

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022267.D
 Acq On : 15 May 2025 16:22
 Operator : SY/MD
 Sample : Q1984-07
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-24-050725

Quant Time: May 16 01:57:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	338191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	583353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162770	44.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.080%
35) Dibromofluoromethane	7.634	113	170879	49.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.103	98	687979	48.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.401	95	144029	31.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.740%

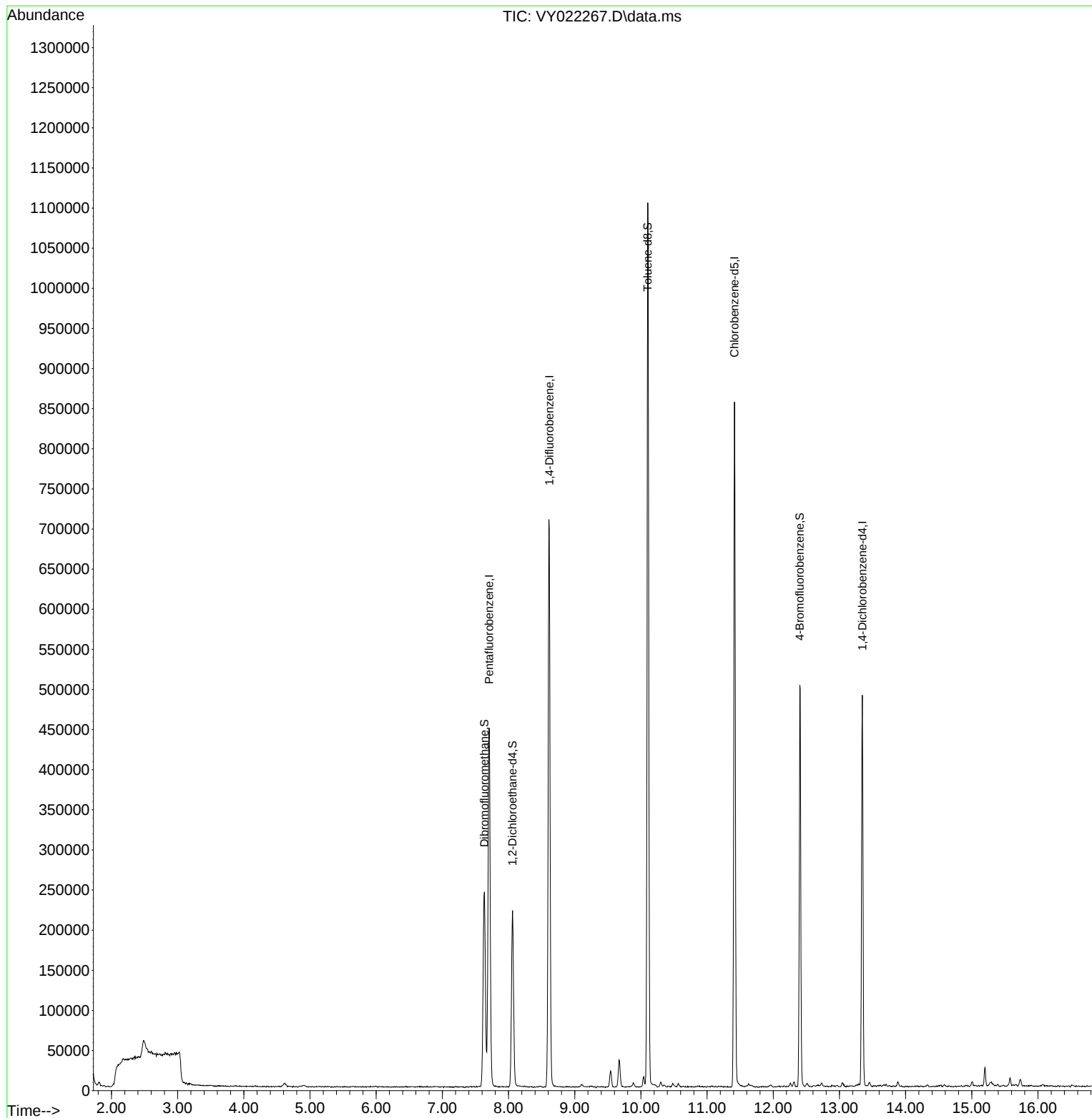
Target Compounds	Qvalue

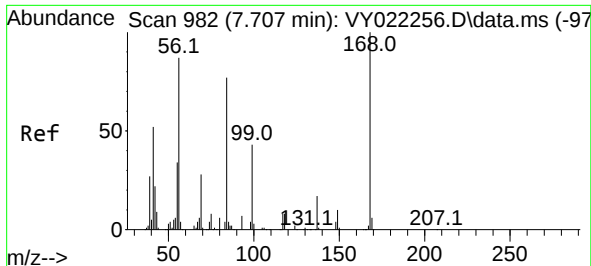
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022267.D
Acq On : 15 May 2025 16:22
Operator : SY/MD
Sample : Q1984-07
Misc : 2.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-24-050725

Quant Time: May 16 01:57:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

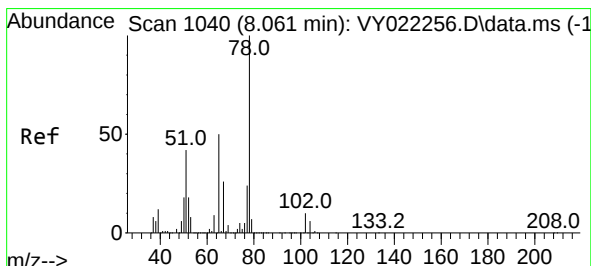
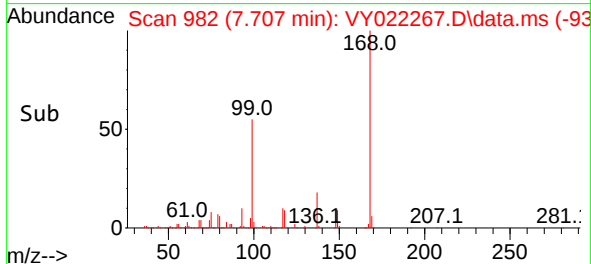
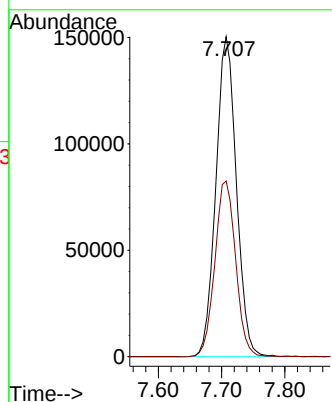
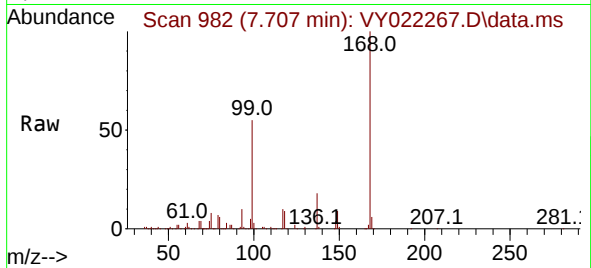




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022267.D
Acq: 15 May 2025 16:22

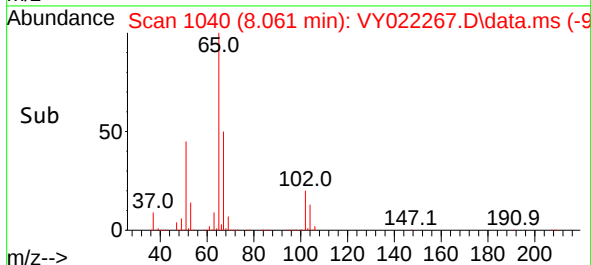
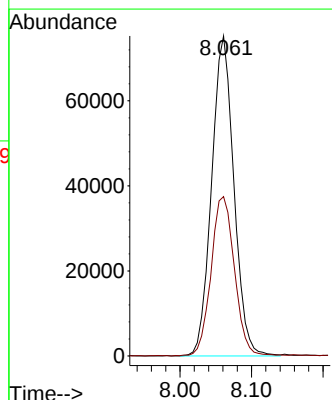
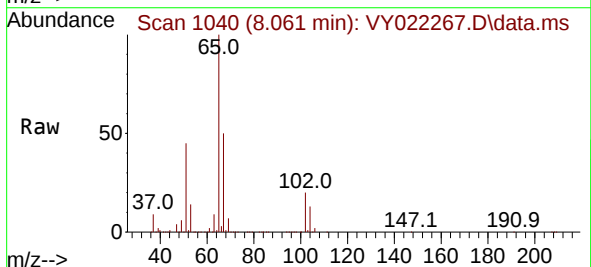
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-24-050725

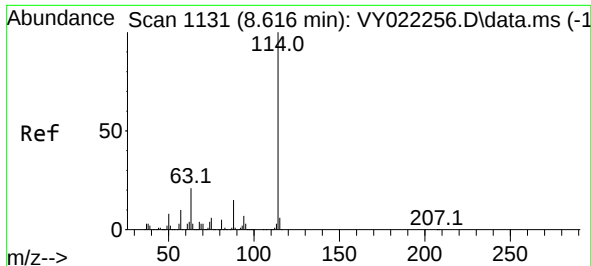
Tgt Ion:168 Resp: 338191
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.038 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022267.D
Acq: 15 May 2025 16:22

Tgt Ion: 65 Resp: 162770
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022267.D

Acq: 15 May 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-24-050725

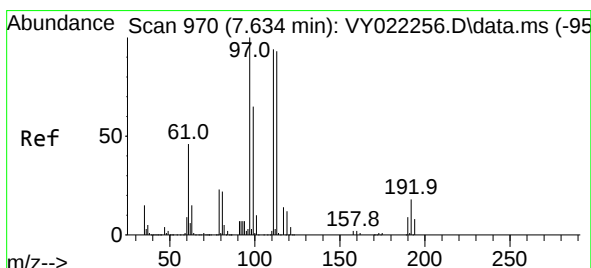
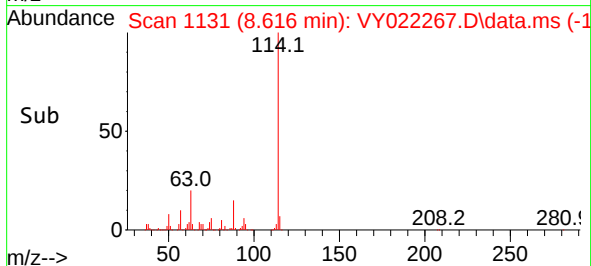
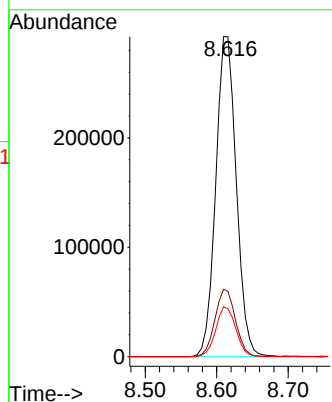
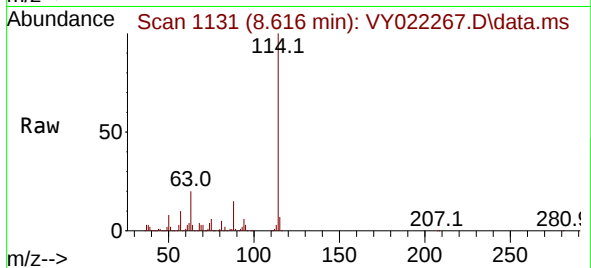
Tgt Ion:114 Resp: 583353

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 15.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.078 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022267.D

Acq: 15 May 2025 16:22

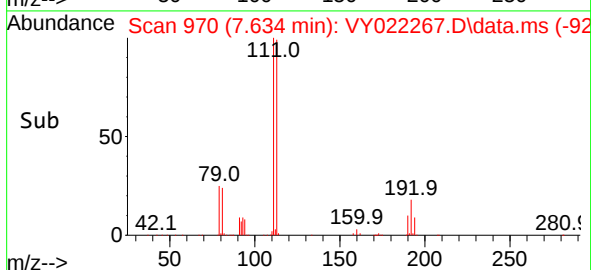
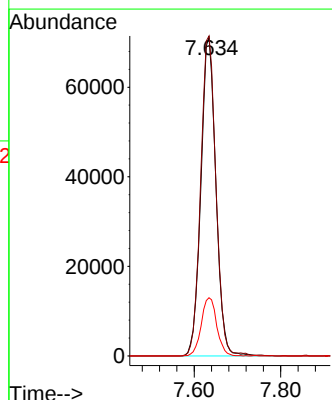
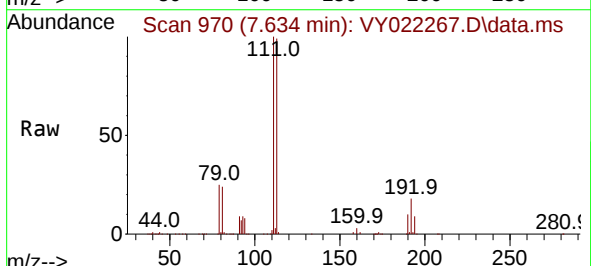
Tgt Ion:113 Resp: 170879

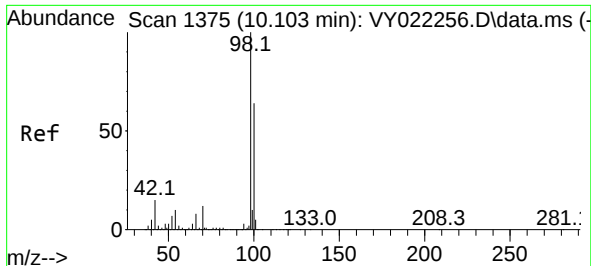
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 18.9 15.2 22.8

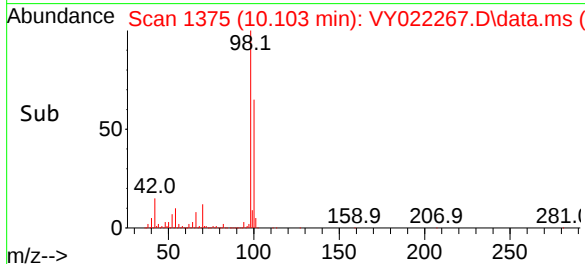
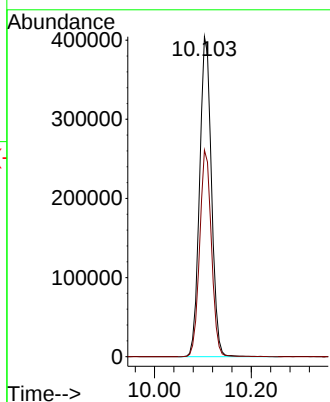
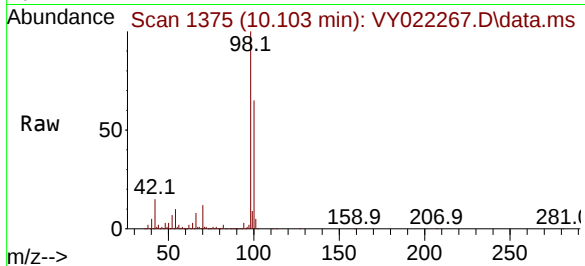




#50
Toluene-d8
Concen: 48.246 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022267.D
Acq: 15 May 2025 16:22

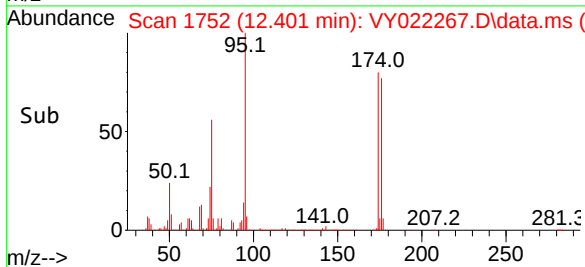
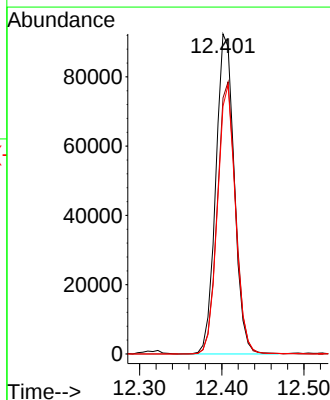
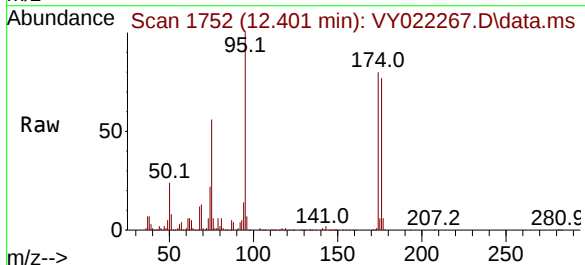
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-24-050725

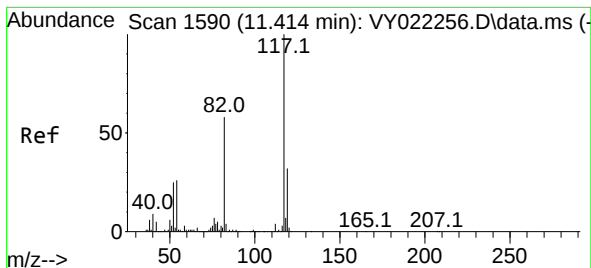
Tgt Ion: 98 Resp: 687979
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 31.866 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022267.D
Acq: 15 May 2025 16:22

Tgt Ion: 95 Resp: 144029
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 82.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022267.D

Acq: 15 May 2025 16:22

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-24-050725

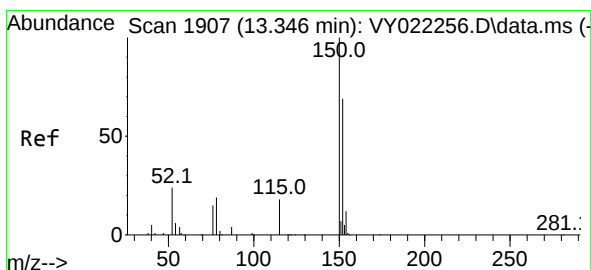
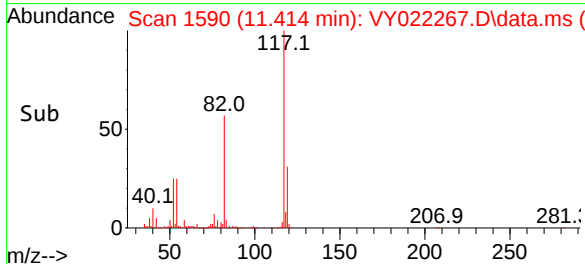
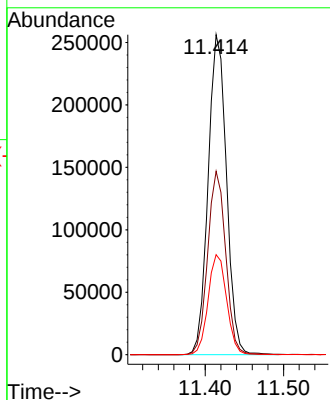
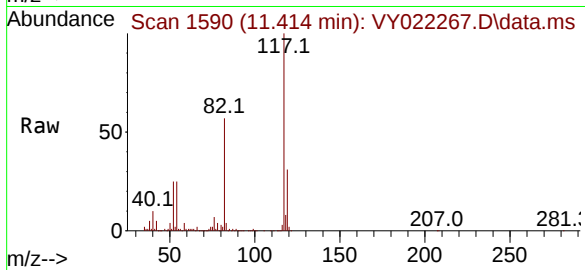
Tgt Ion:117 Resp: 417105

Ion Ratio Lower Upper

117 100

82 57.3 46.6 70.0

119 31.3 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022267.D

Acq: 15 May 2025 16:22

Tgt Ion:152 Resp: 112628

Ion Ratio Lower Upper

152 100

115 58.9 29.4 88.2

150 158.2 0.0 353.8

