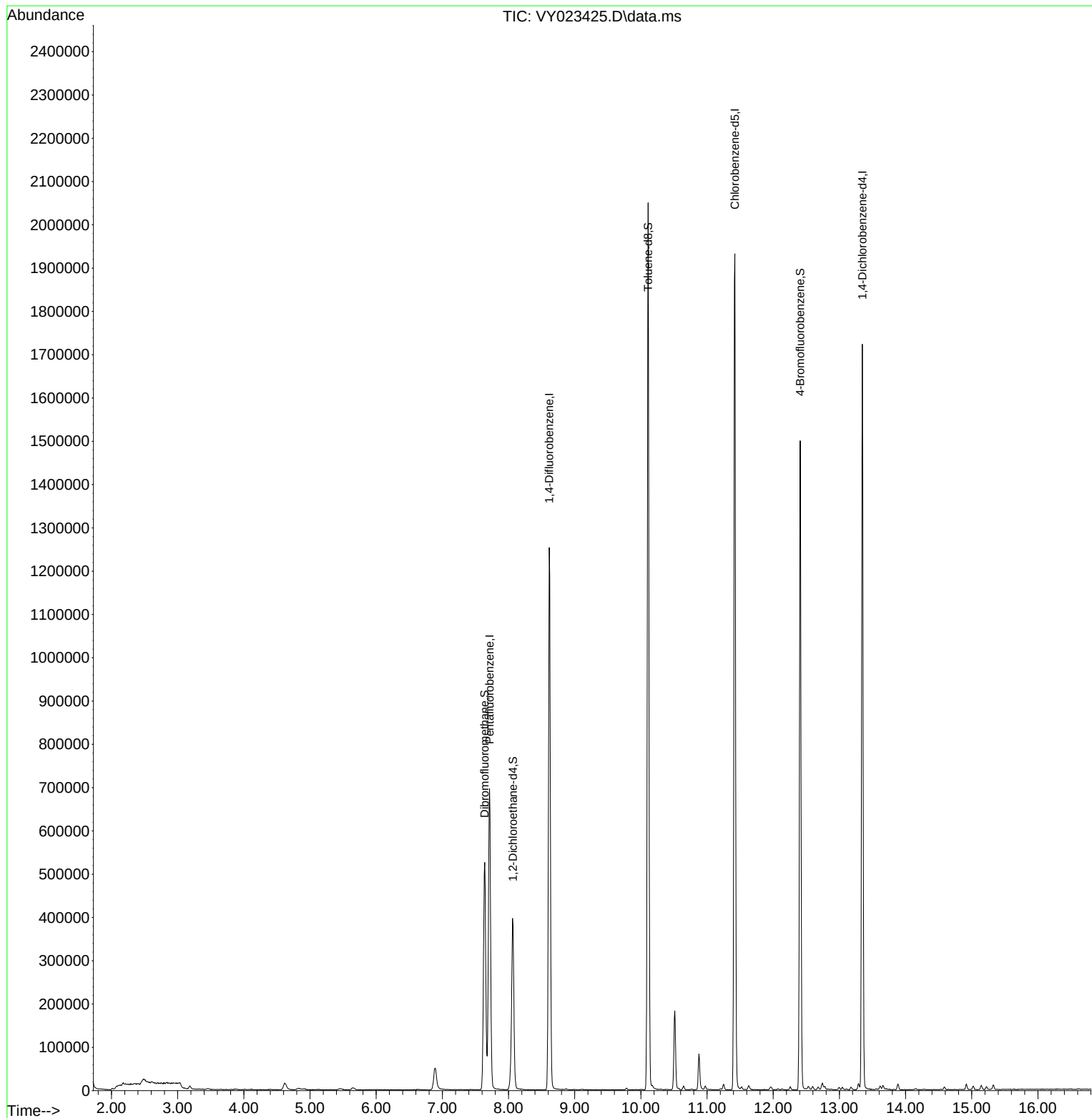
Target Compounds	Qvalue

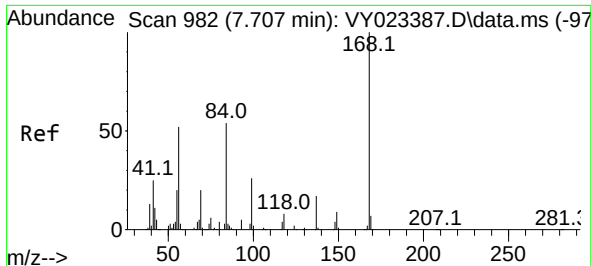
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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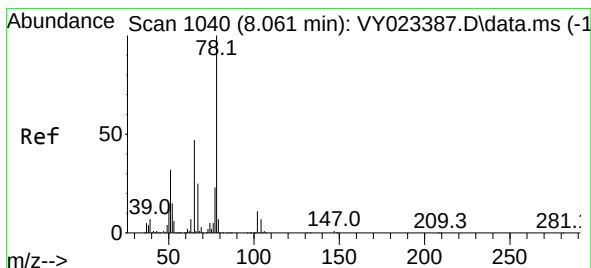
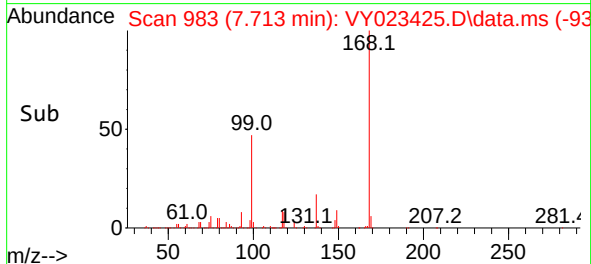
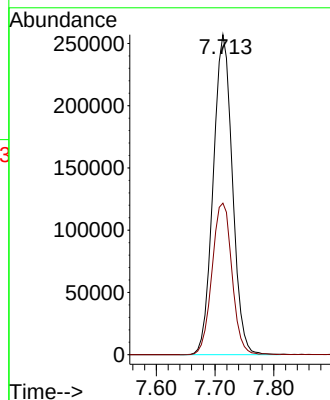
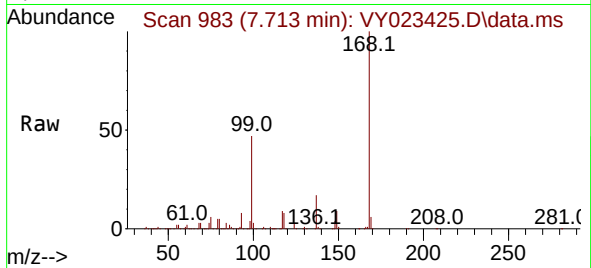




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023425.D
Acq: 10 Oct 2025 09:25

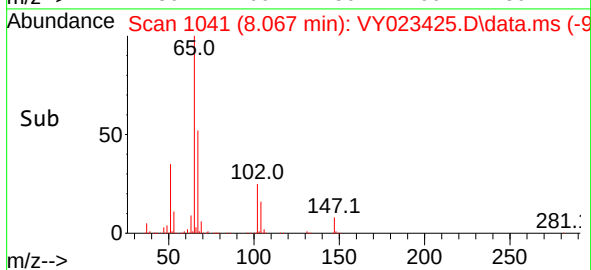
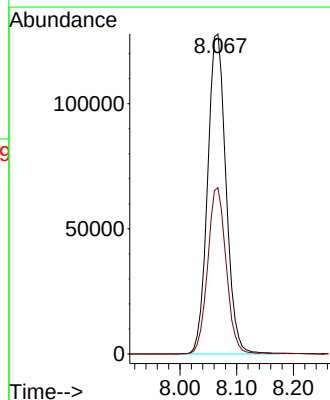
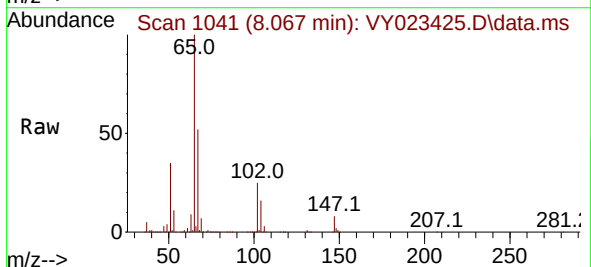
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBL01

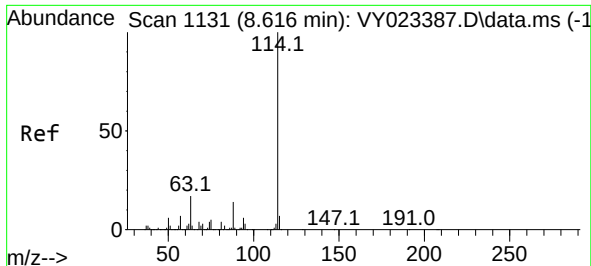
Tgt Ion:168 Resp: 583718
Ion Ratio Lower Upper
168 100
99 47.3 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 59.164 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023425.D
Acq: 10 Oct 2025 09:25

Tgt Ion: 65 Resp: 288786
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023425.D

Acq: 10 Oct 2025 09:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBL01

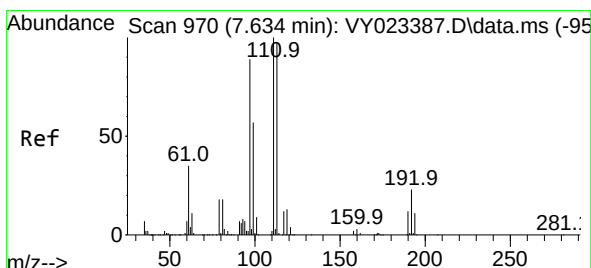
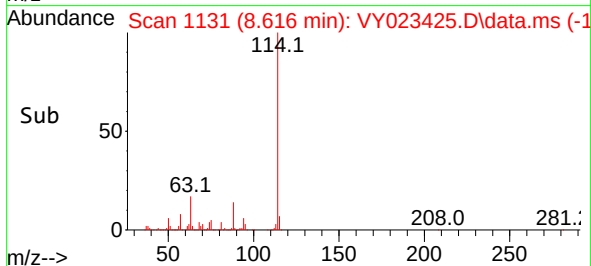
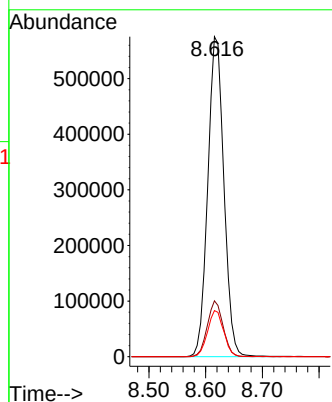
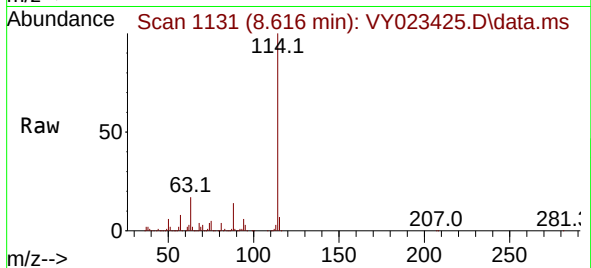
Tgt Ion:114 Resp: 1135832

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

88 14.4 0.0 28.4



#35

Dibromofluoromethane

Concen: 53.542 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023425.D

Acq: 10 Oct 2025 09:25

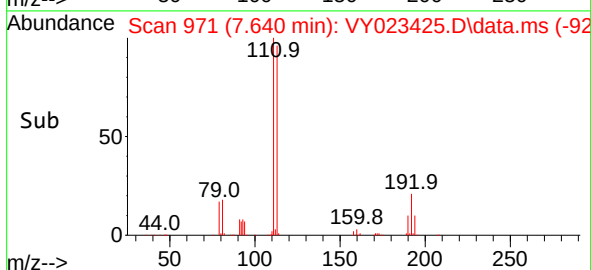
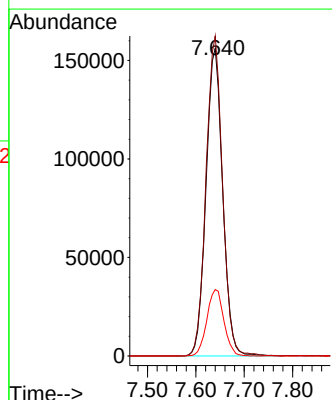
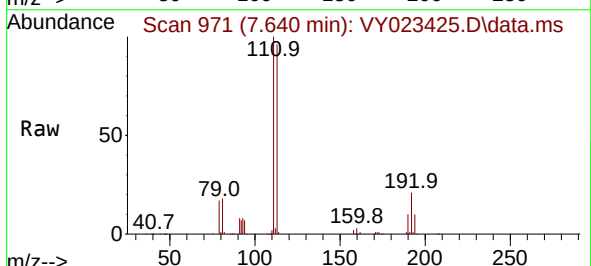
Tgt Ion:113 Resp: 373680

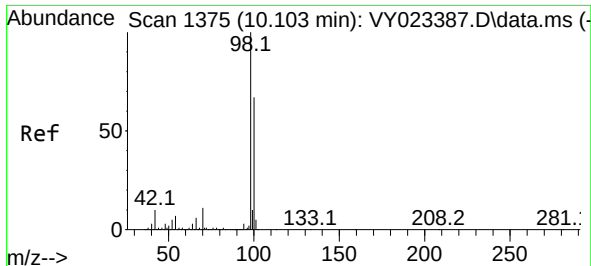
Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 22.0 18.0 27.0

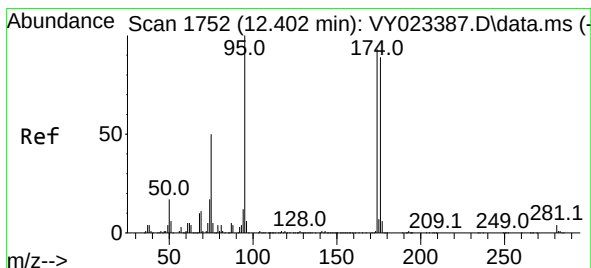
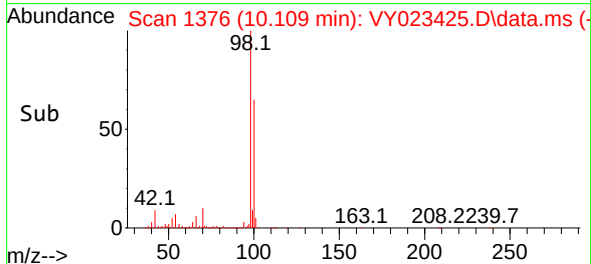
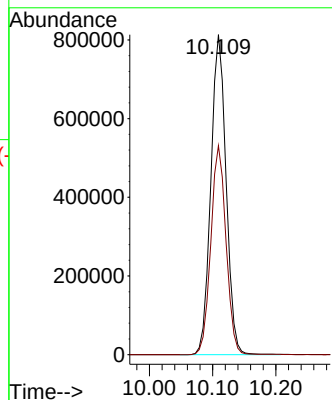
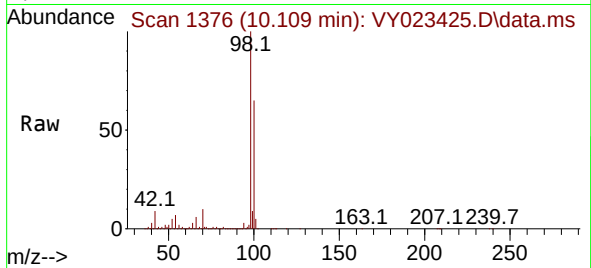




#50
Toluene-d8
Concen: 52.346 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023425.D
Acq: 10 Oct 2025 09:25

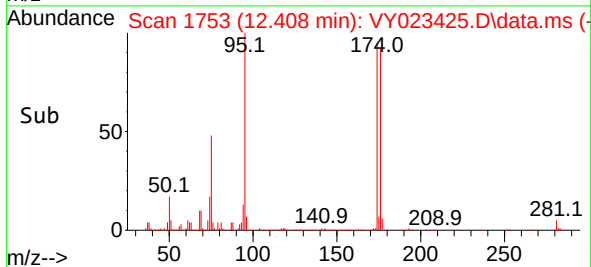
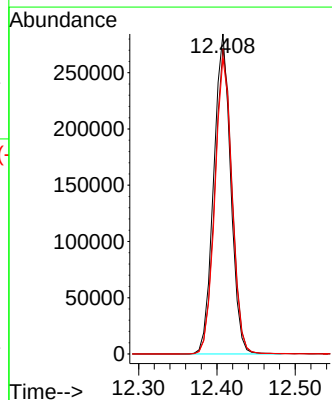
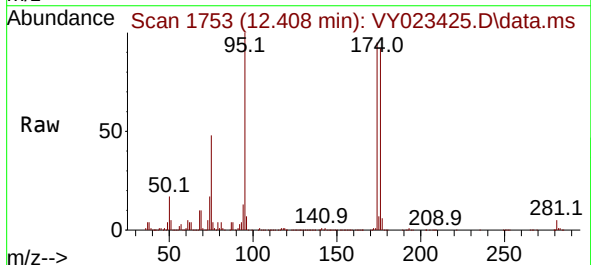
Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBL01

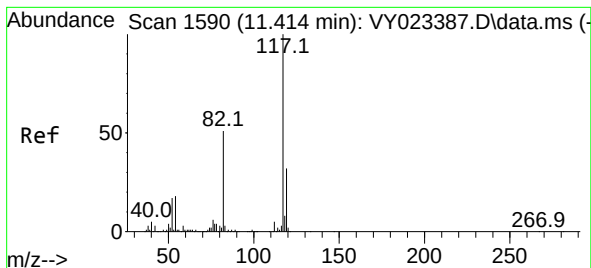
Tgt Ion: 98 Resp: 1360539
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.020 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023425.D
Acq: 10 Oct 2025 09:25

Tgt Ion: 95 Resp: 429222
Ion Ratio Lower Upper
95 100
174 96.8 0.0 192.8
176 93.1 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023425.D

Acq: 10 Oct 2025 09:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1010SBL01

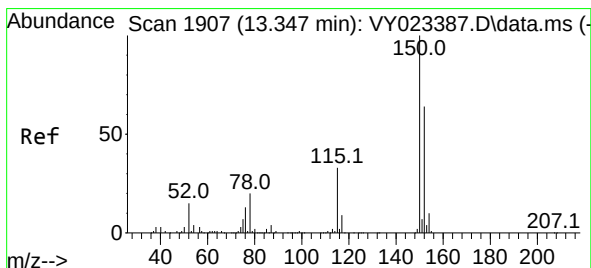
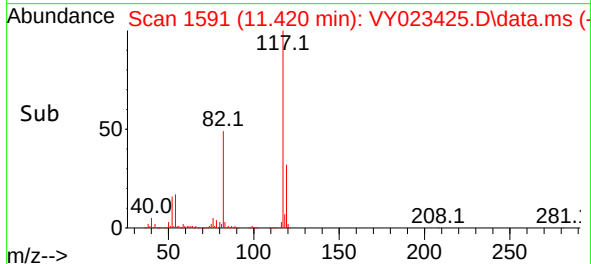
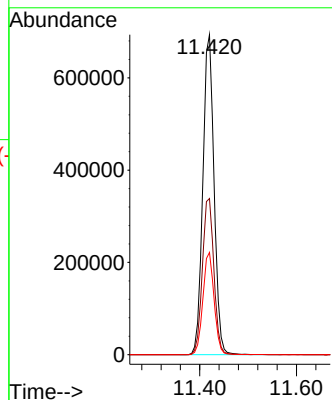
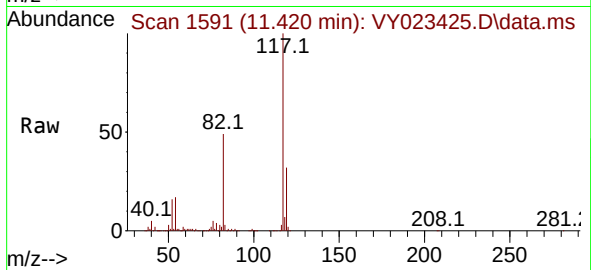
Tgt Ion:117 Resp: 1117193

Ion Ratio Lower Upper

117 100

82 48.8 41.0 61.4

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023425.D

Acq: 10 Oct 2025 09:25

Tgt Ion:152 Resp: 460059

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

150 156.6 0.0 347.4

