

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023833.D
 Acq On : 01 Dec 2025 10:38
 Operator : SY/MD
 Sample : Q3719-09RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-15ARE

Quant Time: Dec 02 03:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	60762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	124548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	63239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83291	140.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	281.520%#
35) Dibromofluoromethane	7.640	113	57051	77.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	154.640%#
50) Toluene-d8	10.109	98	147632	50.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.407	95	55849	57.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.840%

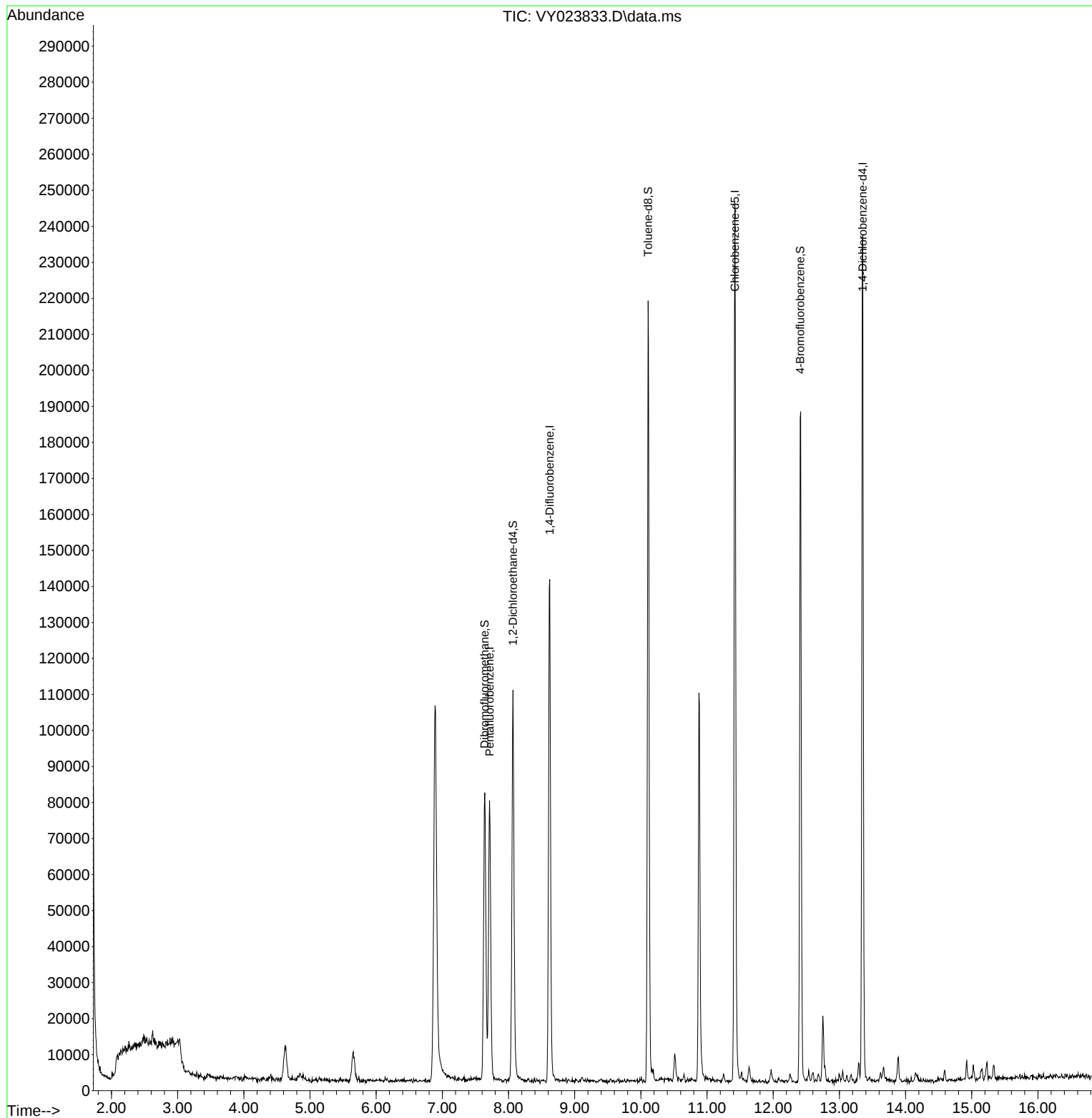
Target Compounds	Qvalue

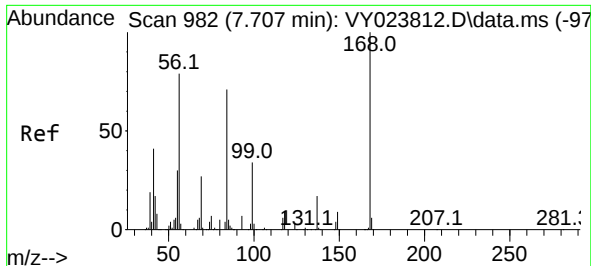
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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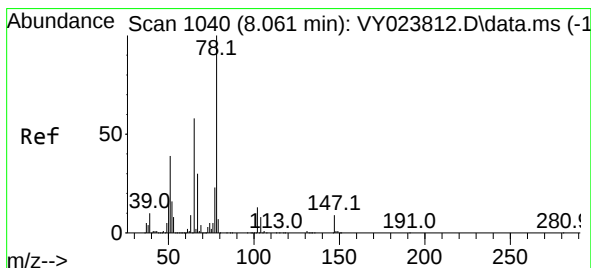
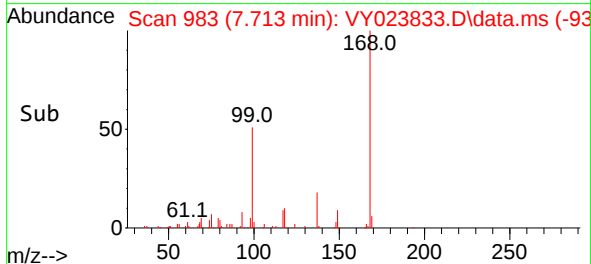
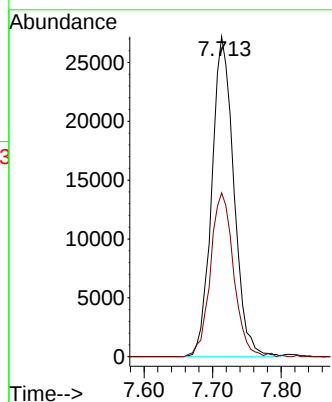
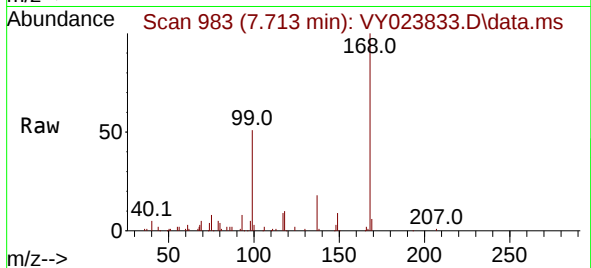




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

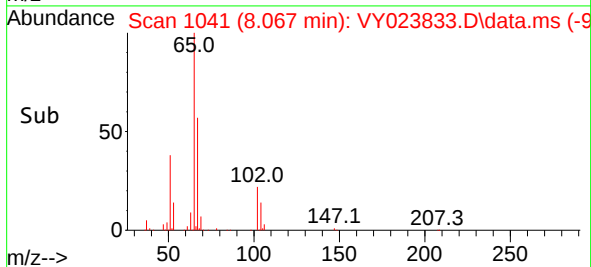
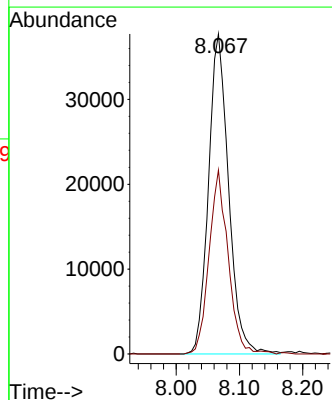
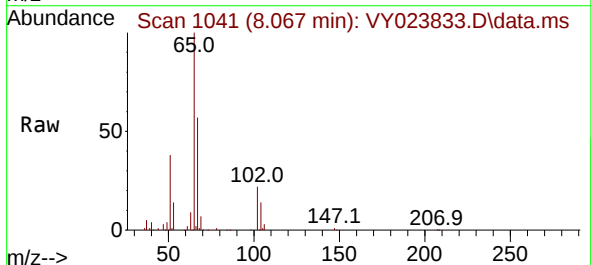
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-15ARE

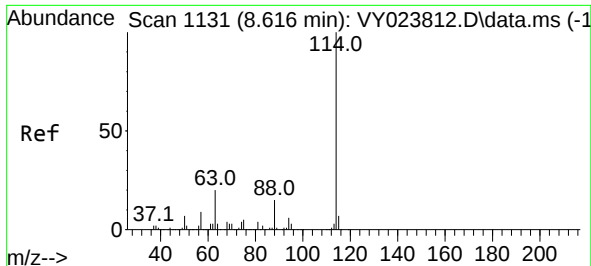
Tgt Ion:168 Resp: 60762
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 140.759 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion: 65 Resp: 83291
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.4

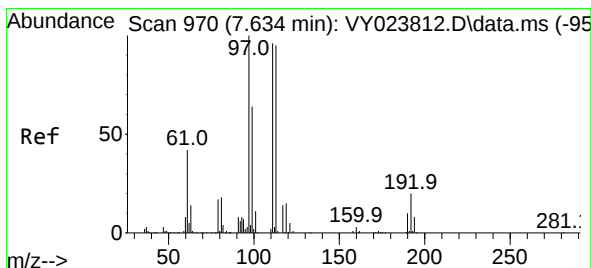
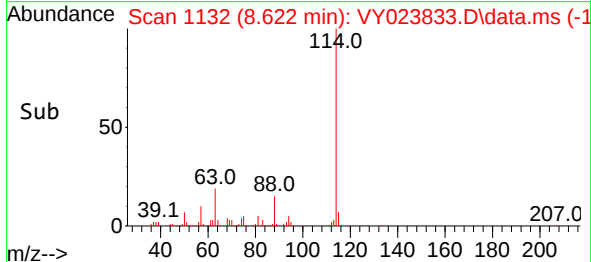
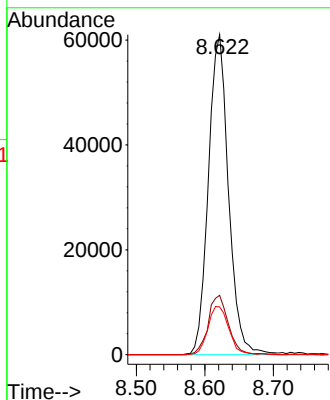
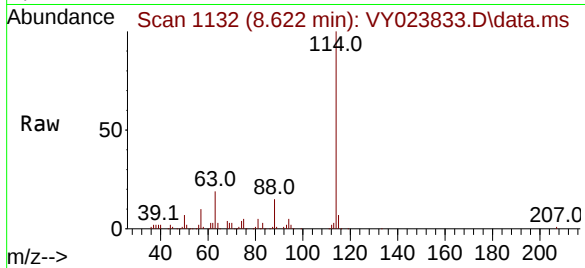




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

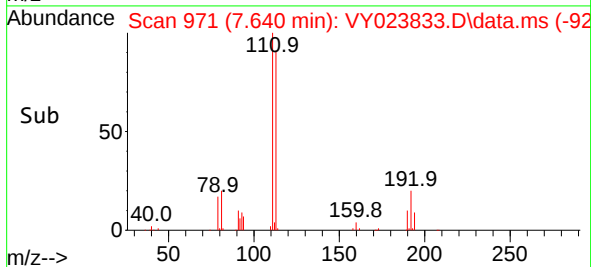
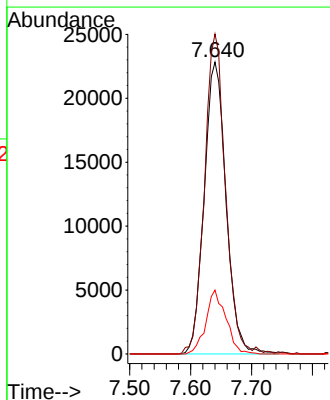
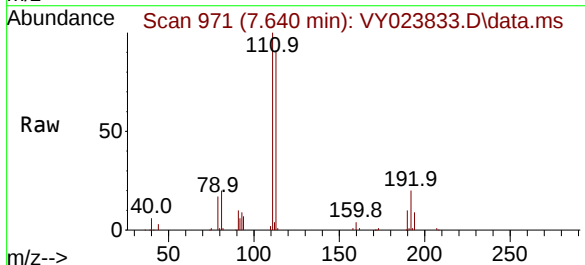
Instrument :
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ClientSampleId :
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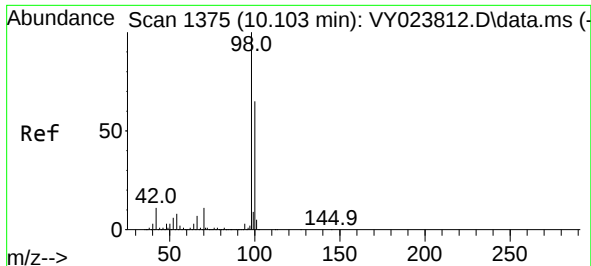
Tgt Ion:114 Resp: 124548
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 77.325 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion:113 Resp: 57051
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 20.0 15.8 23.8

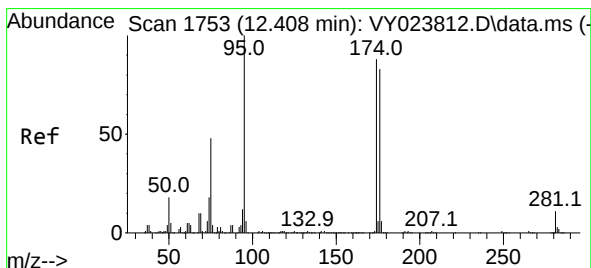
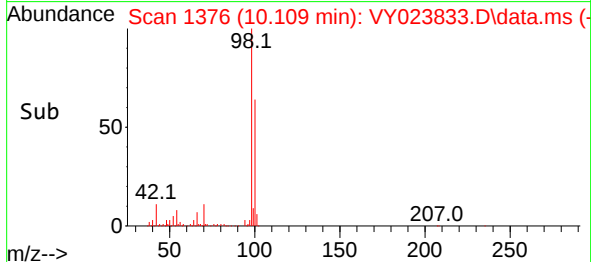
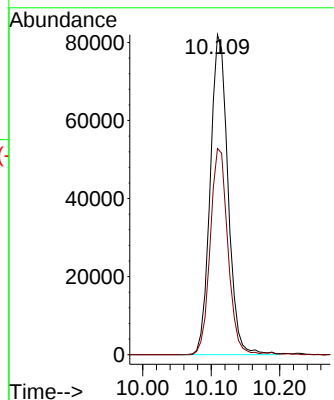
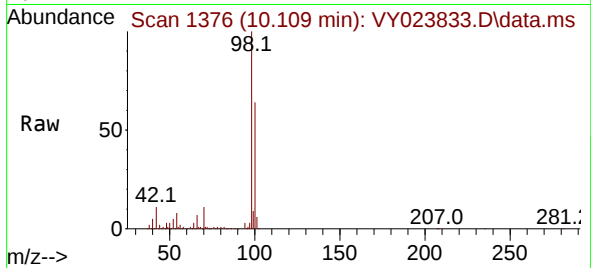




#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

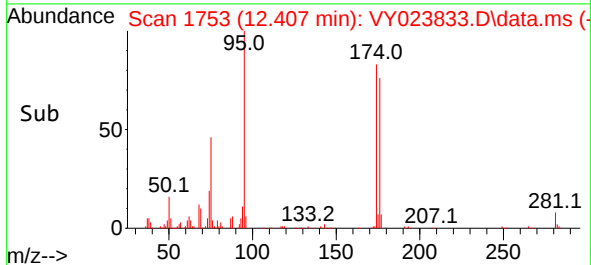
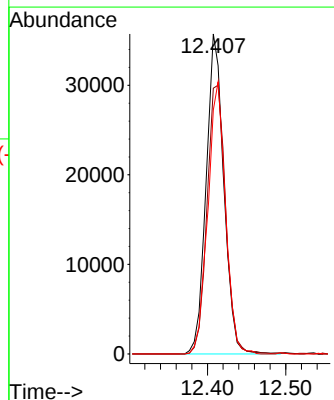
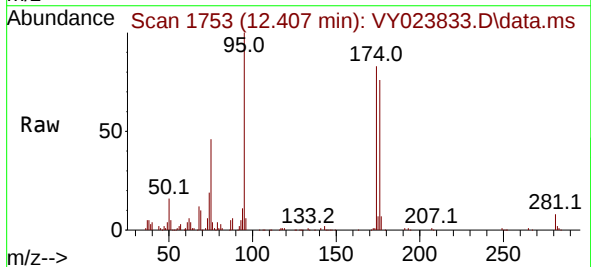
Instrument :
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ClientSampleId :
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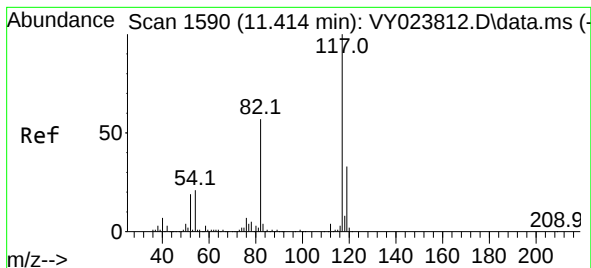
Tgt Ion: 98 Resp: 147632
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.919 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023833.D
Acq: 01 Dec 2025 10:38

Tgt Ion: 95 Resp: 55849
Ion Ratio Lower Upper
95 100
174 88.9 0.0 168.6
176 85.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023833.D

Acq: 01 Dec 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-15ARE

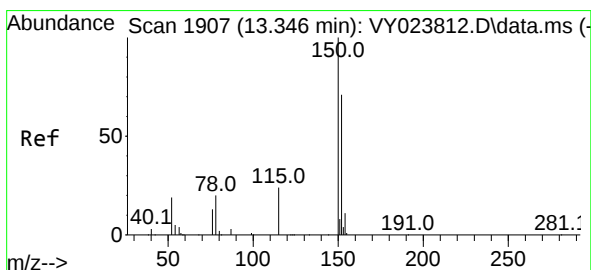
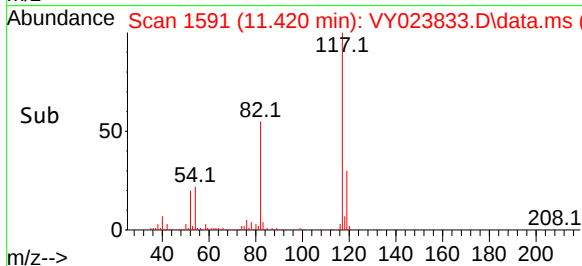
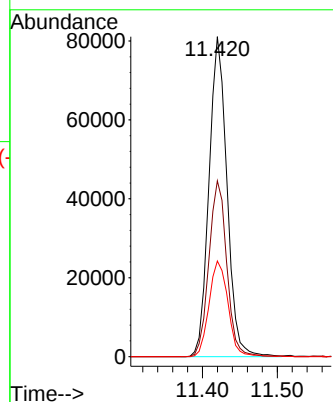
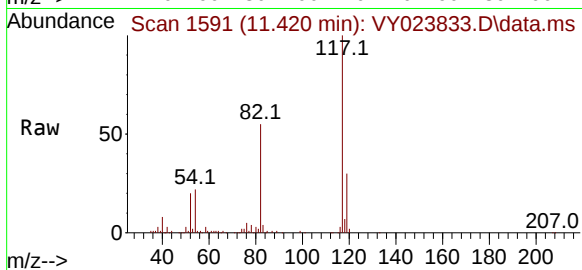
Tgt Ion:117 Resp: 135409

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

119 29.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023833.D

Acq: 01 Dec 2025 10:38

Tgt Ion:152 Resp: 63239

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.3

150 155.2 0.0 345.6

