

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021017.D
 Acq On : 31 Jan 2025 18:03
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 31 22:28:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	268600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	467662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	446168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138777	60.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.360%
35) Dibromofluoromethane	7.634	113	150211	53.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.109	98	557293	50.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.408	95	202345	54.952	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	109.900%

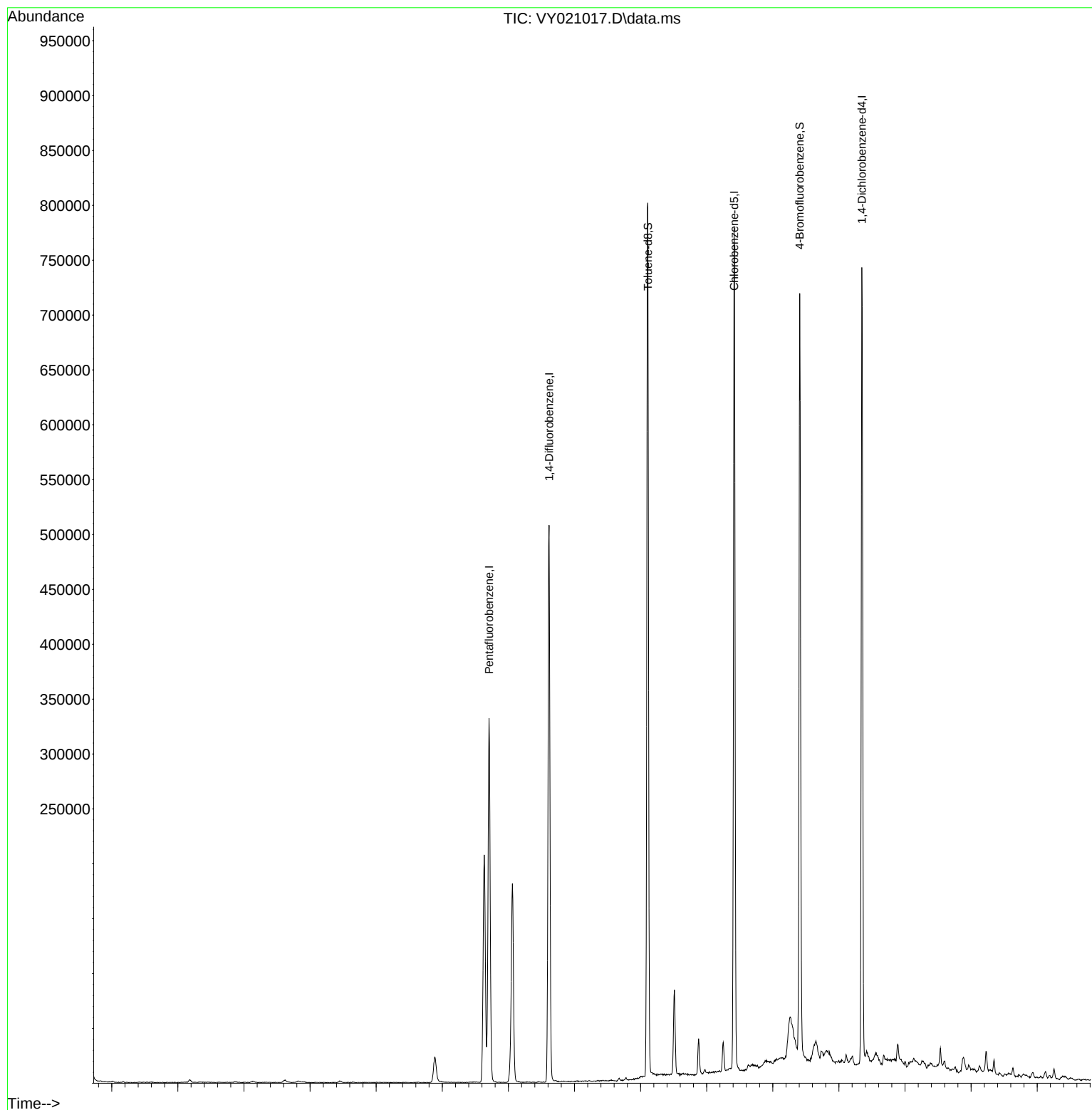
Target Compounds Qvalue

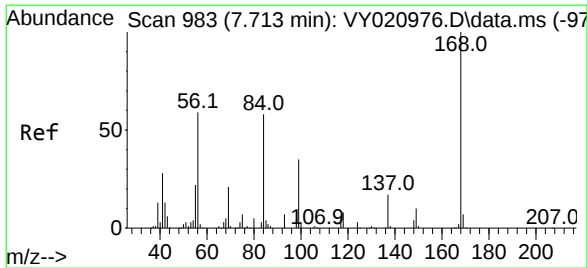
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021017.D
Acq On : 31 Jan 2025 18:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 31 22:28:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

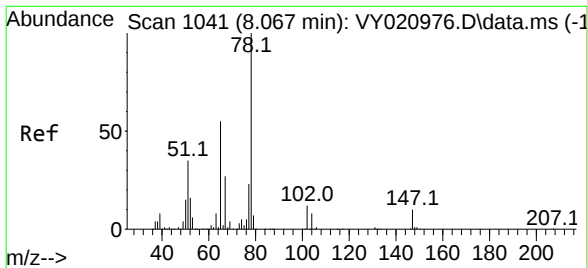
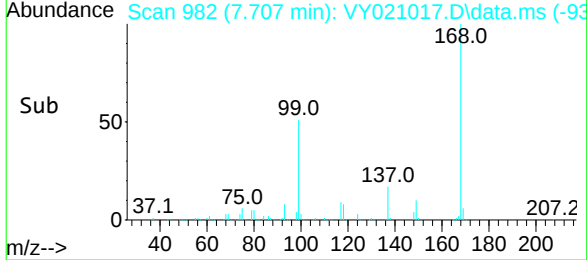
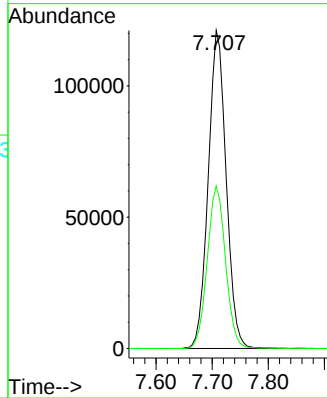
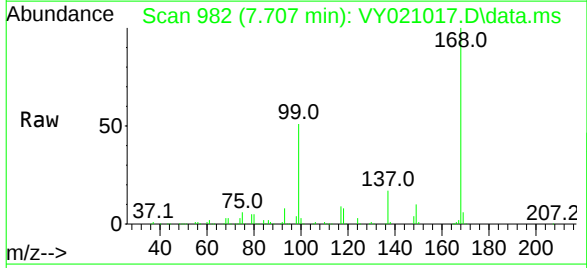




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

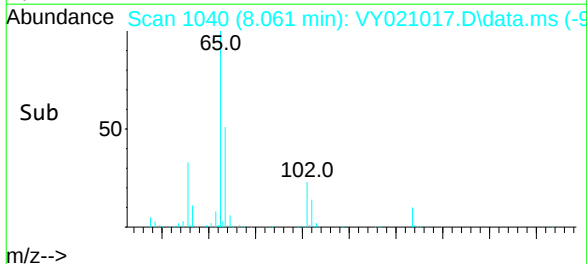
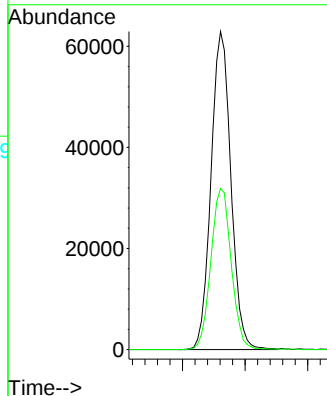
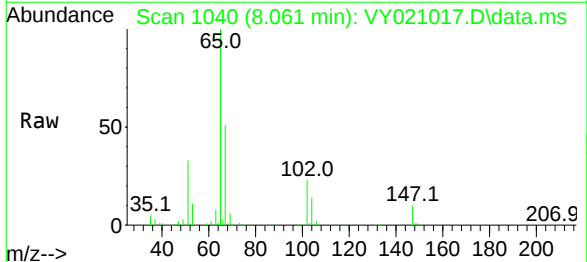
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

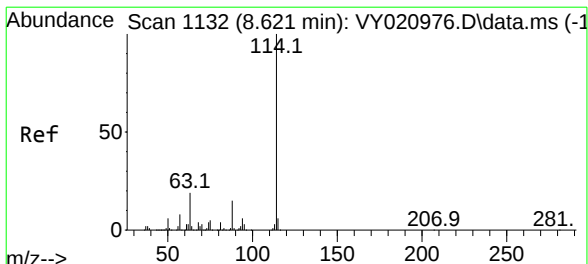
Tgt Ion:168 Resp: 268600
Ion Ratio Lower Upper
168 100
99 51.1 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 60.684 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021017.D
Acq: 31 Jan 2025 18:03

Tgt Ion: 65 Resp: 138777
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4

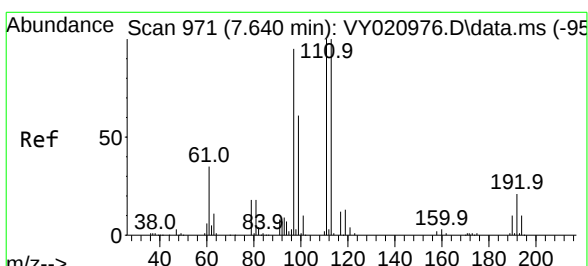
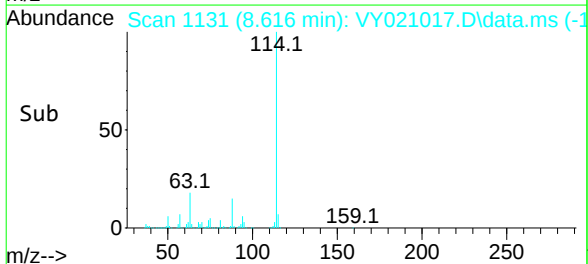
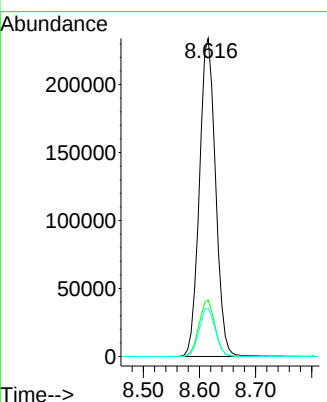
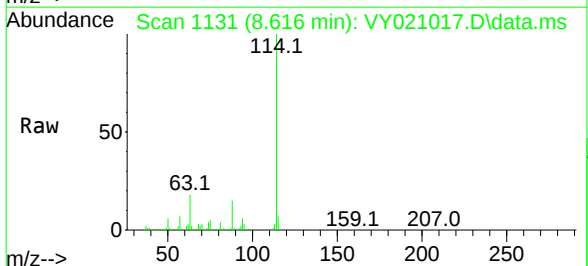




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021017.D
 Acq: 31 Jan 2025 18:03

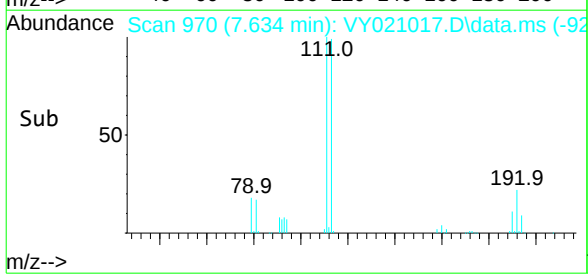
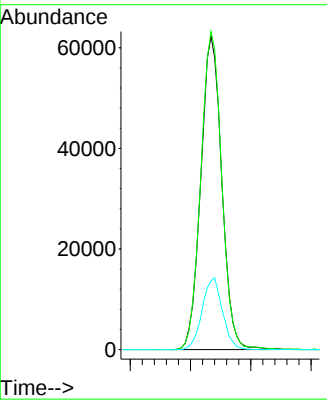
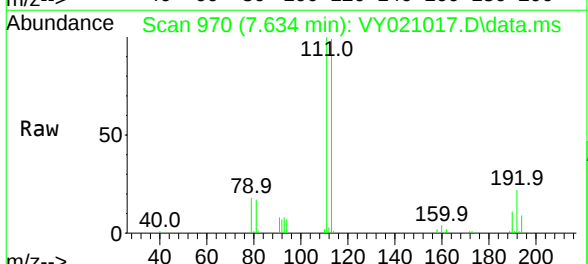
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

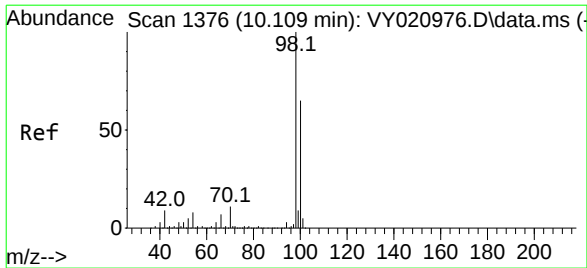
Tgt Ion:	114	Resp:	467662
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	37.2
88	15.2	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 53.427 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY021017.D
 Acq: 31 Jan 2025 18:03

Tgt Ion:	113	Resp:	150211
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	22.2	16.8	25.2





#50

Toluene-d8

Concen: 50.785 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

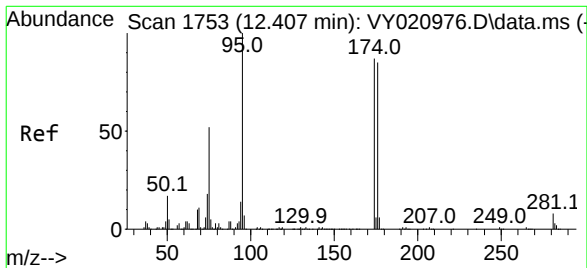
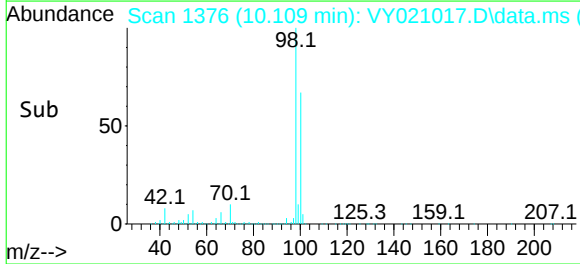
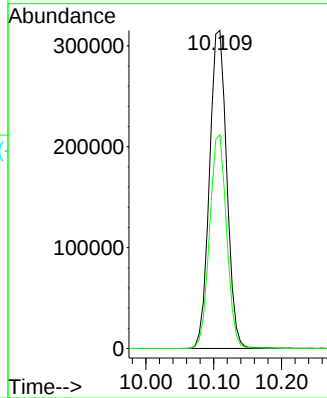
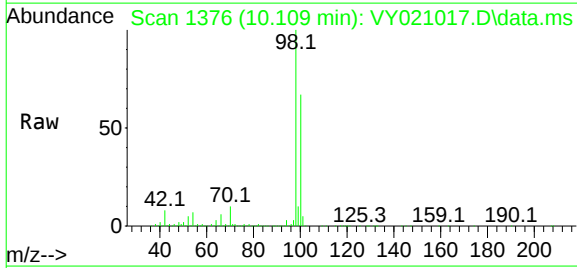
VIBLK

Tgt Ion: 98 Resp: 557293

Ion Ratio Lower Upper

98 100

100 66.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 54.952 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

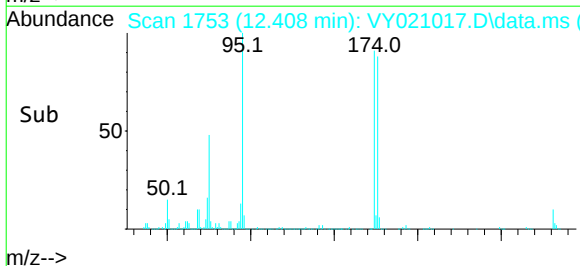
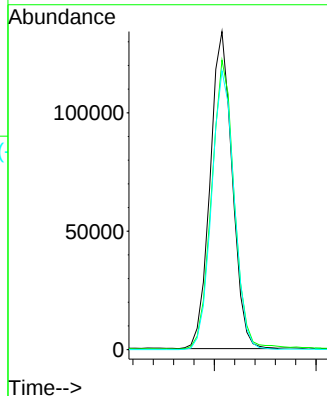
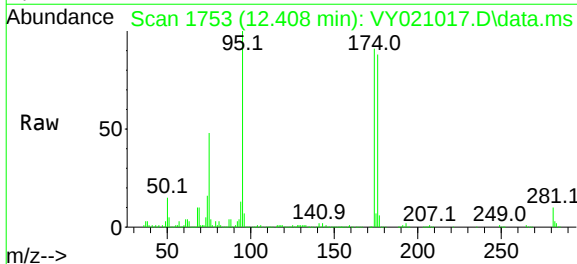
Tgt Ion: 95 Resp: 202345

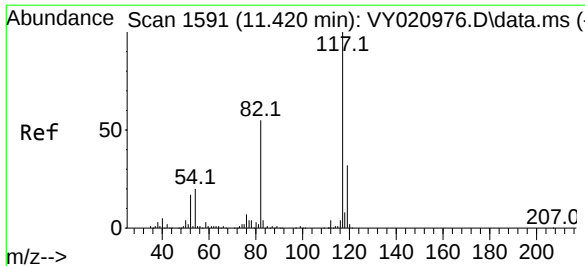
Ion Ratio Lower Upper

95 100

174 93.7 0.0 181.2

176 89.7 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

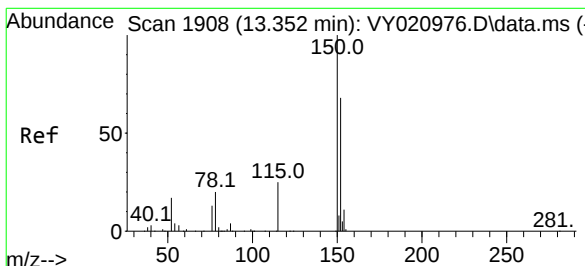
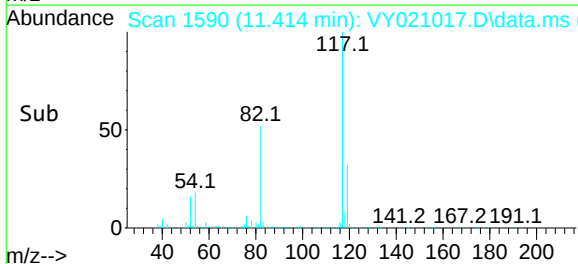
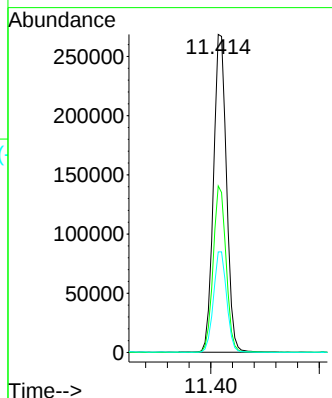
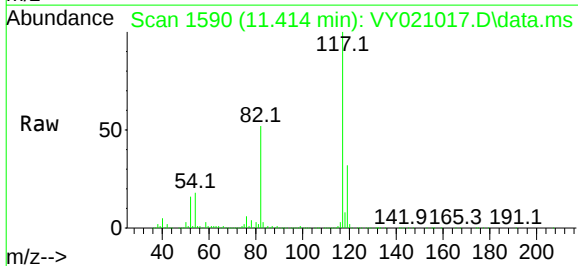
Tgt Ion:117 Resp: 446168

Ion Ratio Lower Upper

117 100

82 52.4 44.2 66.2

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021017.D

Acq: 31 Jan 2025 18:03

Tgt Ion:152 Resp: 203387

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 154.7 0.0 342.8

