

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022449.D
 Acq On : 28 May 2025 14:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 29 01:58:09 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	7.713	168	312376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	558866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	436719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	153992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154494	46.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.640	113	162494	49.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.109	98	670207	50.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.408	95	163415	40.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%

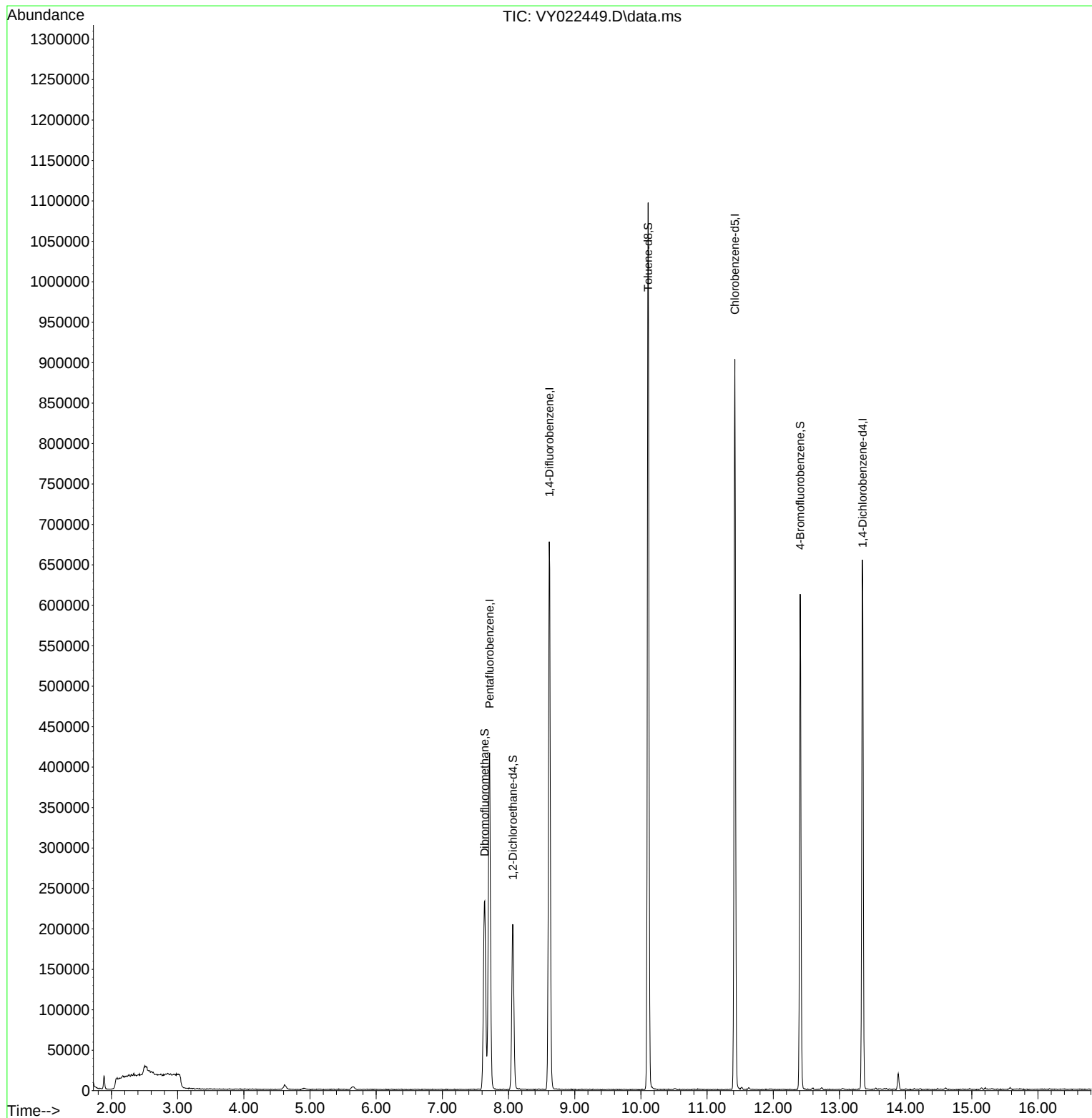
Target Compounds	Qvalue

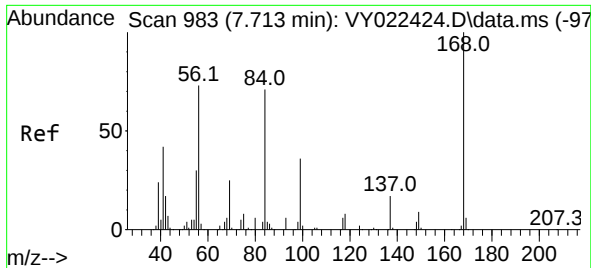
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
Data File : VY022449.D
Acq On : 28 May 2025 14:40
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: May 29 01:58:09 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

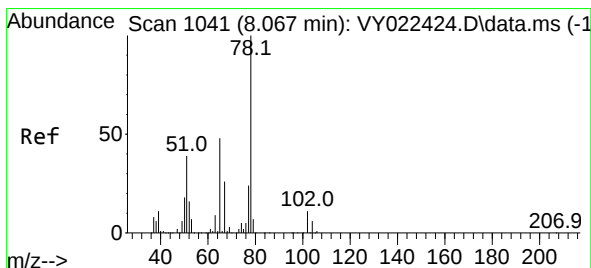
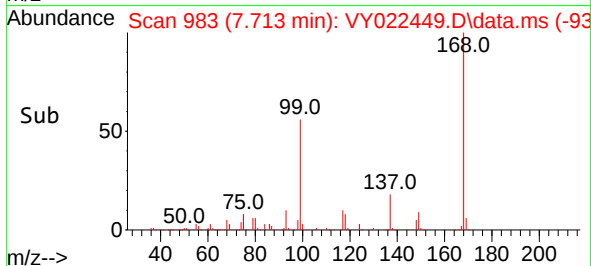
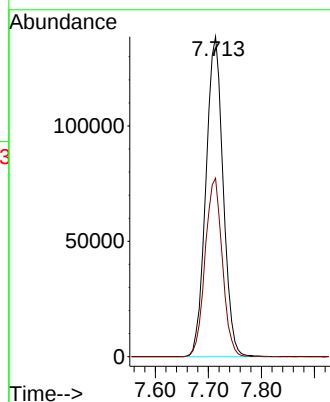
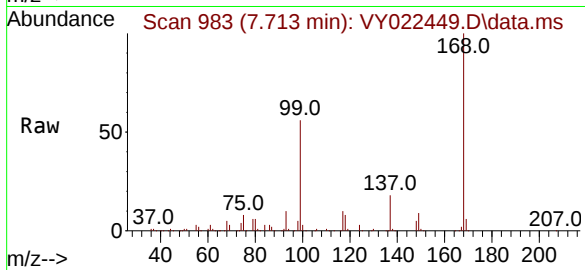




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022449.D
Acq: 28 May 2025 14:40

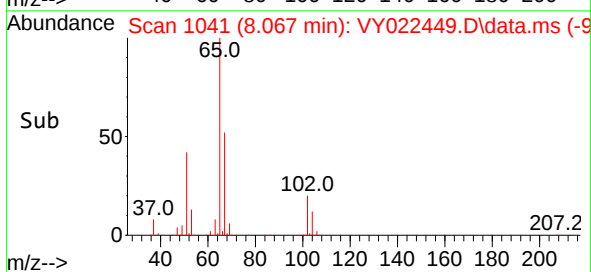
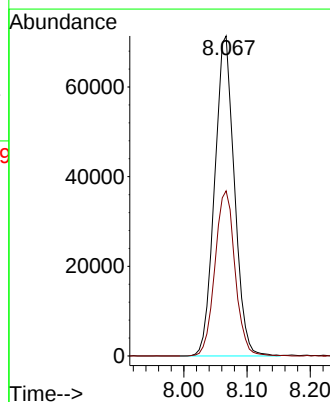
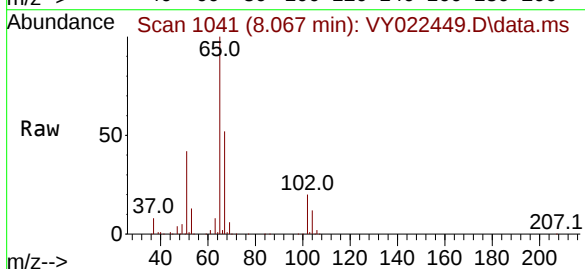
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

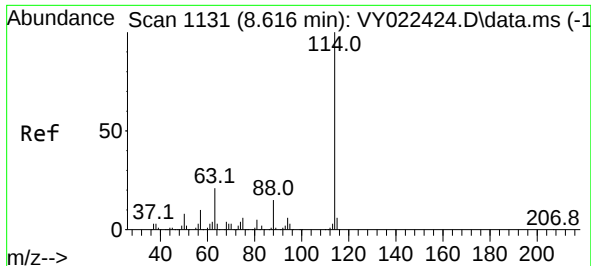
Tgt Ion:168 Resp: 312376
Ion Ratio Lower Upper
168 100
99 55.8 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 46.955 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY022449.D
Acq: 28 May 2025 14:40

Tgt Ion: 65 Resp: 154494
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4

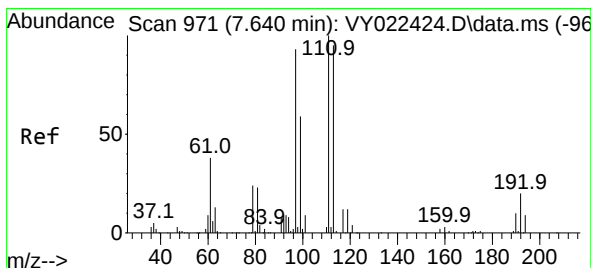
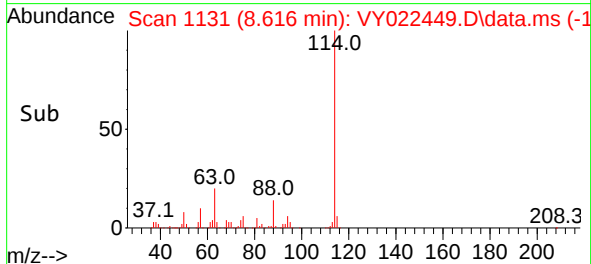
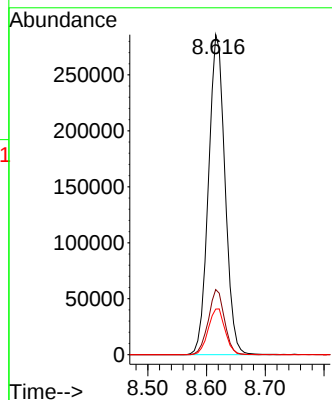
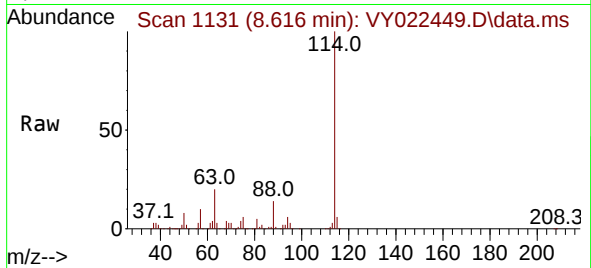




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022449.D
Acq: 28 May 2025 14:40

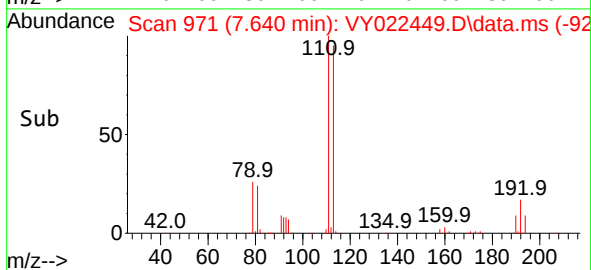
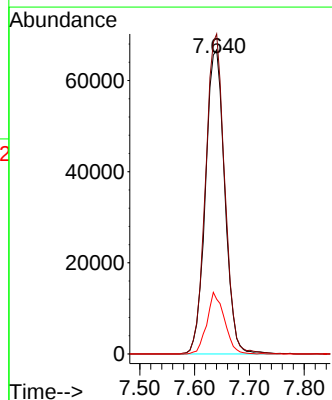
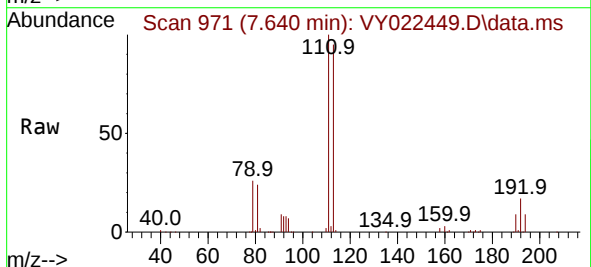
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

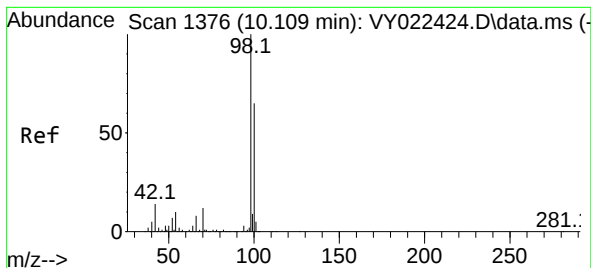
Tgt Ion:114 Resp: 558866
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022449.D
Acq: 28 May 2025 14:40

Tgt Ion:113 Resp: 162494
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.5 15.2 22.8





#50

Toluene-d8

Concen: 50.232 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022449.D

Acq: 28 May 2025 14:40

Instrument :

MSVOA_Y

ClientSampleId :

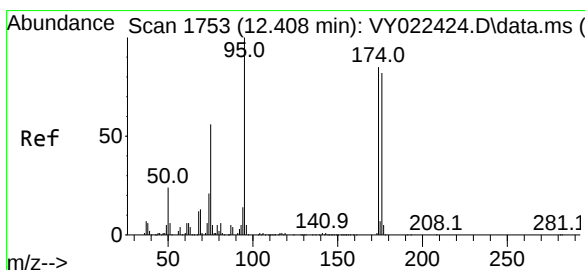
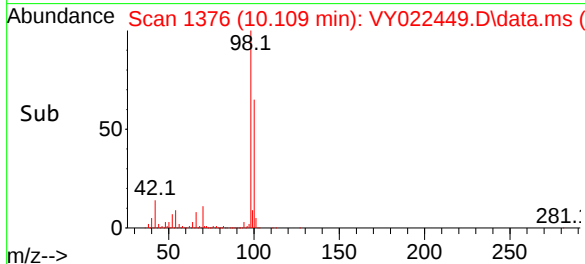
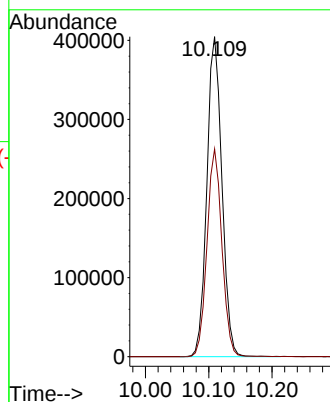
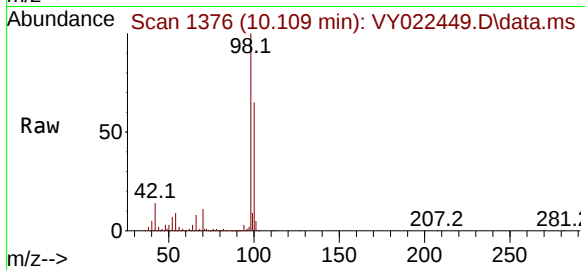
VIBLK

Tgt Ion: 98 Resp: 670207

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 40.492 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022449.D

Acq: 28 May 2025 14:40

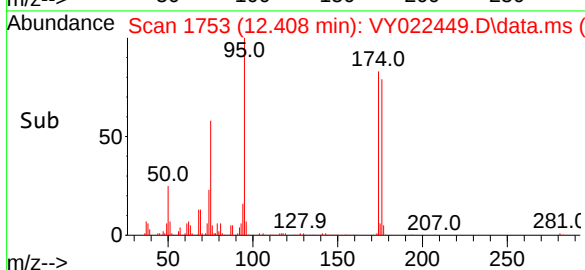
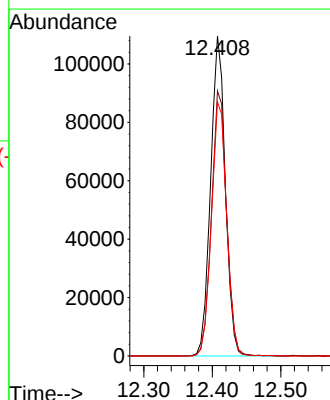
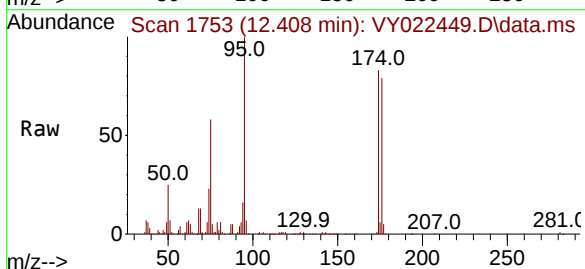
Tgt Ion: 95 Resp: 163415

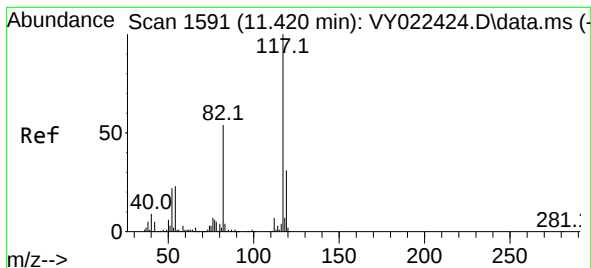
Ion Ratio Lower Upper

95 100

174 85.1 0.0 171.6

176 82.1 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: VY022449.D

Acq: 28 May 2025 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

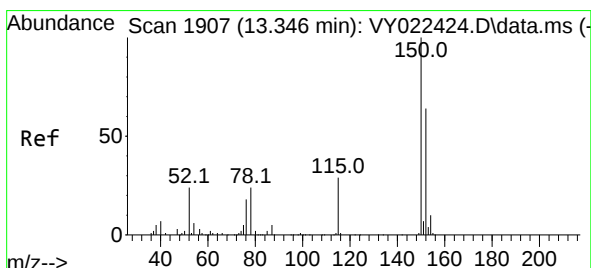
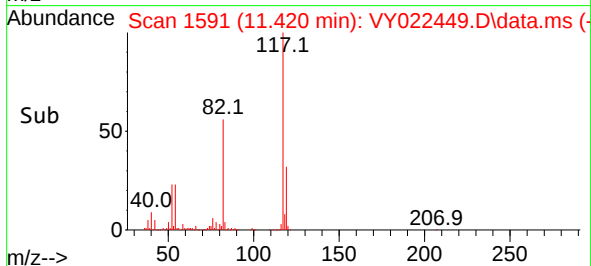
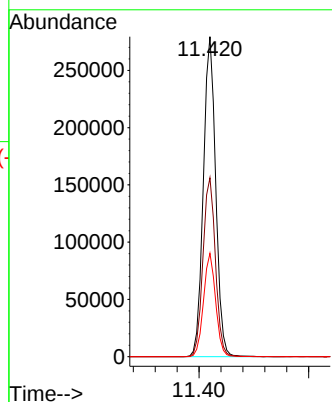
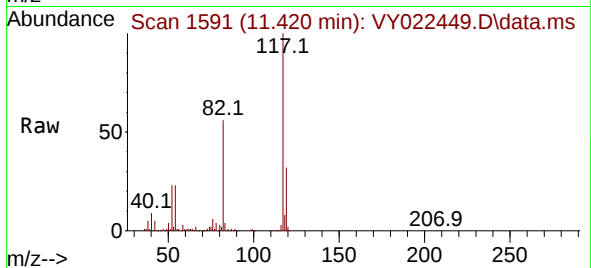
Tgt Ion:117 Resp: 436719

Ion Ratio Lower Upper

117 100

82 55.9 43.3 64.9

119 32.3 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022449.D

Acq: 28 May 2025 14:40

Tgt Ion:152 Resp: 153992

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.3

150 157.4 0.0 345.8

