

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
 Data File : VY023085.D
 Acq On : 14 Aug 2025 10:50
 Operator : SY/MD
 Sample : VY0814SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBL01

Quant Time: Aug 14 14:46:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	514218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1013413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	885359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283810	57.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.820%
35) Dibromofluoromethane	7.634	113	324298	53.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.103	98	1256505	53.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.402	95	343286	45.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.120%

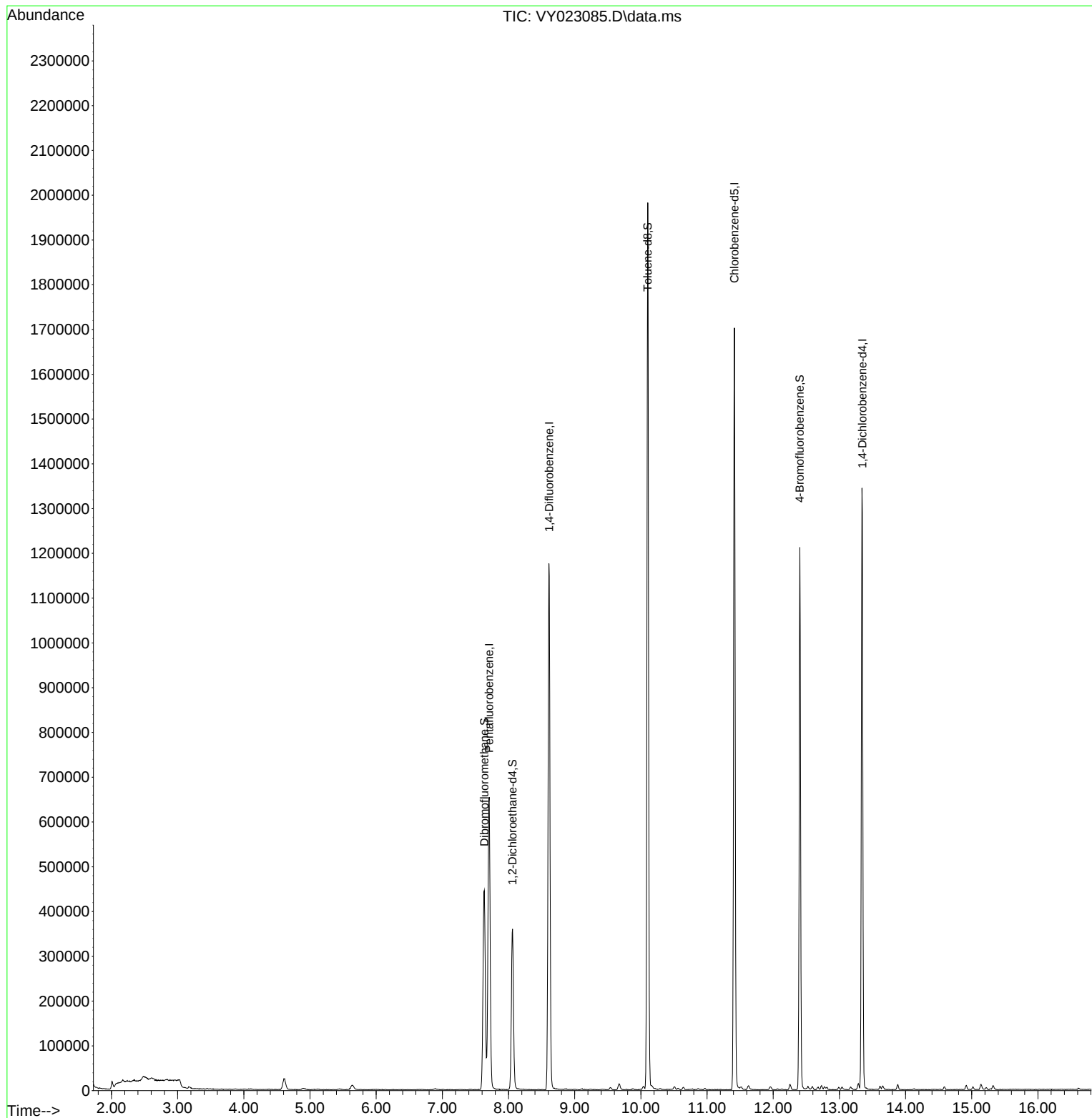
Target Compounds	Qvalue

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

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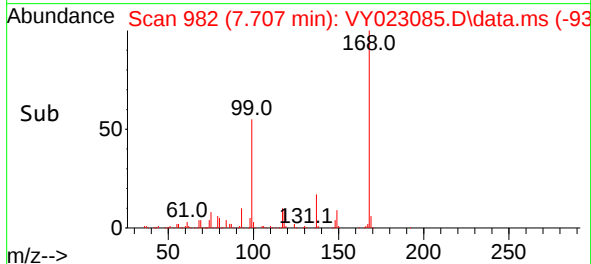
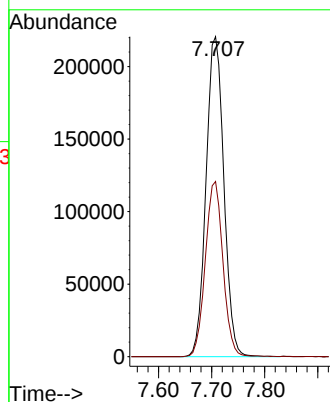
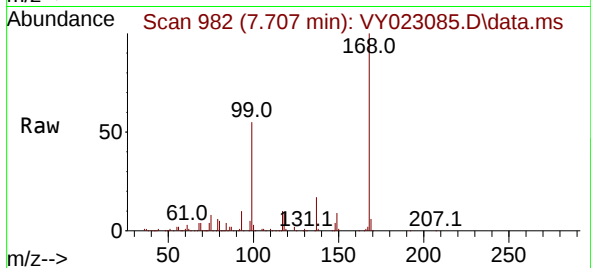




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

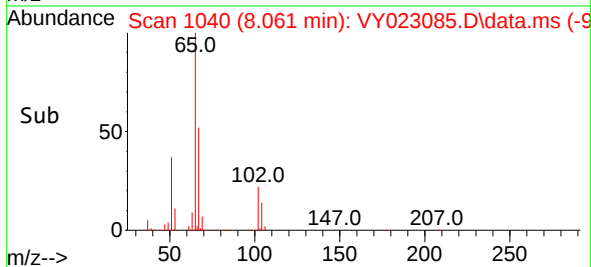
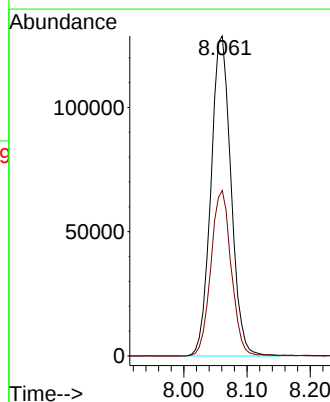
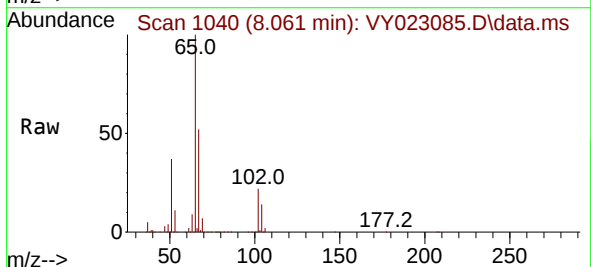
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:168 Resp: 514218
Ion Ratio Lower Upper
168 100
99 54.8 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 57.910 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 65 Resp: 283810
Ion Ratio Lower Upper
65 100
67 52.3 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: VY023085.D

Acq: 14 Aug 2025 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0814SBL01

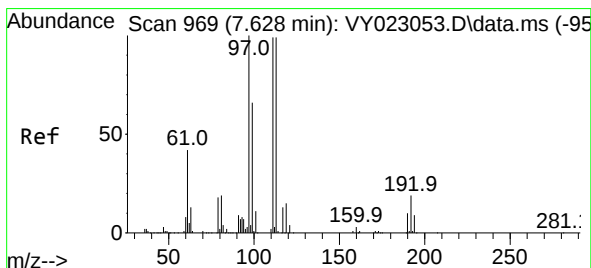
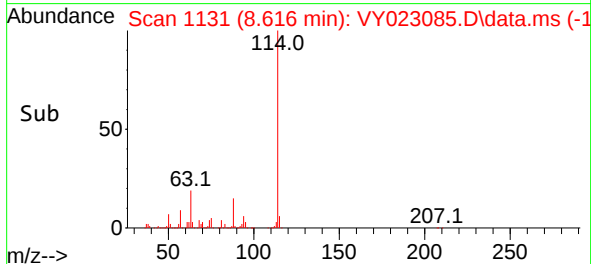
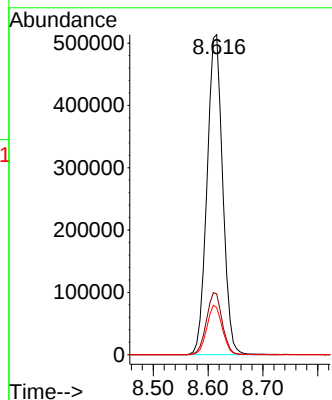
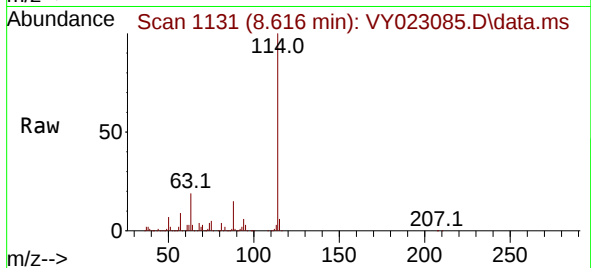
Tgt Ion:114 Resp: 1013413

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.480 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY023085.D

Acq: 14 Aug 2025 10:50

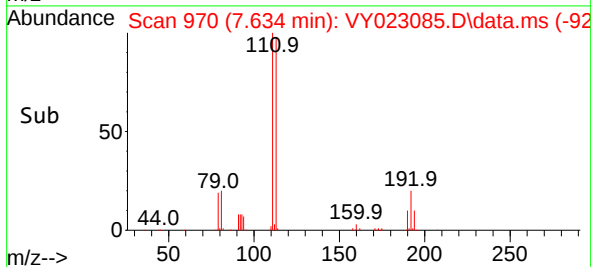
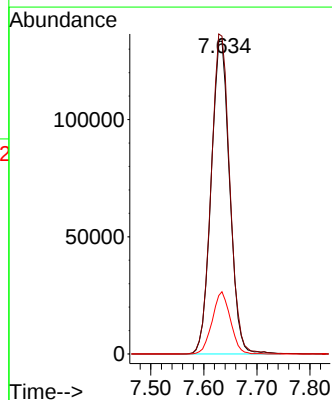
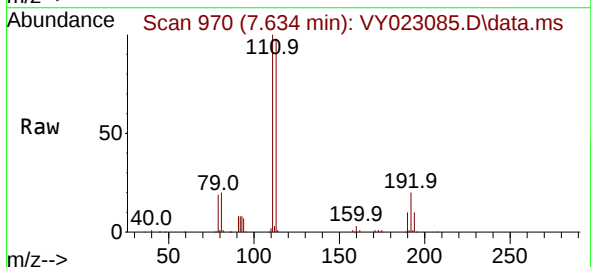
Tgt Ion:113 Resp: 324298

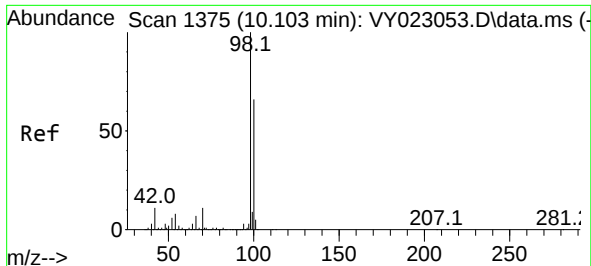
Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

192 19.5 16.2 24.4

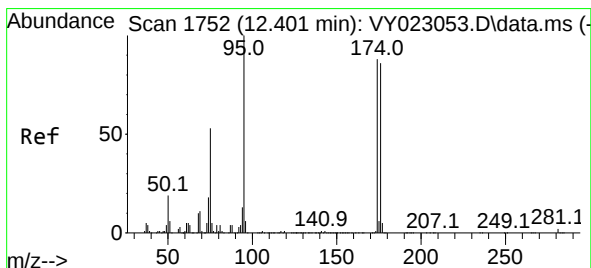
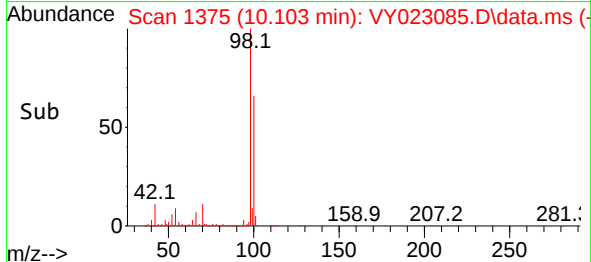
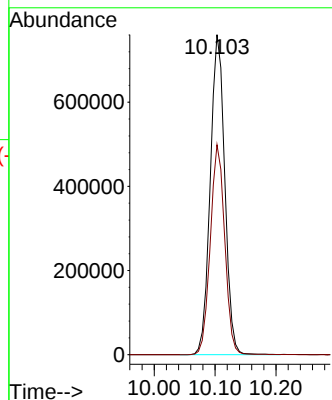
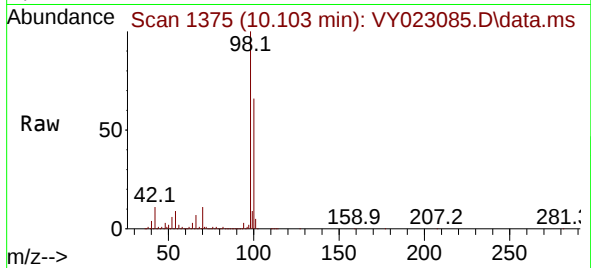




#50
Toluene-d8
Concen: 53.041 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

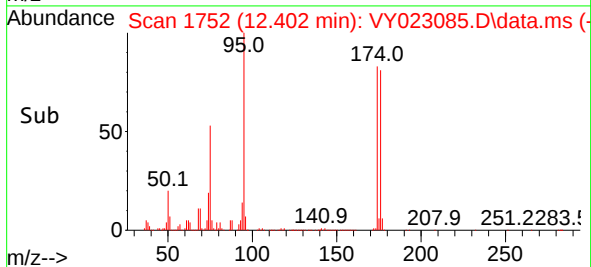
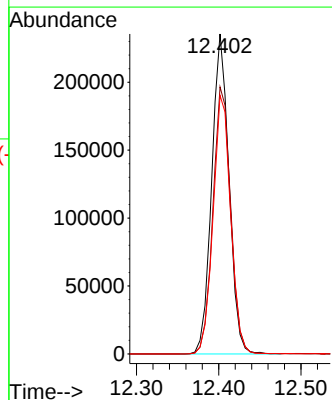
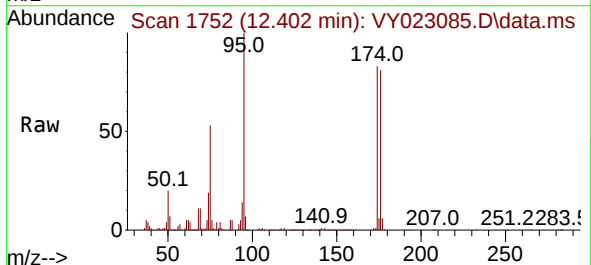
Instrument :
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VY0814SBL01

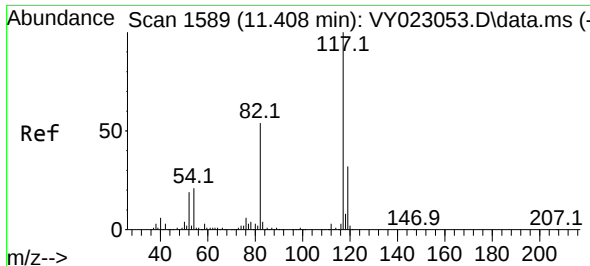
Tgt Ion: 98 Resp: 1256505
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion: 95 Resp: 343286
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 82.4 0.0 167.6

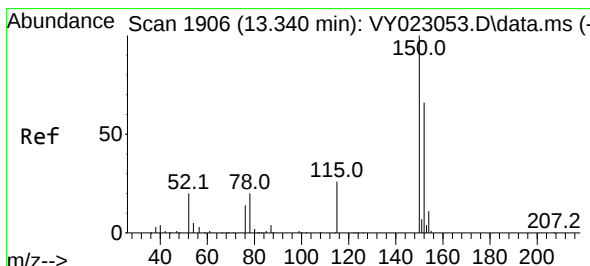
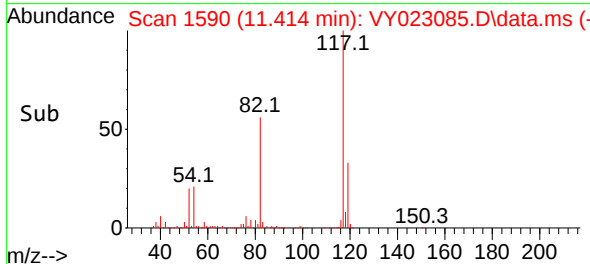
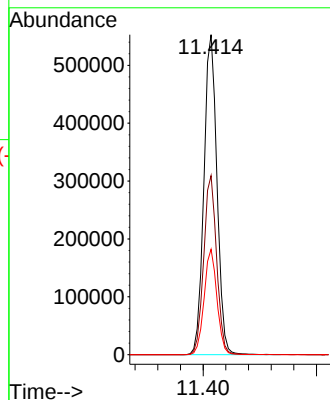
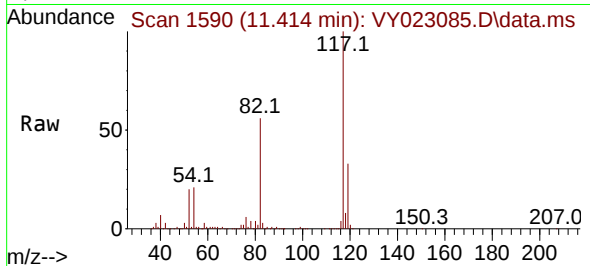




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion:117 Resp: 885359
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023085.D
Acq: 14 Aug 2025 10:50

Tgt Ion:152 Resp: 340788
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.6
150 155.5 0.0 348.0

