

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023359.D
 Acq On : 12 Sep 2025 11:09
 Operator : SY/MD
 Sample : Q3075-08RE
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-25-0260RE

Quant Time: Sep 12 23:59:57 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)

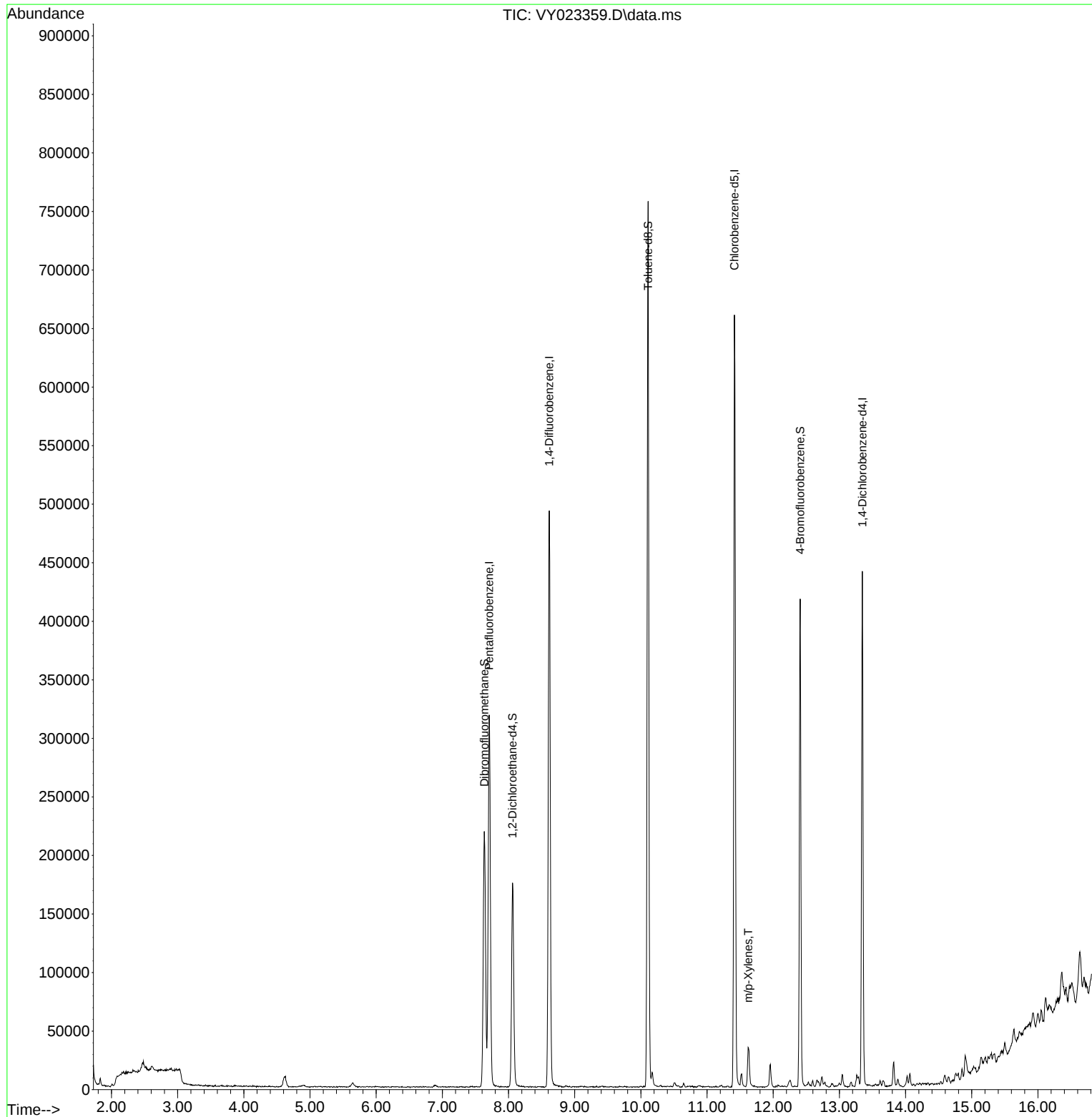
Internal Standards						
1) Pentafluorobenzene	7.707	168	258984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	371859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139530	61.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.620%
35) Dibromofluoromethane	7.634	113	158927	57.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.060%
50) Toluene-d8	10.109	98	512176	48.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.408	95	126524	38.209	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.420%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.621	106	11268	2.114	ug/l	93

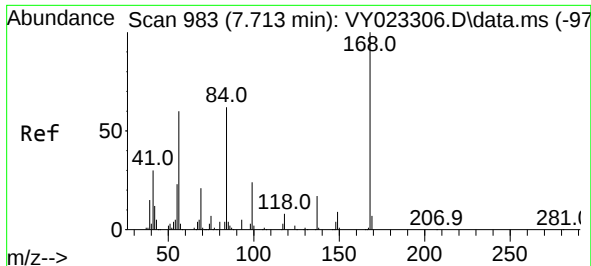
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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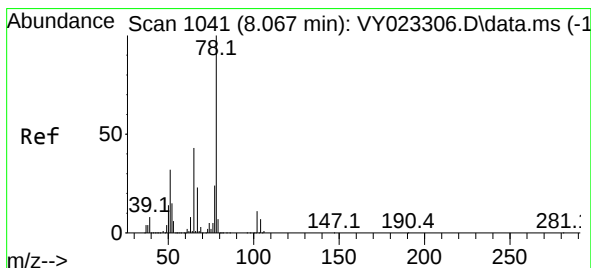
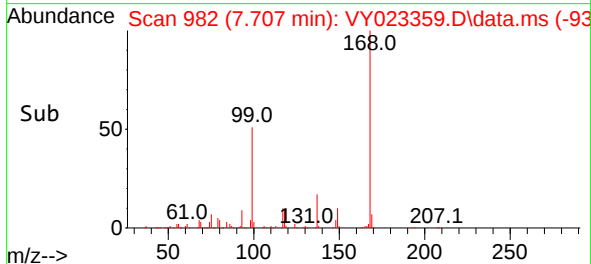
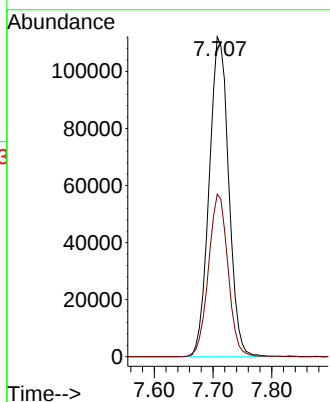
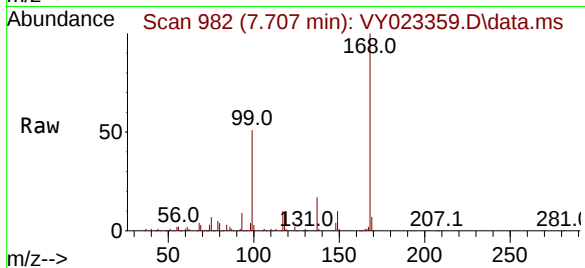




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

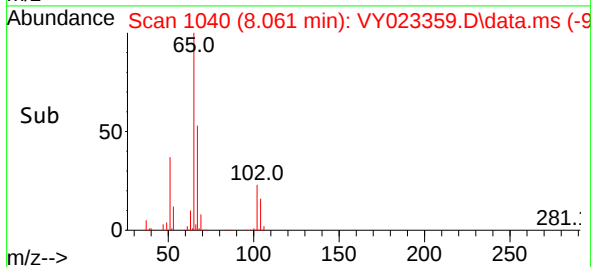
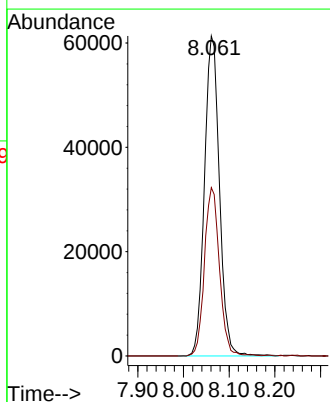
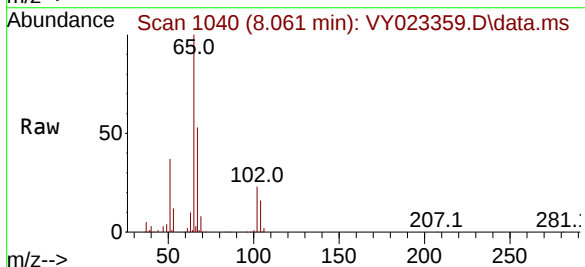
Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0260RE

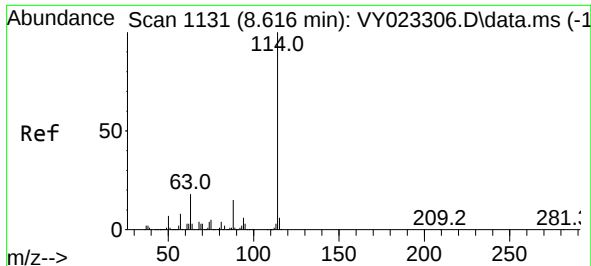
Tgt Ion:168 Resp: 258984
Ion Ratio Lower Upper
168 100
99 50.8 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 61.312 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

Tgt Ion: 65 Resp: 139530
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

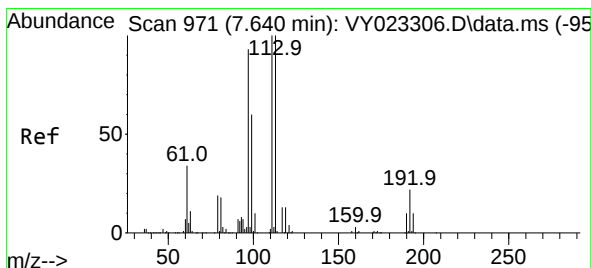
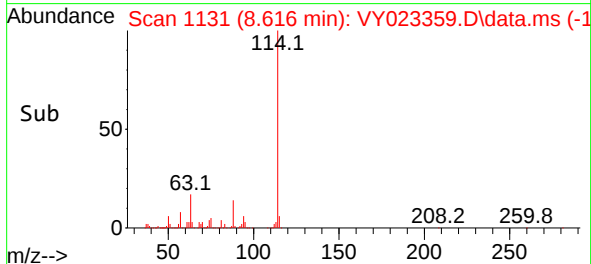
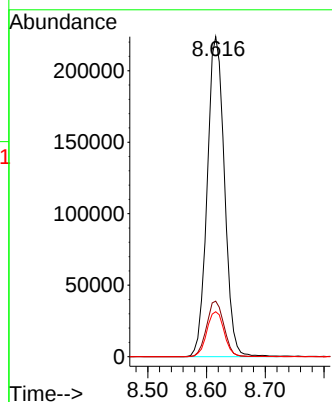
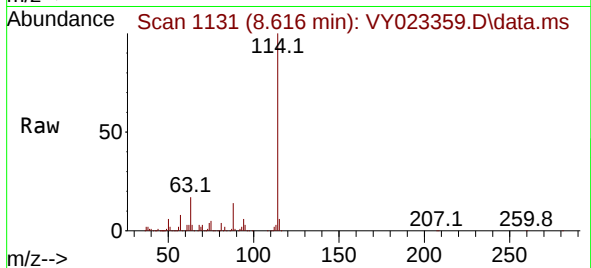




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

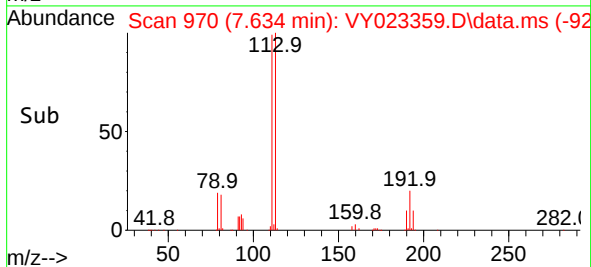
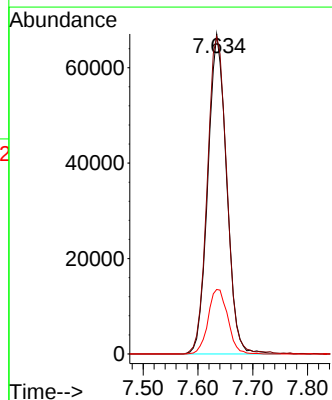
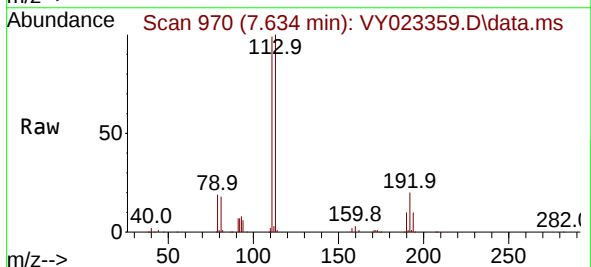
Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0260RE

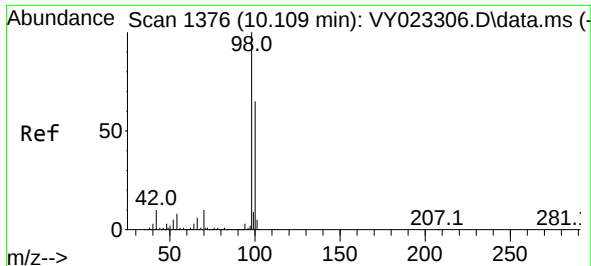
Tgt Ion:114 Resp: 455874
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.4
88 14.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 57.033 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

Tgt Ion:113 Resp: 158927
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 21.1 16.2 24.4

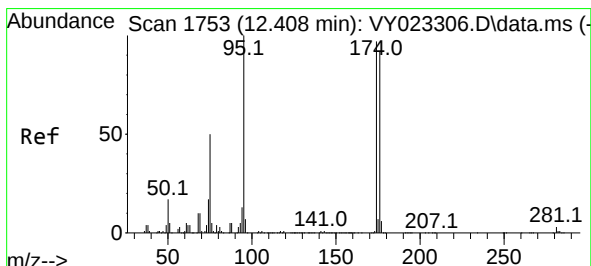
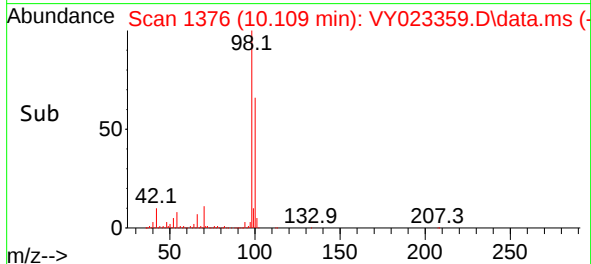
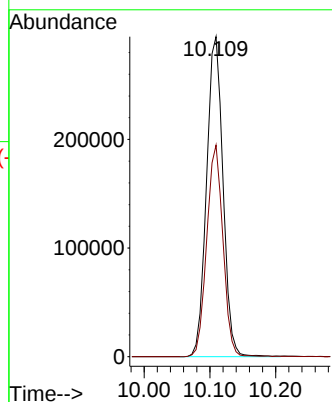
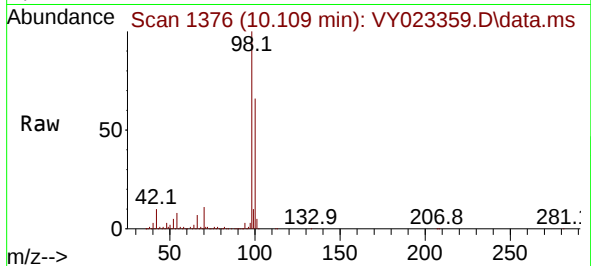




#50
Toluene-d8
Concen: 48.675 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

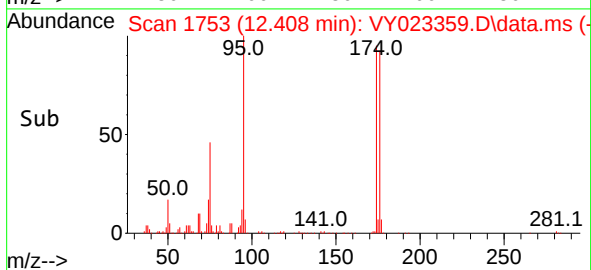
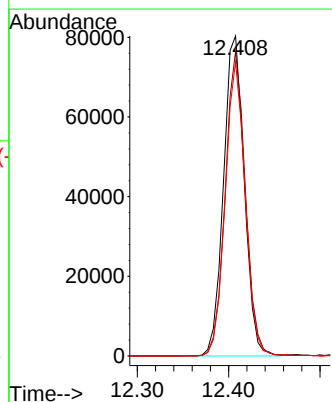
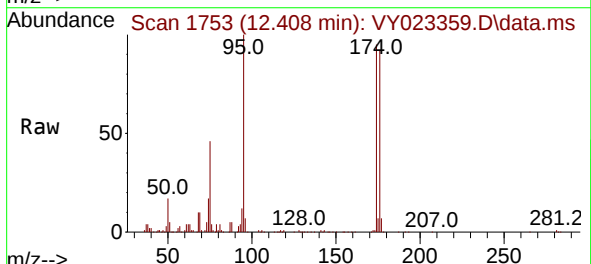
Instrument :
MSVOA_Y
ClientSampleId :
MOO-25-0260RE

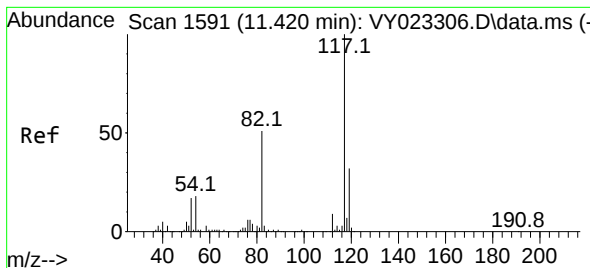
Tgt Ion: 98 Resp: 512176
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.209 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023359.D
Acq: 12 Sep 2025 11:09

Tgt Ion: 95 Resp: 126524
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.006 min

Lab File: VY023359.D

Acq: 12 Sep 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

MOO-25-0260RE

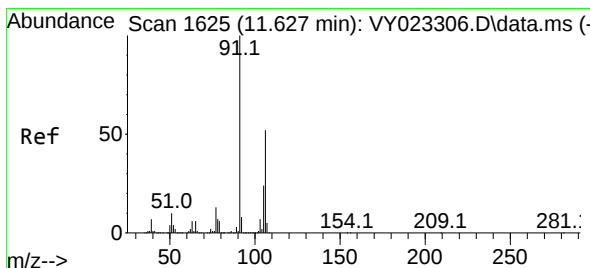
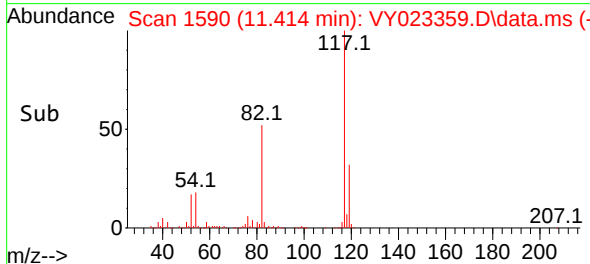
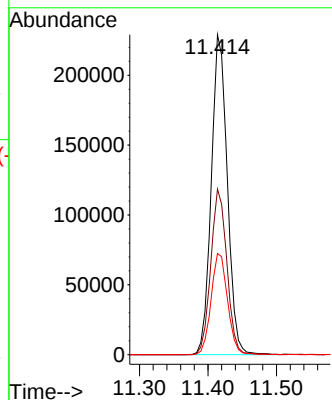
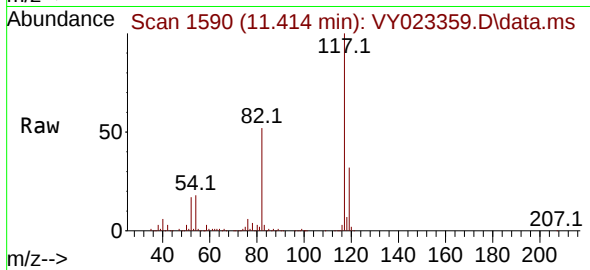
Tgt Ion:117 Resp: 371859

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 2.114 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. 0.000 min

Lab File: VY023359.D

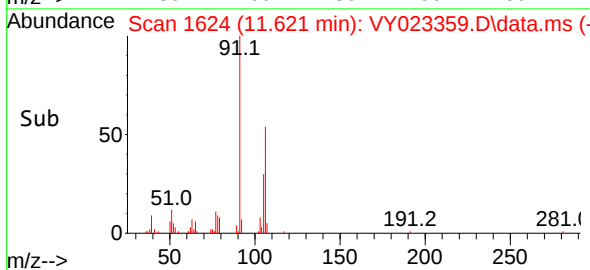
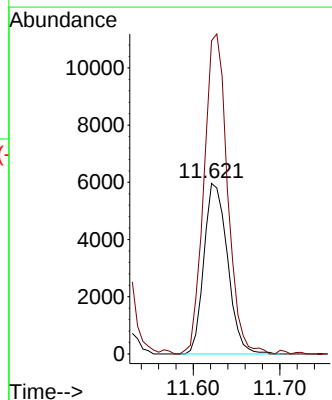
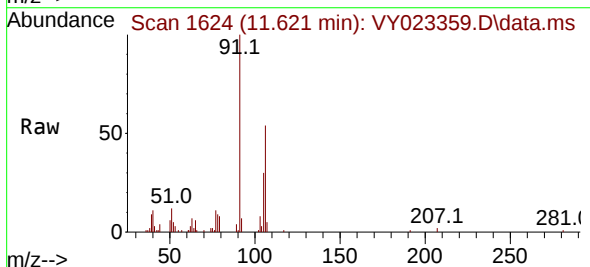
Acq: 12 Sep 2025 11:09

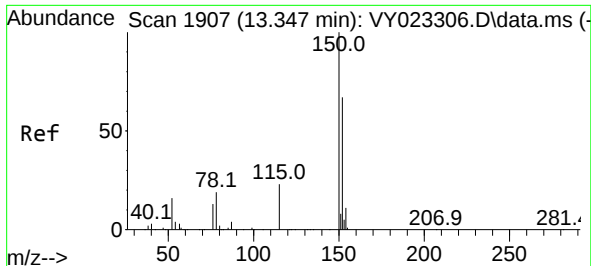
Tgt Ion:106 Resp: 11268

Ion Ratio Lower Upper

106 100

91 187.4 158.6 238.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY023359.D
 Acq: 12 Sep 2025 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-25-0260RE

Tgt Ion:152 Resp: 114636
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.6
 150 159.7 0.0 348.0

