

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022653.D
 Acq On : 11 Jun 2025 10:30
 Operator : SY/MD
 Sample : VY0611SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBL01

Quant Time: Jun 12 05:03:18 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	7.707	168	167932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	245642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	84338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90855	48.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.634	113	93125	50.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.109	98	371516	49.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.408	95	87668	39.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.160%

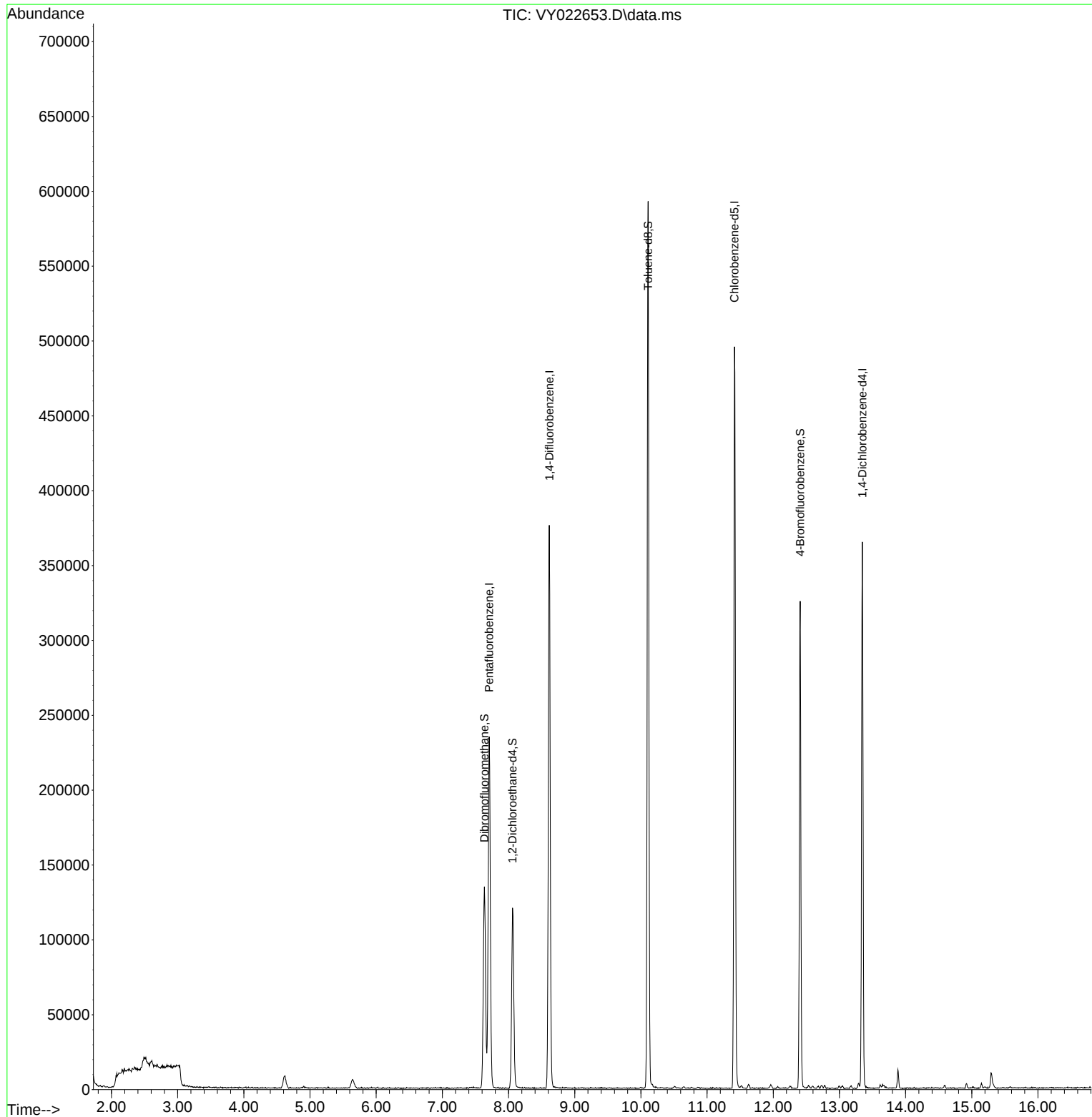
Target Compounds	Qvalue

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

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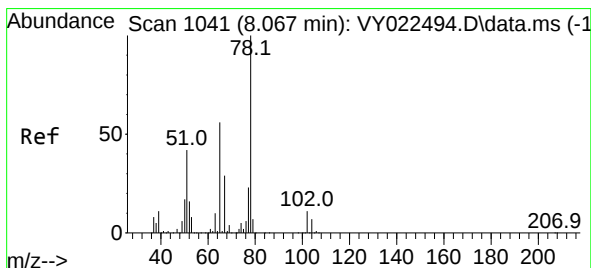
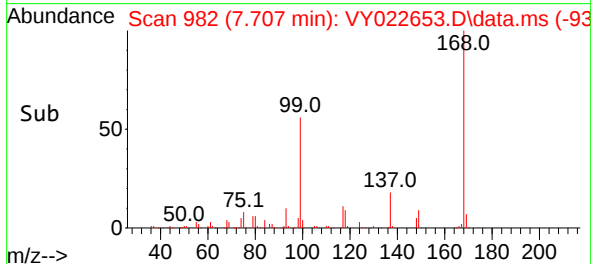
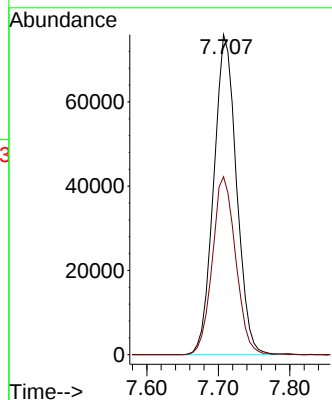
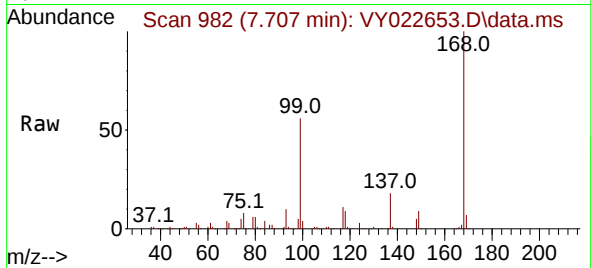




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

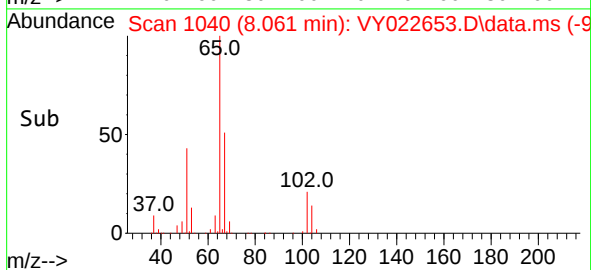
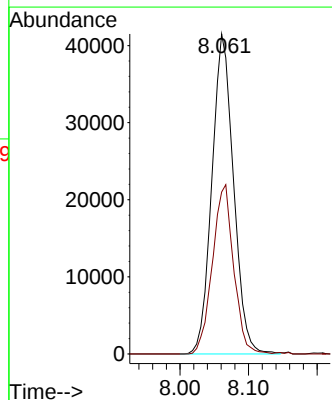
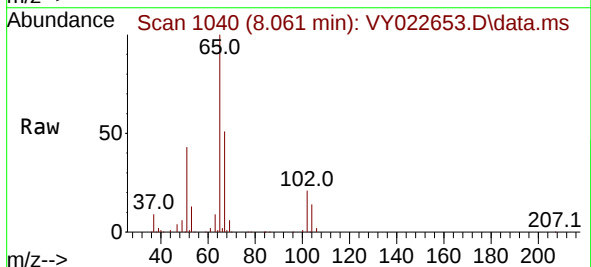
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

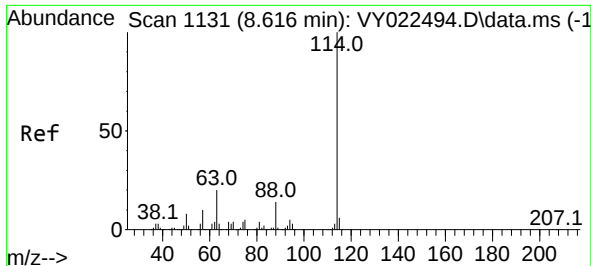
Tgt Ion:168 Resp: 167932
Ion Ratio Lower Upper
168 100
99 55.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.373 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 65 Resp: 90855
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

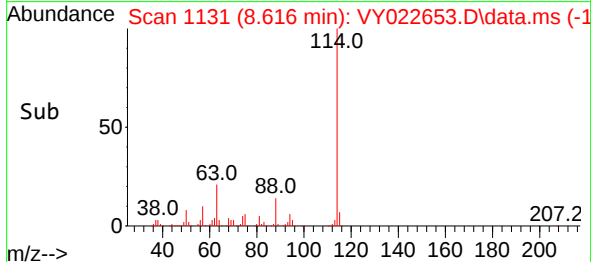
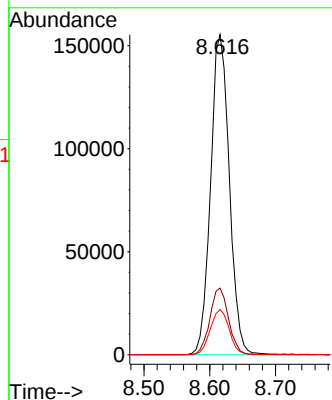
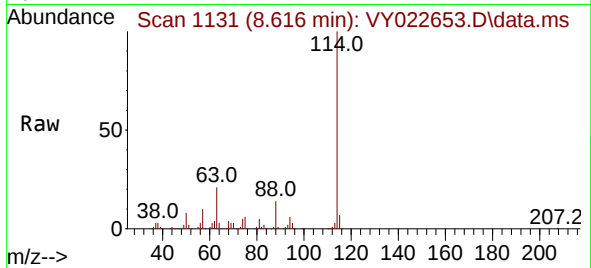




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

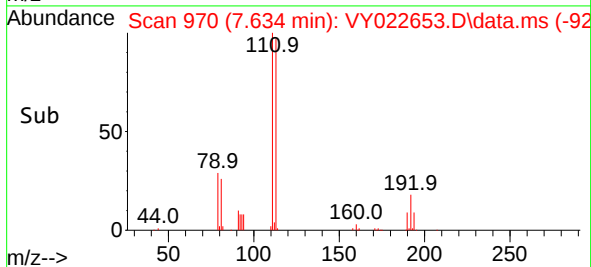
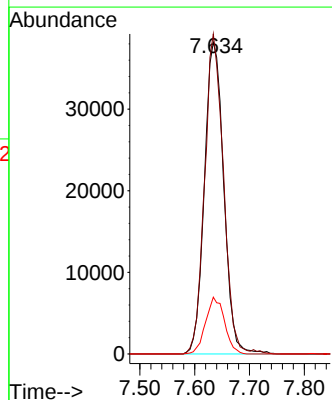
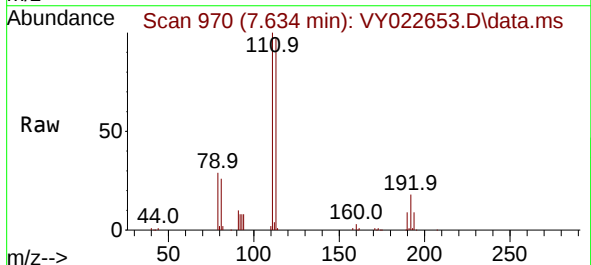
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

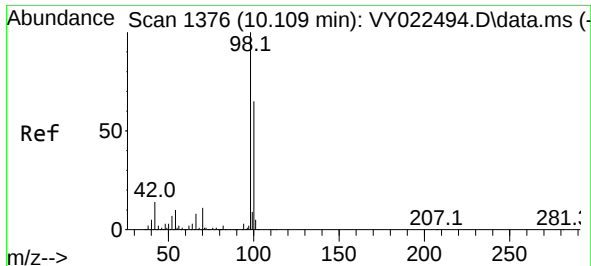
Tgt Ion:114 Resp: 308222
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 14.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.619 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:113 Resp: 93125
Ion Ratio Lower Upper
113 100
111 99.9 81.1 121.7
192 17.9 14.2 21.2

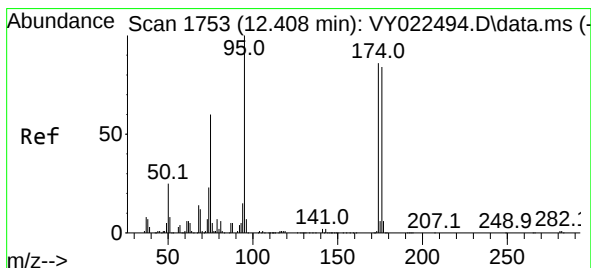
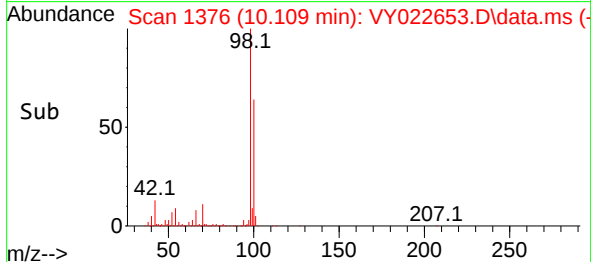
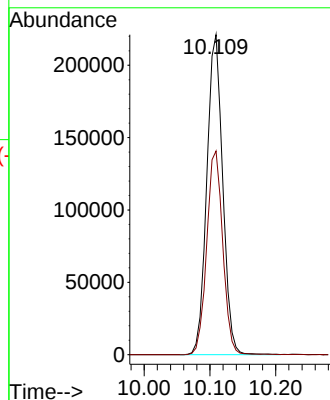
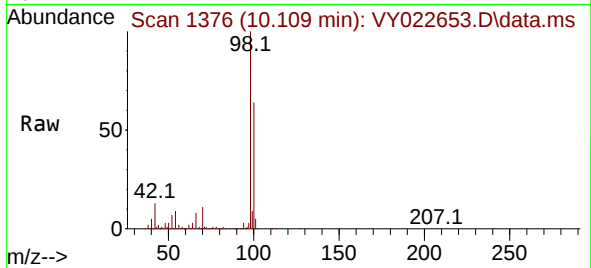




#50
Toluene-d8
Concen: 49.978 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

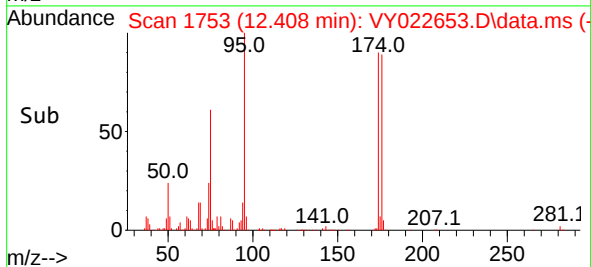
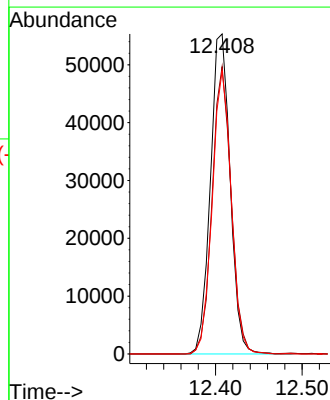
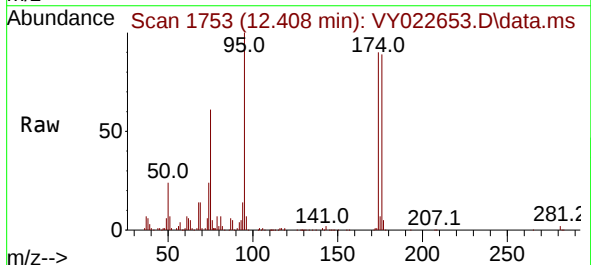
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

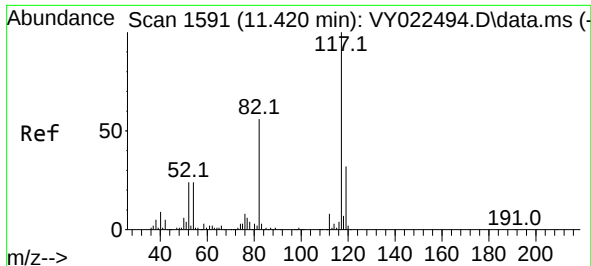
Tgt Ion: 98 Resp: 371516
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.582 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion: 95 Resp: 87668
Ion Ratio Lower Upper
95 100
174 86.5 0.0 170.0
176 85.4 0.0 166.2

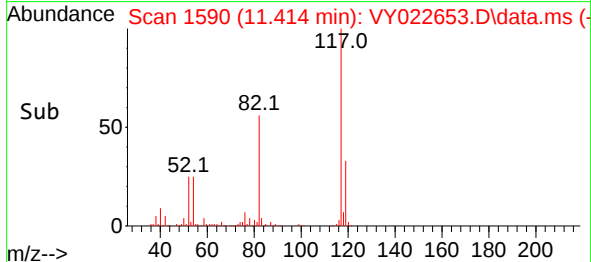
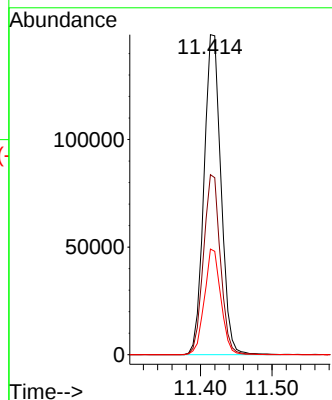
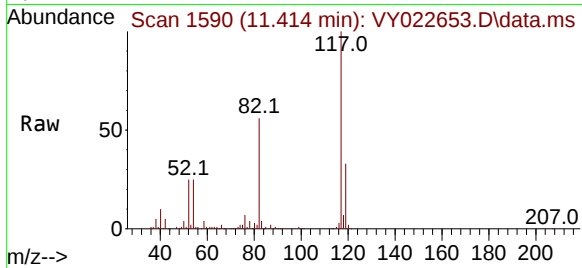




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022653.D
Acq: 11 Jun 2025 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion:117 Resp: 245642
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 33.0 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: VY022653.D
Acq: 11 Jun 2025 10:30

Tgt Ion:152 Resp: 84338
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 158.2 0.0 349.6

