

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022760.D
 Acq On : 20 Jun 2025 12:14
 Operator : SY/MD
 Sample : VY0620SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL01

Quant Time: Jun 21 02:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	95443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	179591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	143517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	47021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	55848	52.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.640%
35) Dibromofluoromethane	7.640	113	56540	52.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.500%
50) Toluene-d8	10.109	98	216594	50.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.408	95	49998	38.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.480%

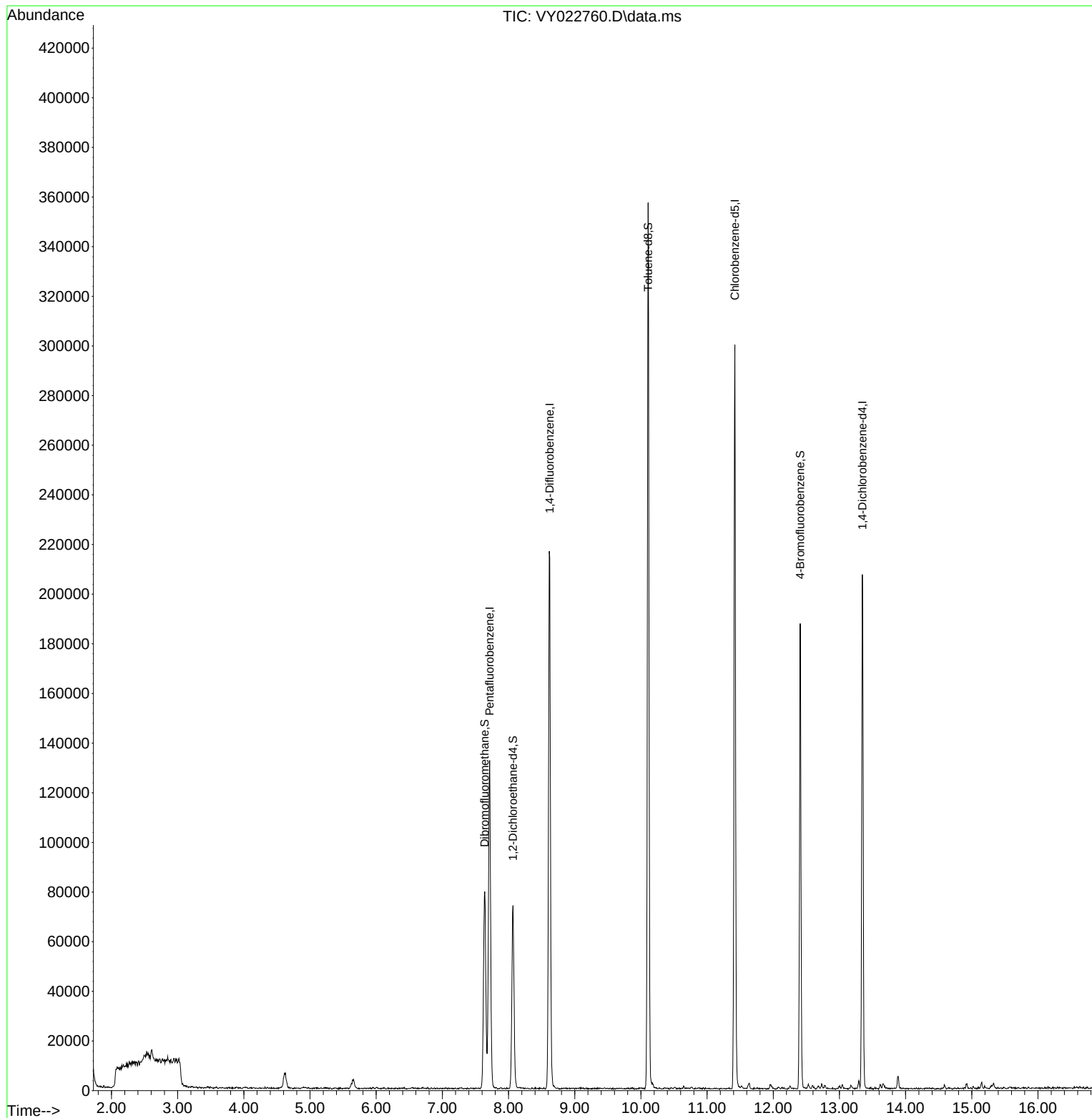
Target Compounds	Qvalue

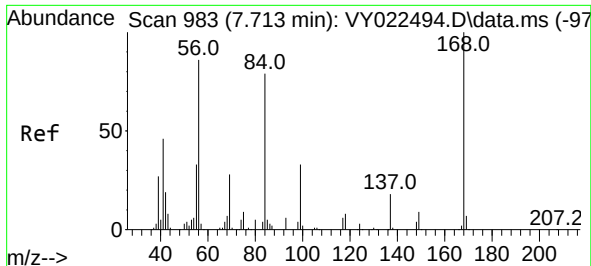
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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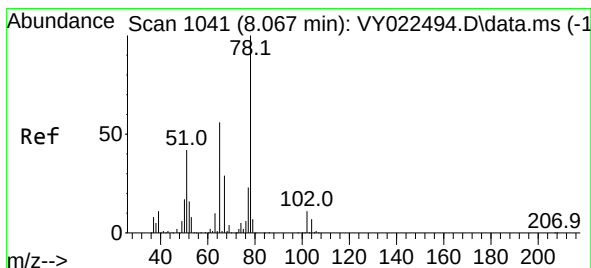
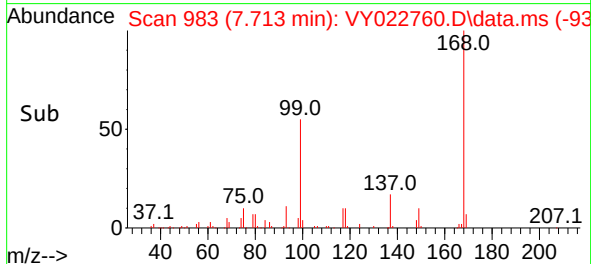
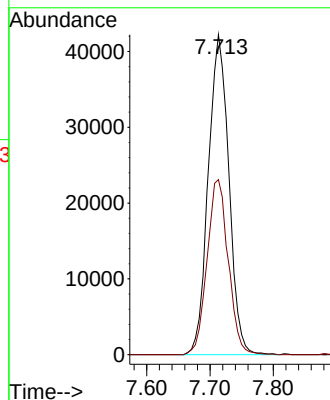
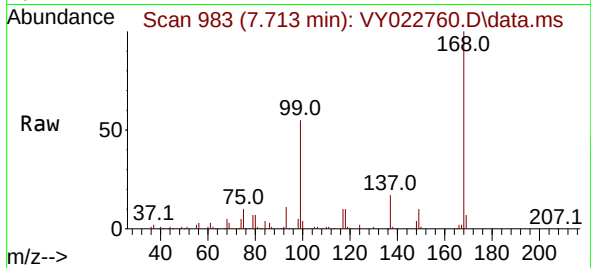




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

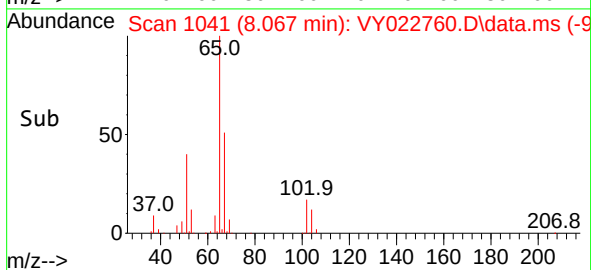
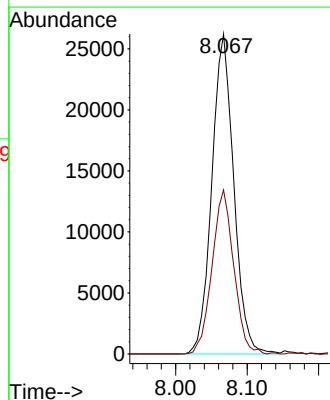
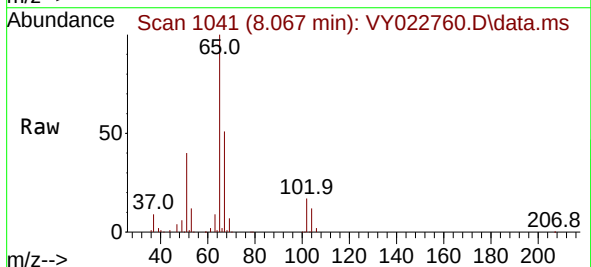
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

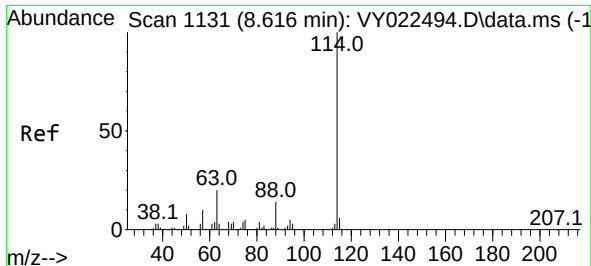
Tgt Ion:168 Resp: 95443
Ion Ratio Lower Upper
168 100
99 54.7 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.318 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

Tgt Ion: 65 Resp: 55848
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

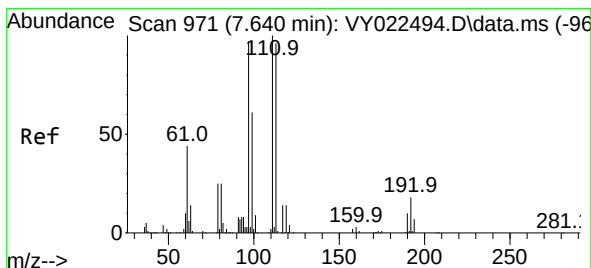
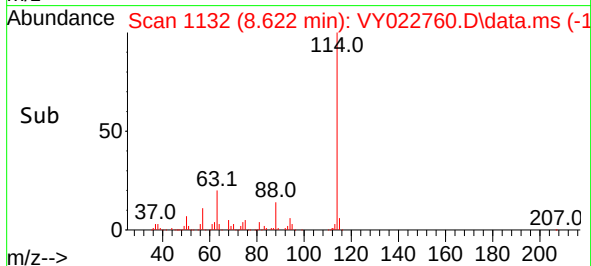
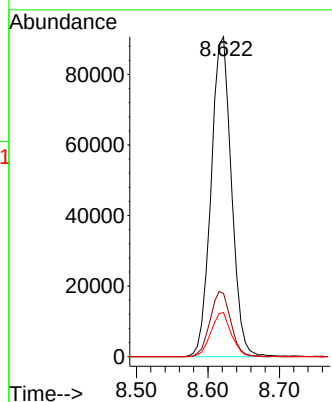
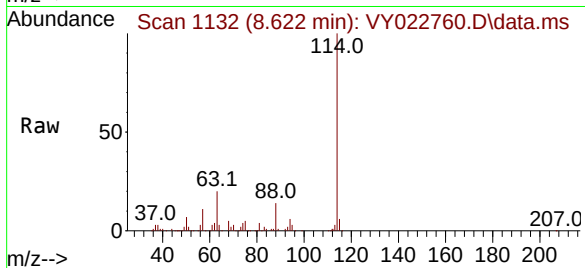




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

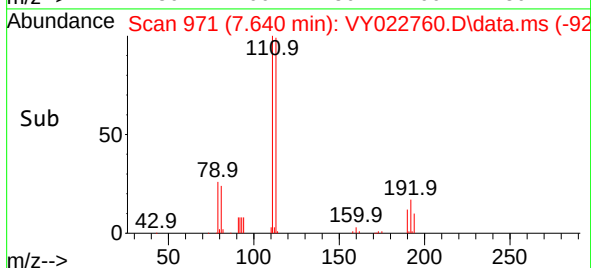
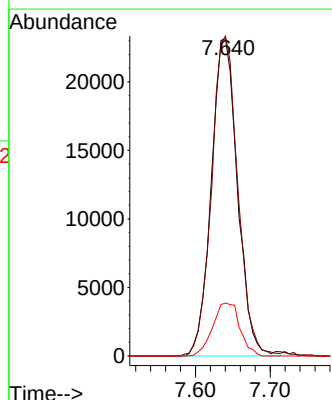
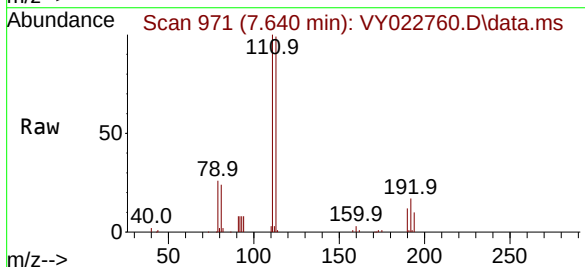
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

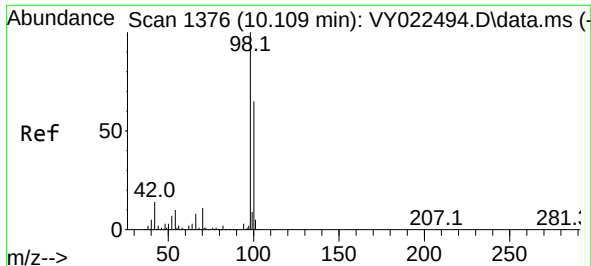
Tgt Ion:114 Resp: 179591
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 13.8 0.0 27.8



#35
Dibromofluoromethane
Concen: 52.745 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

Tgt Ion:113 Resp: 56540
Ion Ratio Lower Upper
113 100
111 100.5 81.1 121.7
192 17.3 14.2 21.2

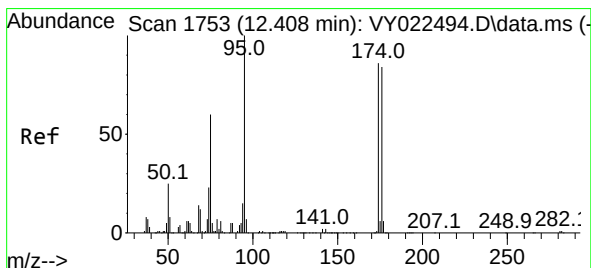
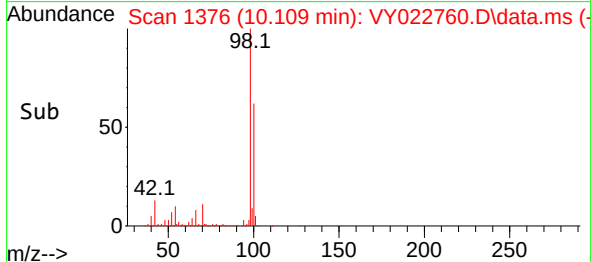
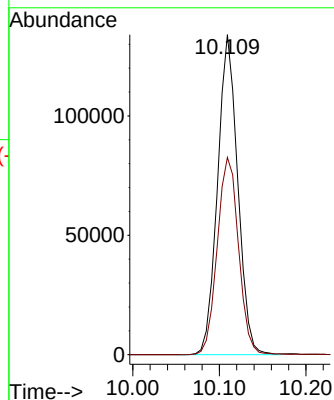
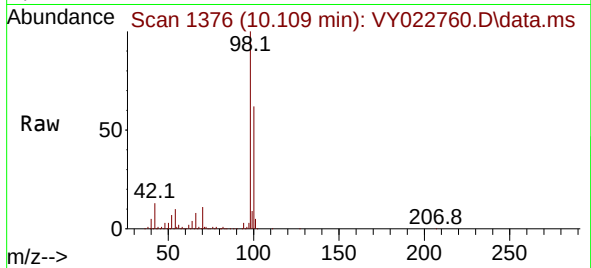




#50
Toluene-d8
Concen: 50.006 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

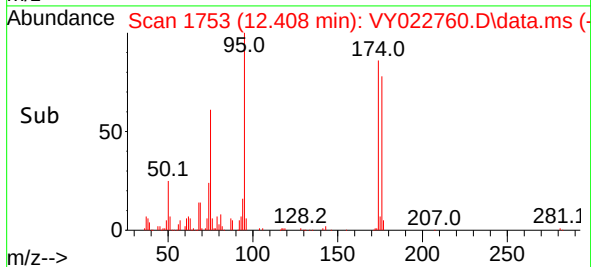
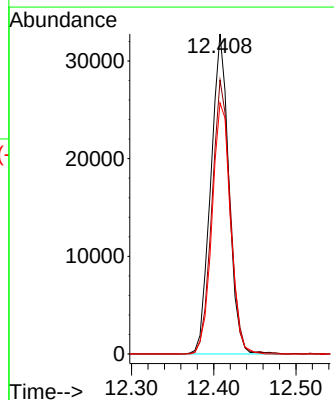
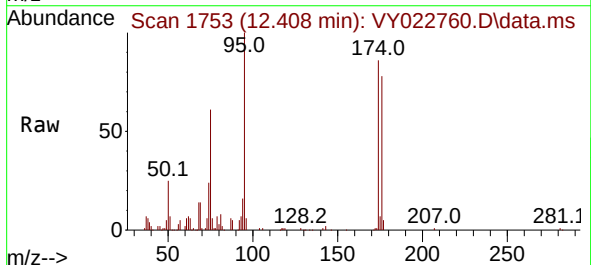
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

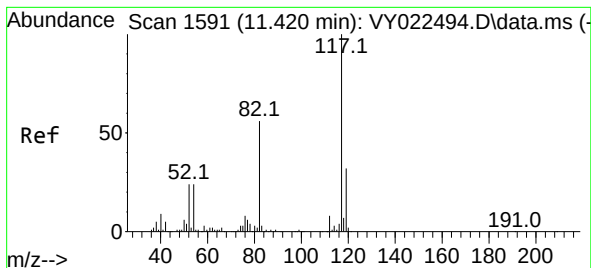
Tgt Ion: 98 Resp: 216594
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 38.743 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022760.D
Acq: 20 Jun 2025 12:14

Tgt Ion: 95 Resp: 49998
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.0
176 80.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022760.D

Acq: 20 Jun 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBL01

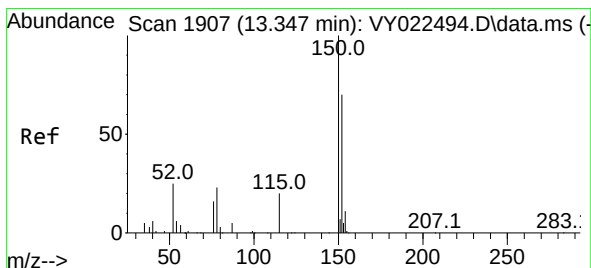
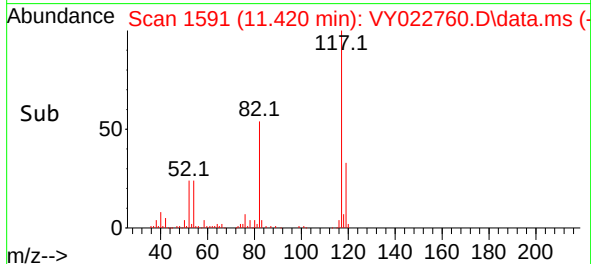
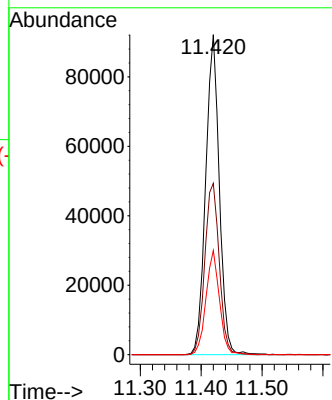
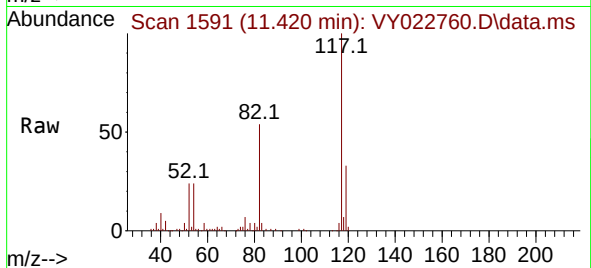
Tgt Ion:117 Resp: 143517

Ion Ratio Lower Upper

117 100

82 53.5 44.6 66.8

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022760.D

Acq: 20 Jun 2025 12:14

Tgt Ion:152 Resp: 47021

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 157.0 0.0 349.6

