

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023859.D
 Acq On : 02 Dec 2025 14:29
 Operator : SY/MD
 Sample : Q3742-06
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1125-13

Quant Time: Dec 03 01:04:18 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	636410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1167519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	987282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	379120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	361522	58.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.660%
35) Dibromofluoromethane	7.640	113	366141	52.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.109	98	1385526	50.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.408	95	384883	42.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.160%

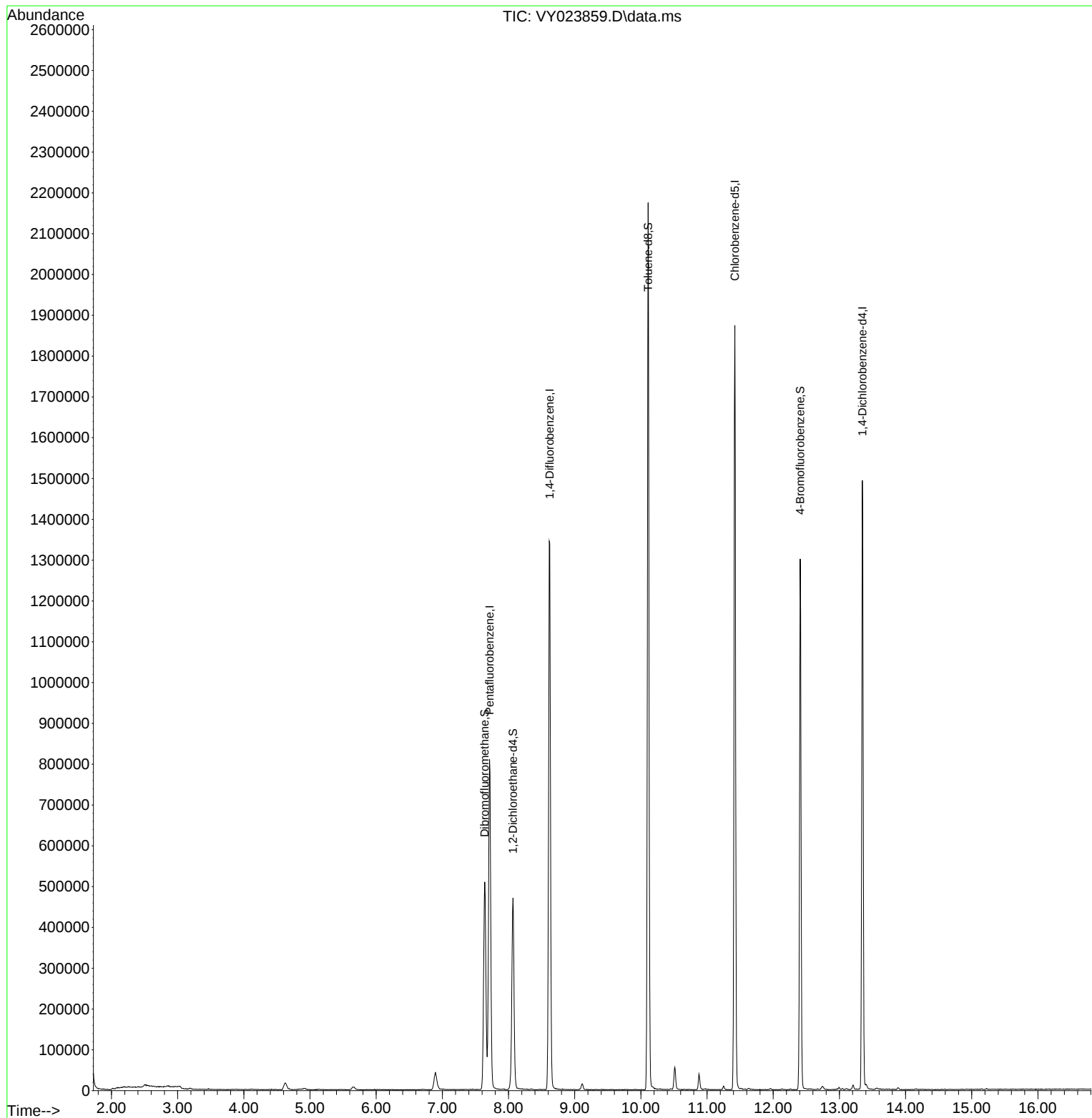
Target Compounds	Qvalue

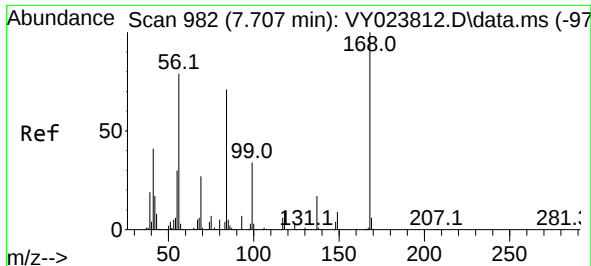
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
Data File : VY023859.D
Acq On : 02 Dec 2025 14:29
Operator : SY/MD
Sample : Q3742-06
Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

Quant Time: Dec 03 01:04:18 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

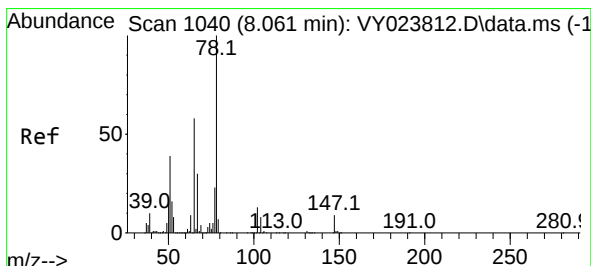
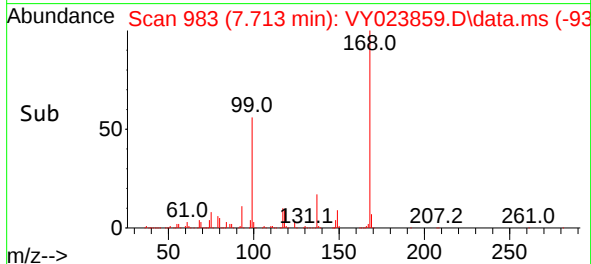
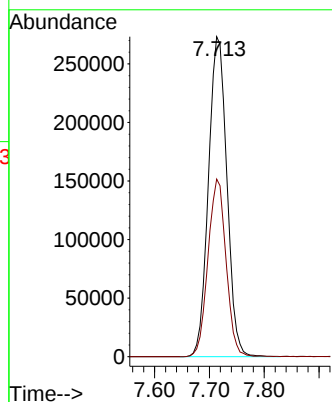
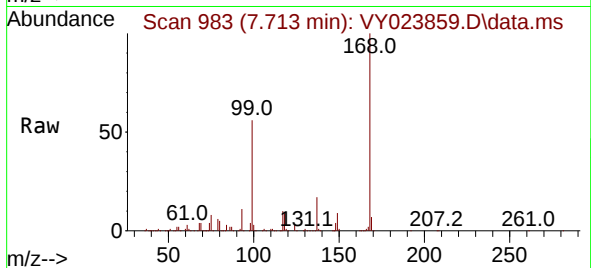




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

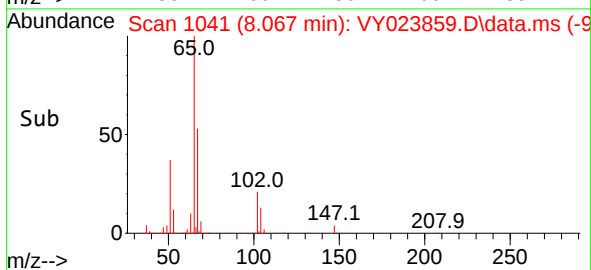
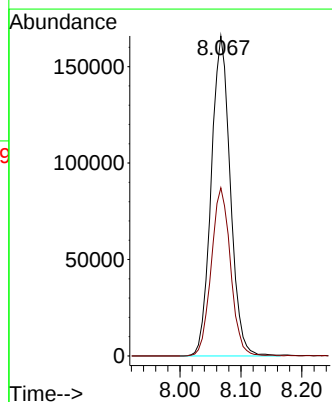
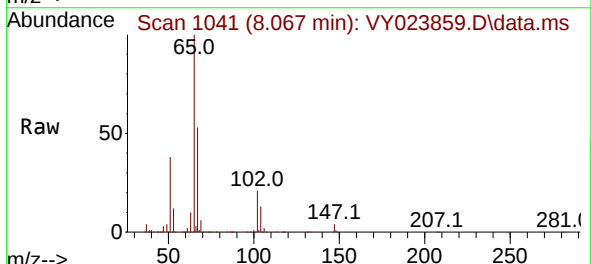
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

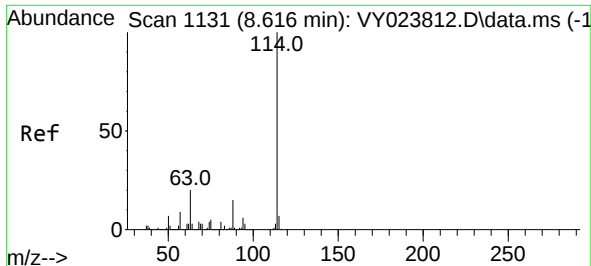
Tgt Ion:168 Resp: 636410
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.332 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

Tgt Ion: 65 Resp: 361522
Ion Ratio Lower Upper
65 100
67 53.0 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: VY023859.D

Acq: 02 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-13

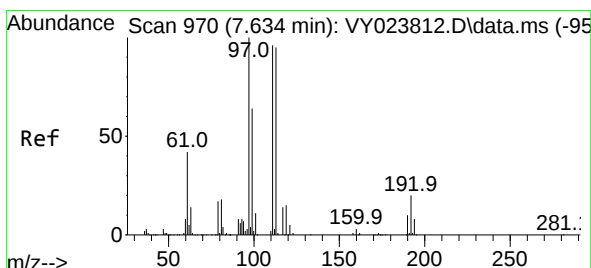
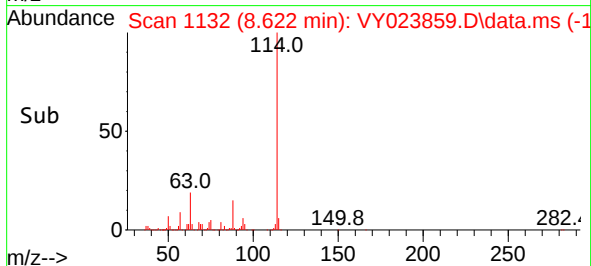
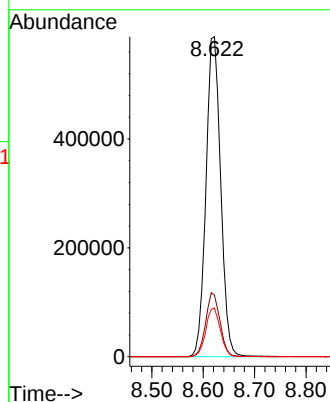
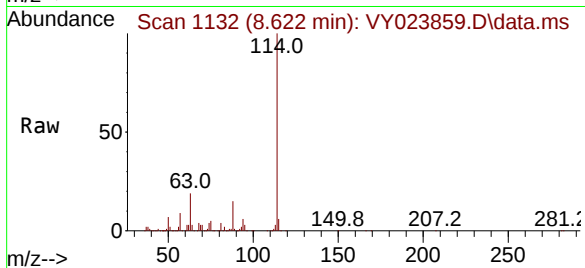
Tgt Ion:114 Resp: 1167519

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 15.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.939 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023859.D

Acq: 02 Dec 2025 14:29

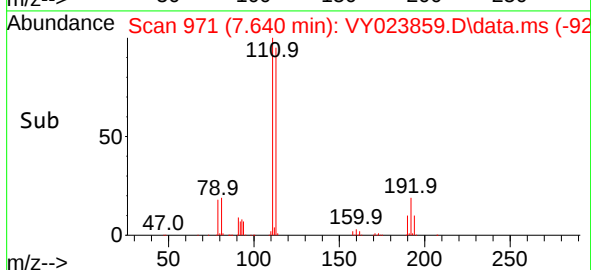
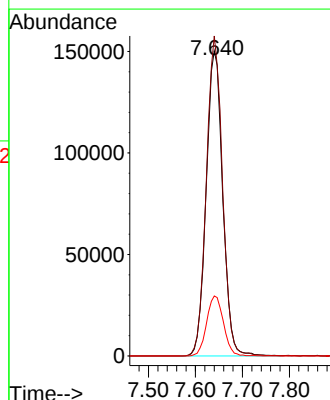
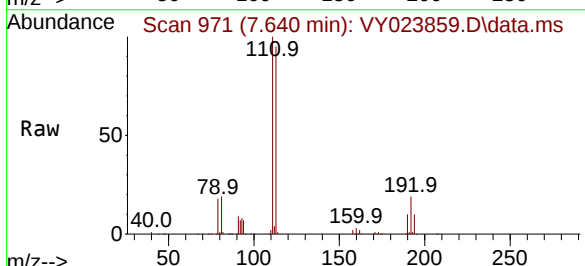
Tgt Ion:113 Resp: 366141

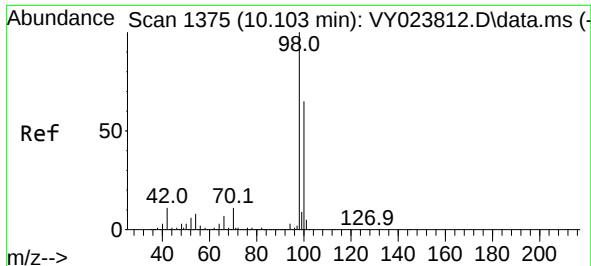
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 20.1 15.8 23.8

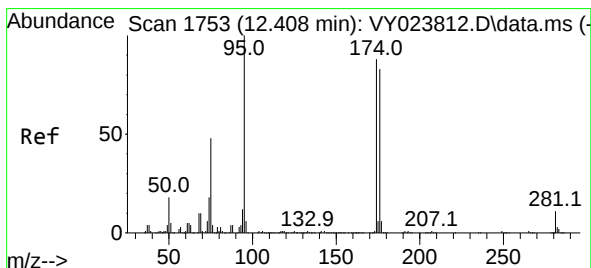
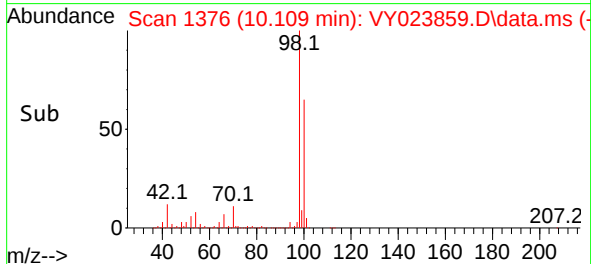
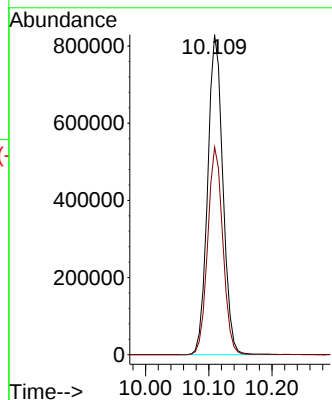
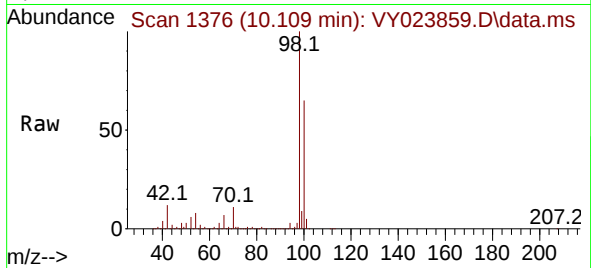




#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

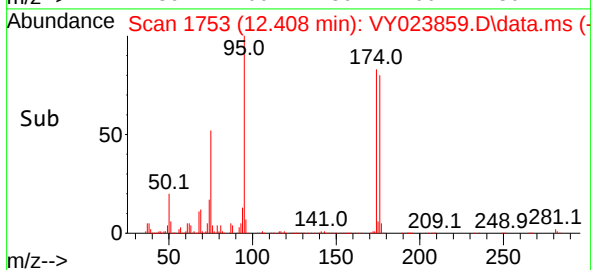
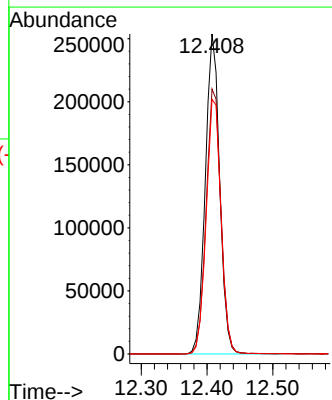
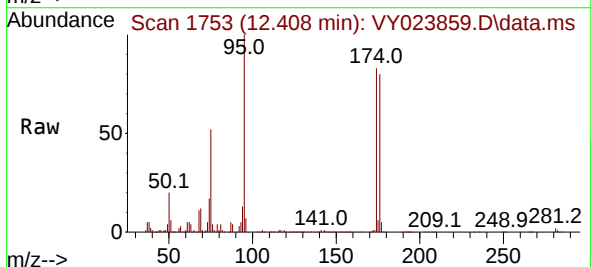
Instrument :
MSVOA_Y
ClientSampleId :
SB-1125-13

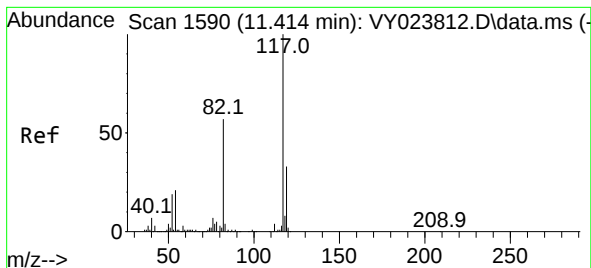
Tgt Ion: 98 Resp: 1385526
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.580 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023859.D
Acq: 02 Dec 2025 14:29

Tgt Ion: 95 Resp: 384883
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.6
176 82.3 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: VY023859.D

Acq: 02 Dec 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-1125-13

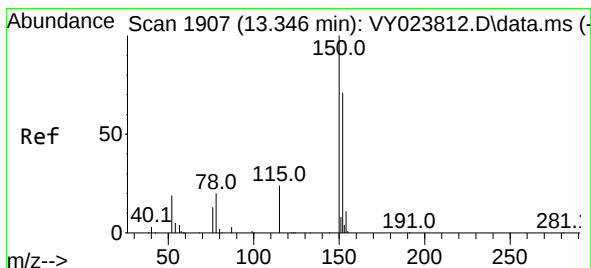
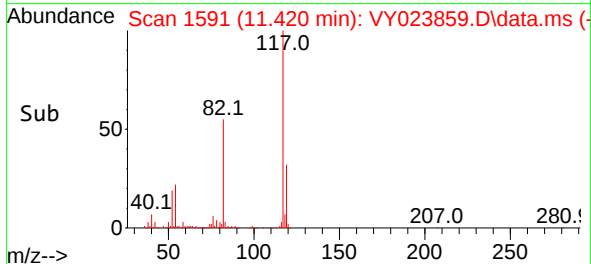
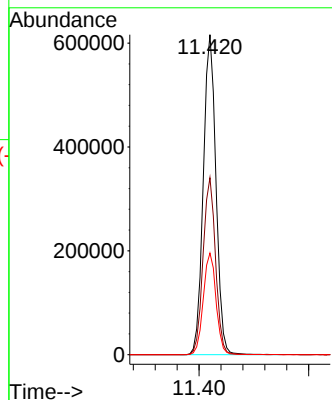
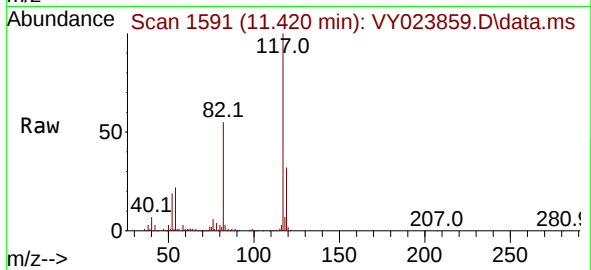
Tgt Ion:117 Resp: 987282

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 31.8 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023859.D

Acq: 02 Dec 2025 14:29

Tgt Ion:152 Resp: 379120

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

150 156.9 0.0 345.6

