

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022478.D
 Acq On : 30 May 2025 15:04
 Operator : SY/MD
 Sample : Q2151-01
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-0592025

Quant Time: May 31 02:28:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	13589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	18298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5574	38.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.880%
35) Dibromofluoromethane	7.640	113	3365	31.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.800%
50) Toluene-d8	10.109	98	20322	46.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.040%
62) 4-Bromofluorobenzene	12.401	95	2996	22.673	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.340%

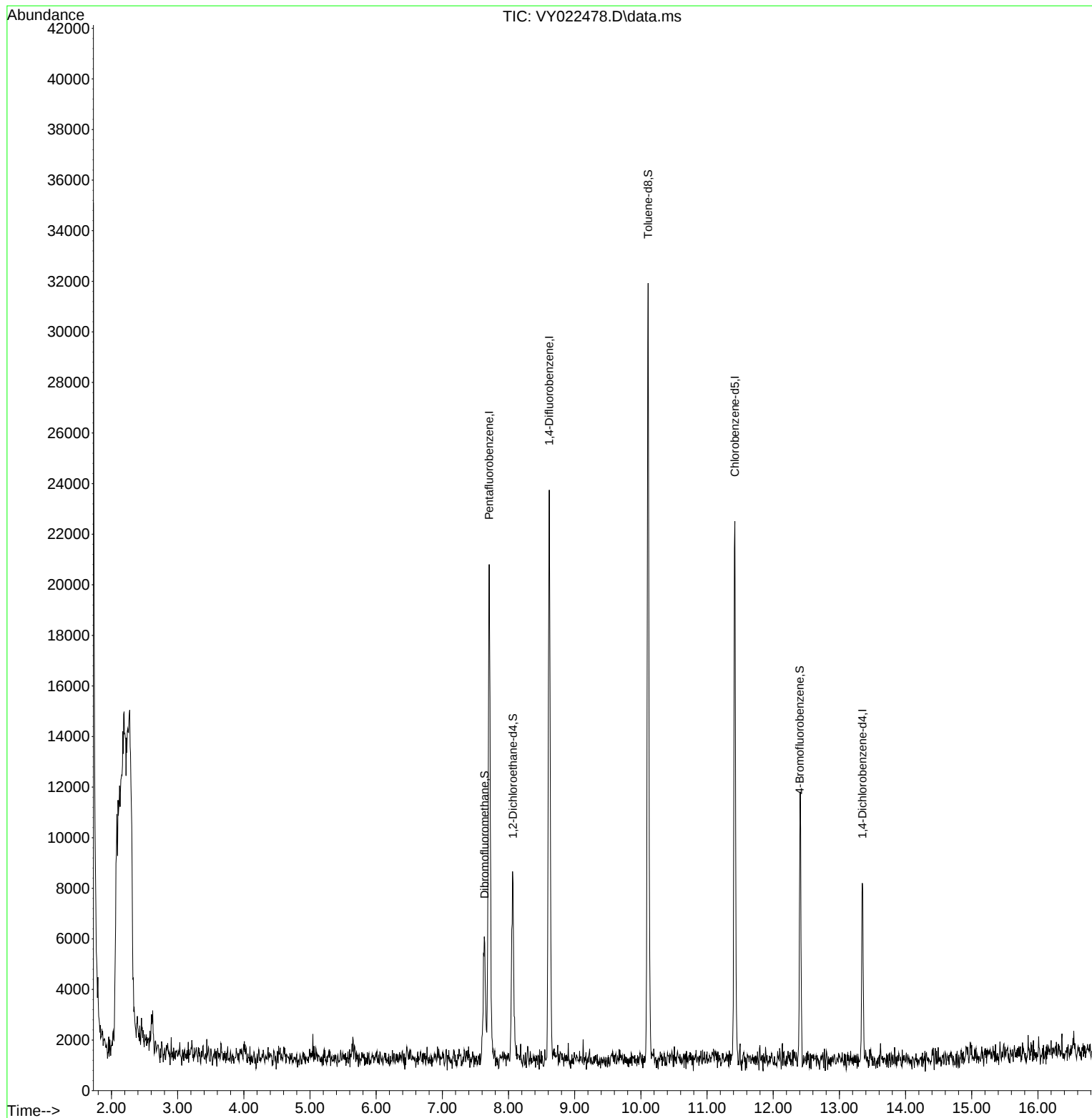
Target Compounds	Qvalue

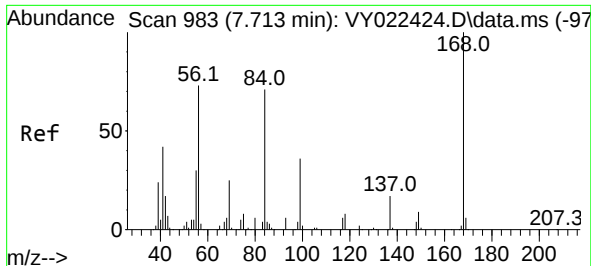
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
Data File : VY022478.D
Acq On : 30 May 2025 15:04
Operator : SY/MD
Sample : Q2151-01
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-0592025

Quant Time: May 31 02:28:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

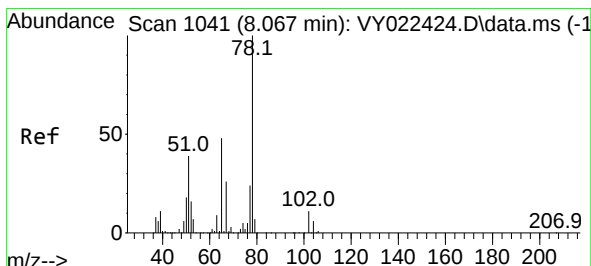
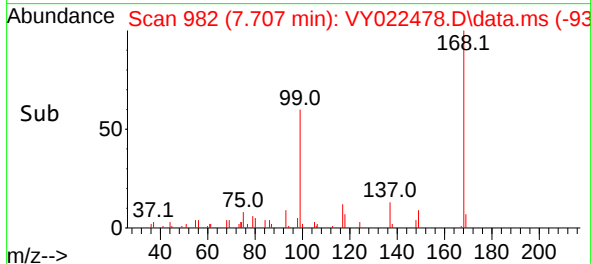
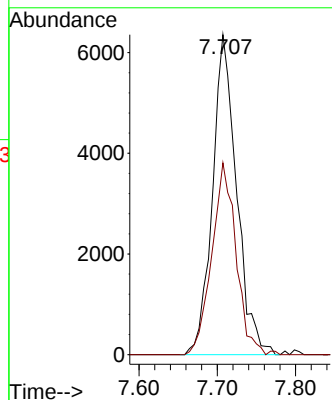
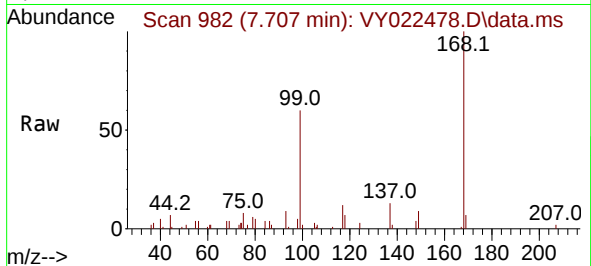




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022478.D
Acq: 30 May 2025 15:04

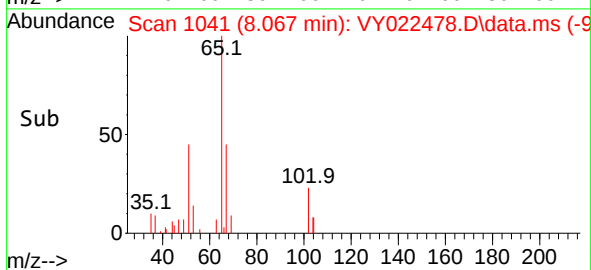
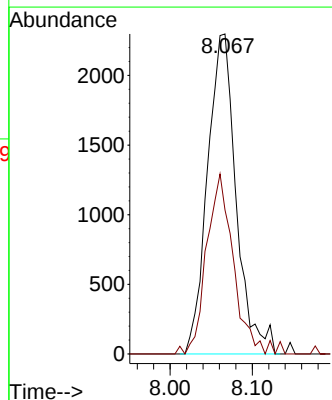
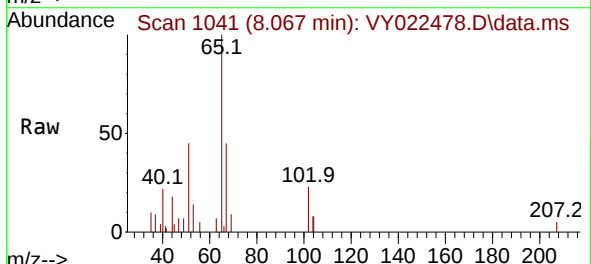
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-0592025

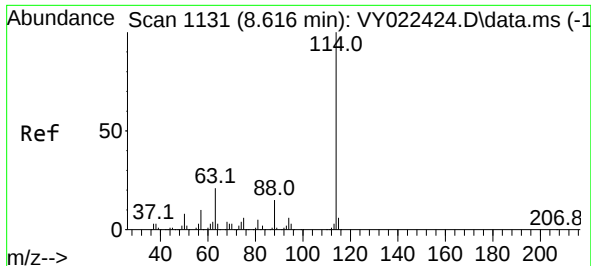
Tgt Ion:168 Resp: 13589
Ion Ratio Lower Upper
168 100
99 59.9 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 38.943 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022478.D
Acq: 30 May 2025 15:04

Tgt Ion: 65 Resp: 5574
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022478.D

Acq: 30 May 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-0592025

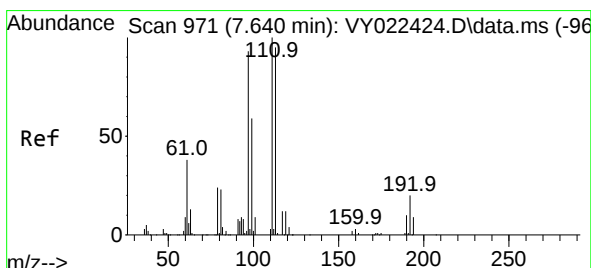
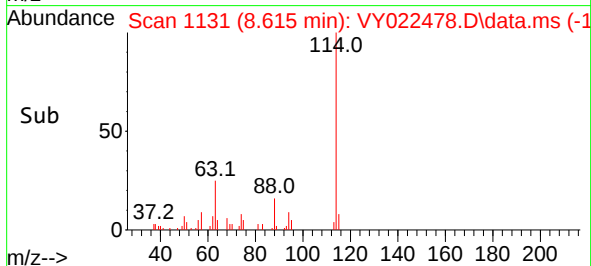
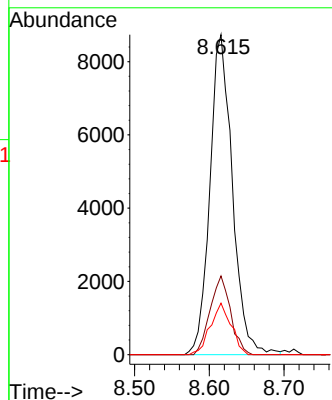
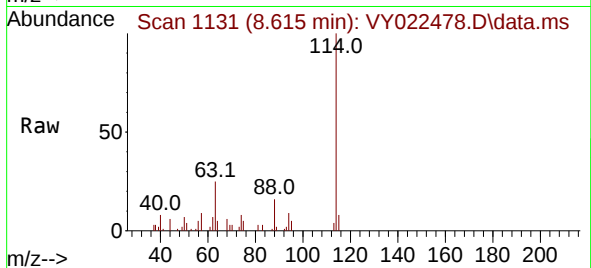
Tgt Ion:114 Resp: 18298

Ion Ratio Lower Upper

114 100

63 24.6 0.0 42.6

88 16.1 0.0 29.4



#35

Dibromofluoromethane

Concen: 31.402 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY022478.D

Acq: 30 May 2025 15:04

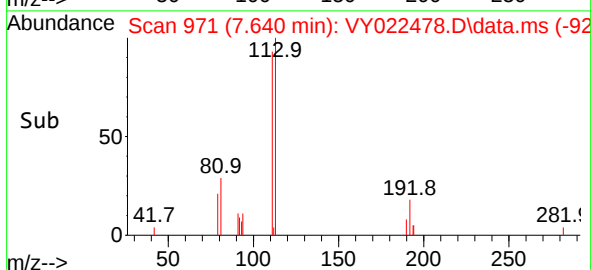
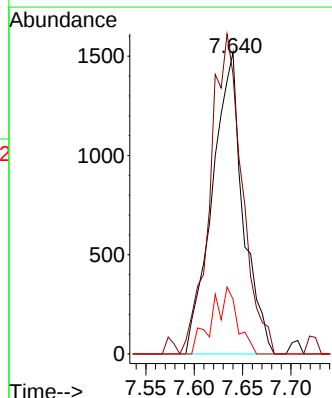
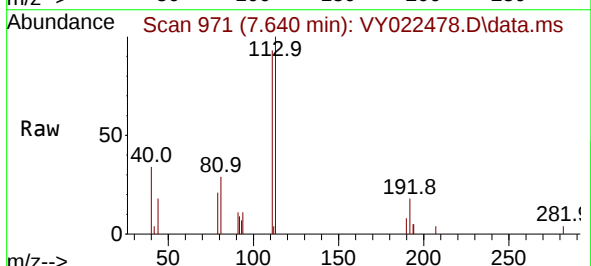
Tgt Ion:113 Resp: 3365

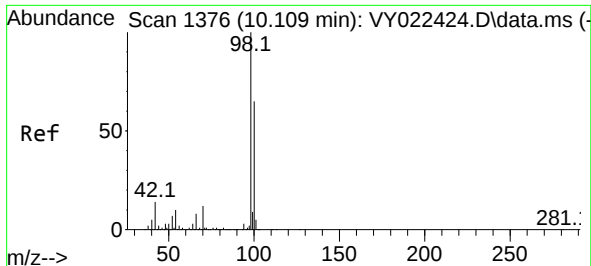
Ion Ratio Lower Upper

113 100

111 110.5 82.4 123.6

192 18.5 15.2 22.8

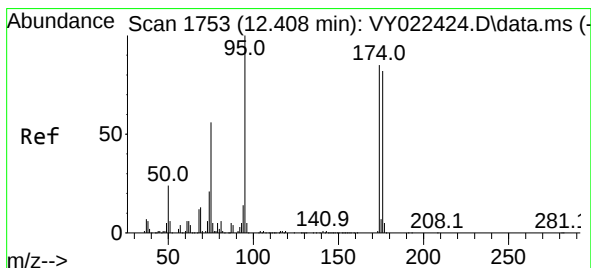
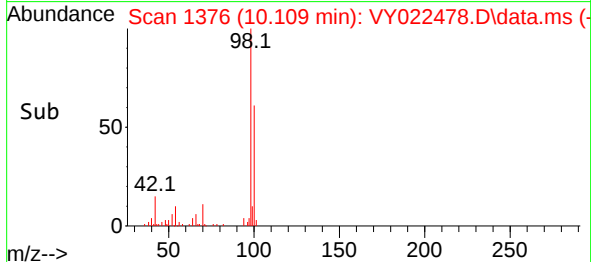
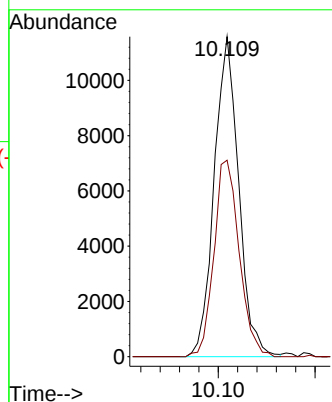
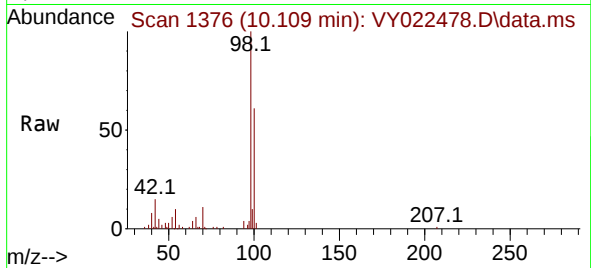




#50
Toluene-d8
Concen: 46.521 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022478.D
Acq: 30 May 2025 15:04

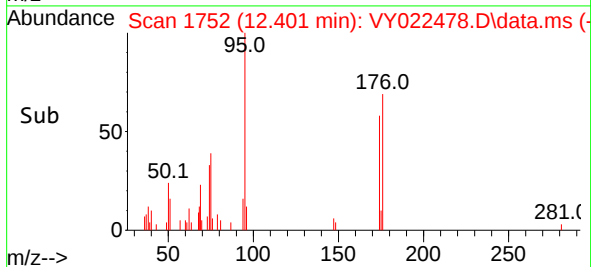
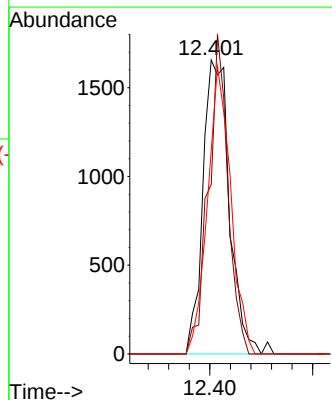
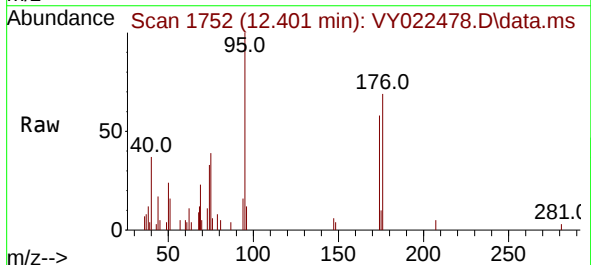
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-0592025

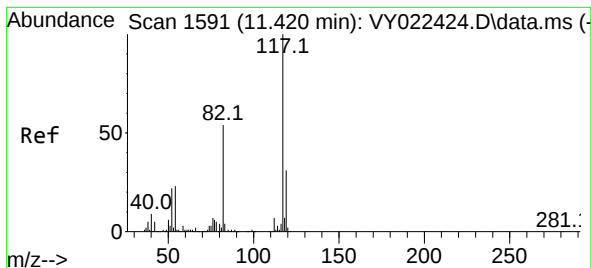
Tgt Ion: 98 Resp: 20322
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 22.673 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022478.D
Acq: 30 May 2025 15:04

Tgt Ion: 95 Resp: 2996
Ion Ratio Lower Upper
95 100
174 79.5 0.0 171.6
176 85.2 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022478.D

Acq: 30 May 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-0592025

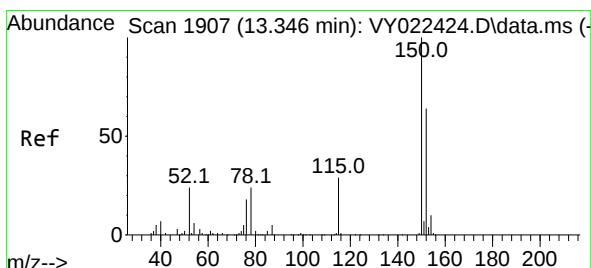
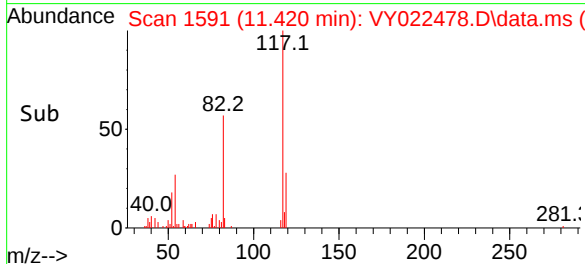
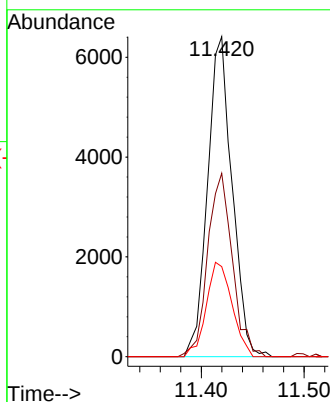
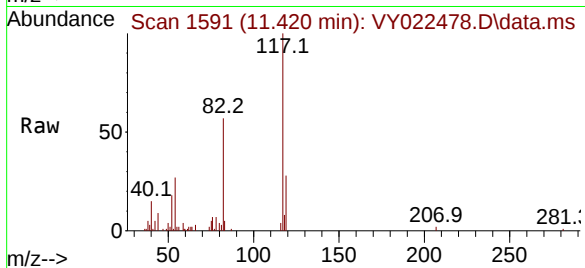
Tgt Ion:117 Resp: 10609

Ion Ratio Lower Upper

117 100

82 57.3 43.3 64.9

119 28.1 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022478.D

Acq: 30 May 2025 15:04

Tgt Ion:152 Resp: 1907

Ion Ratio Lower Upper

152 100

115 64.4 28.4 85.3

150 157.4 0.0 345.8

