

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020996.D
 Acq On : 30 Jan 2025 19:13
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 31 04:44:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	163101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	276778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	100181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	86944	62.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.220%
35) Dibromofluoromethane	7.640	113	90403	54.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.660%
50) Toluene-d8	10.109	98	325322	50.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.408	95	101354	46.509	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.020%

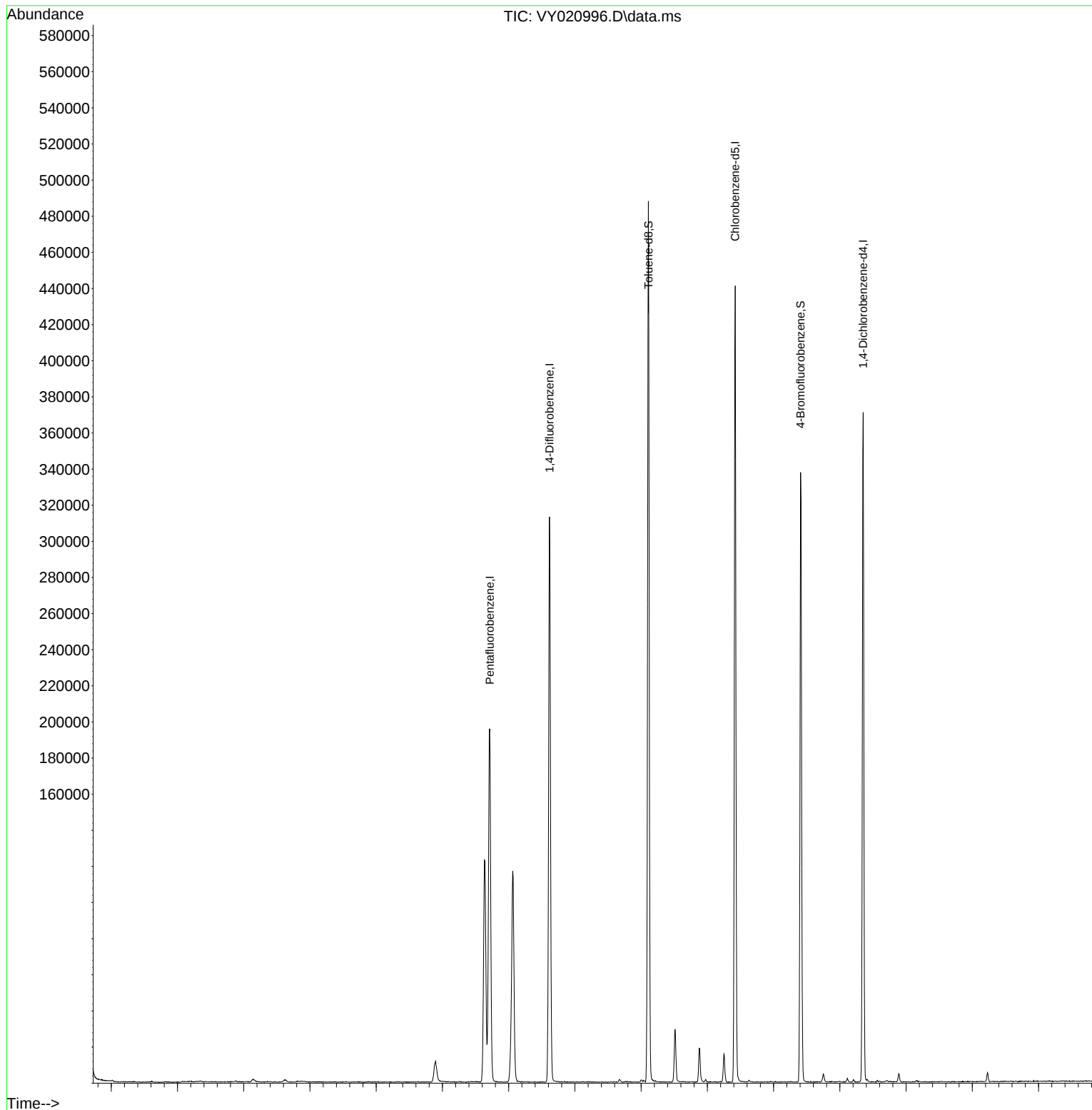
Target Compounds	Qvalue

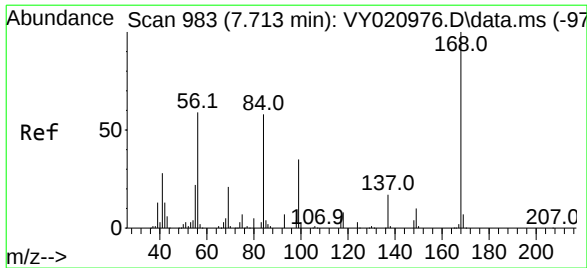
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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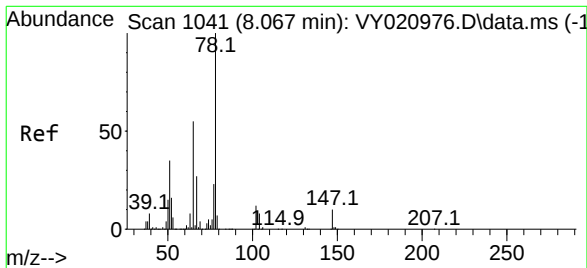
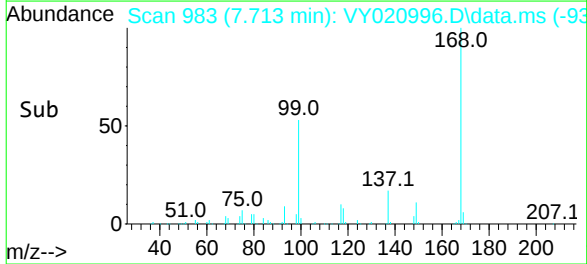
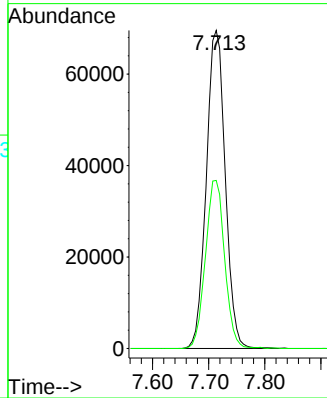
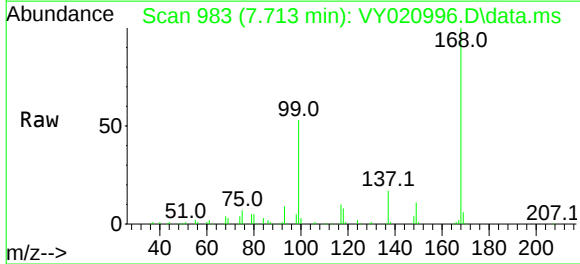




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020996.D
Acq: 30 Jan 2025 19:13

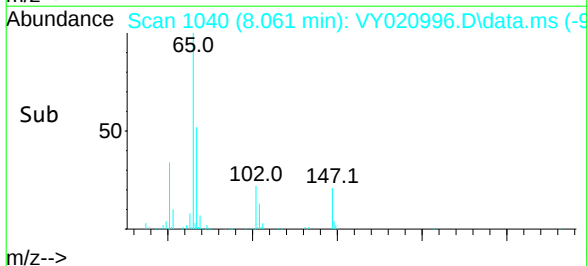
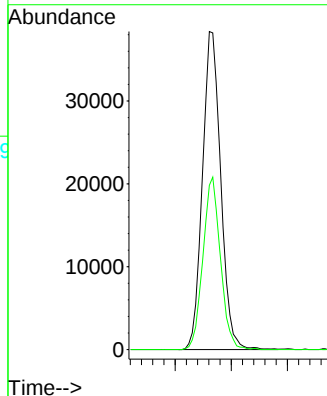
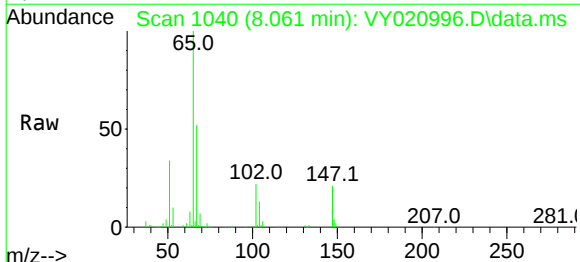
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

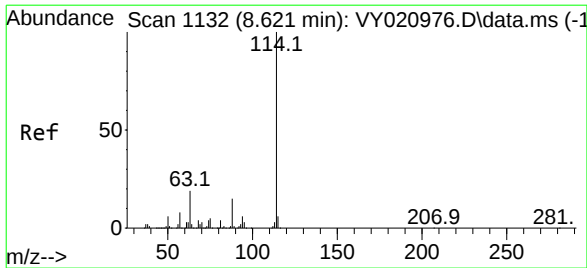
Tgt Ion:168 Resp: 163101
Ion Ratio Lower Upper
168 100
99 52.8 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 62.610 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY020996.D
Acq: 30 Jan 2025 19:13

Tgt Ion: 65 Resp: 86944
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4

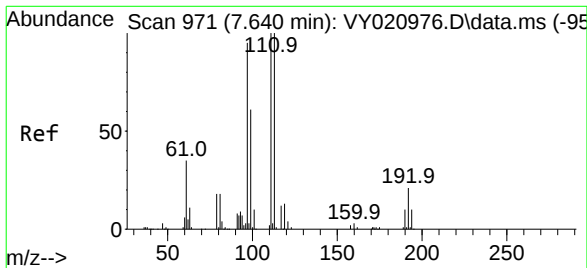
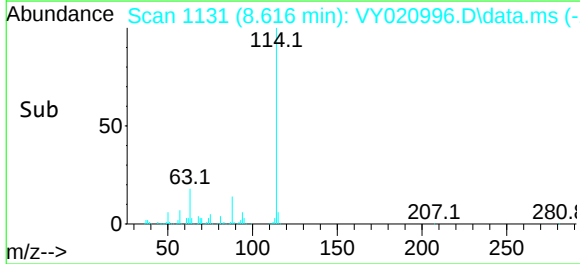
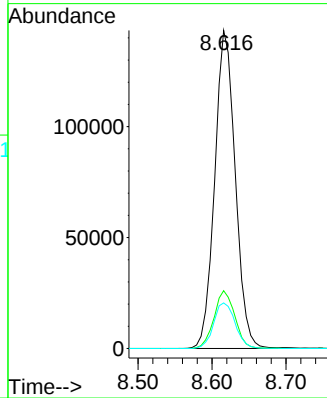
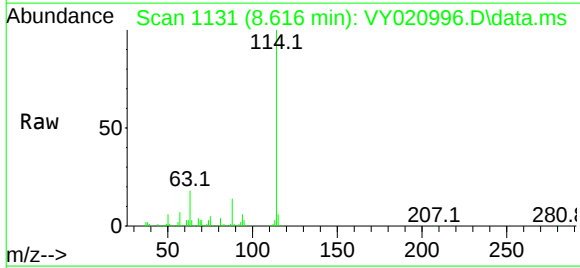




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020996.D
Acq: 30 Jan 2025 19:13

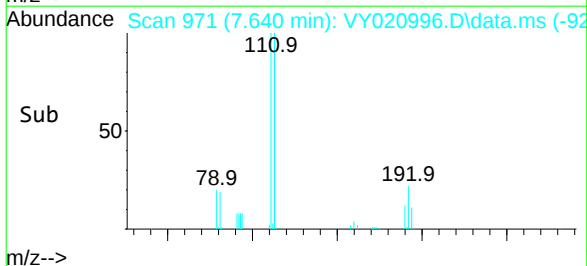
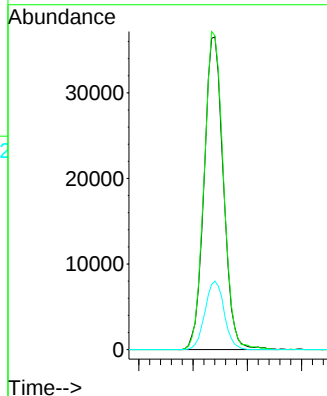
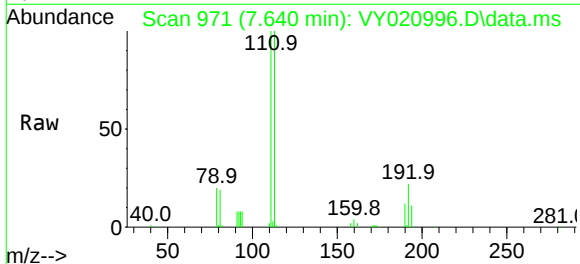
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VIBLK

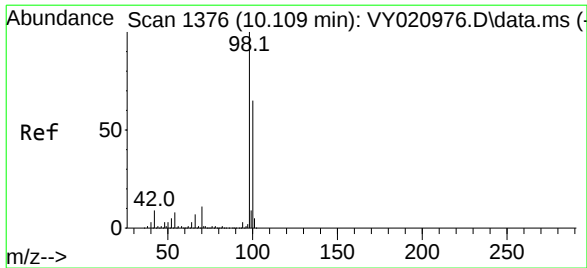
Tgt Ion:	114	Resp:	276778
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	37.2
88	14.3	0.0	29.6



#35
Dibromofluoromethane
Concen: 54.331 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020996.D
Acq: 30 Jan 2025 19:13

Tgt Ion:	113	Resp:	90403
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	21.8	16.8	25.2





#50

Toluene-d8

Concen: 50.092 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020996.D

Acq: 30 Jan 2025 19:13

Instrument :

MSVOA_Y

ClientSampleId :

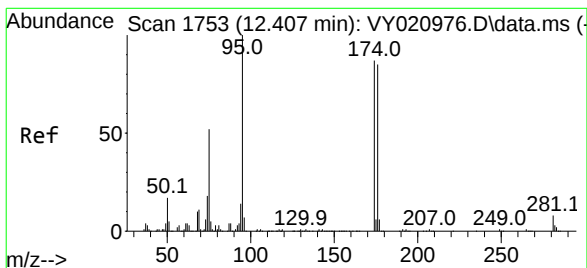
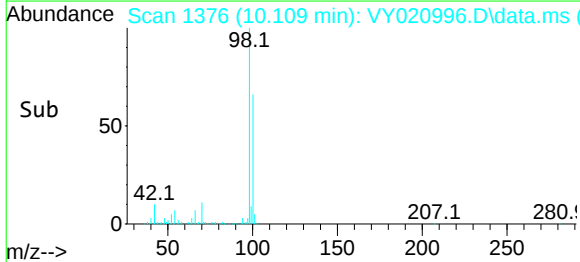
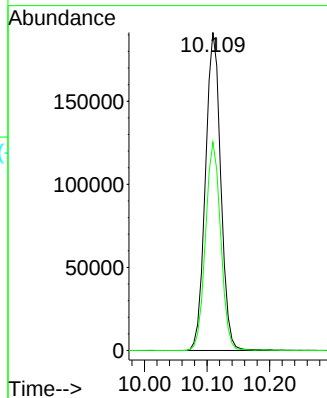
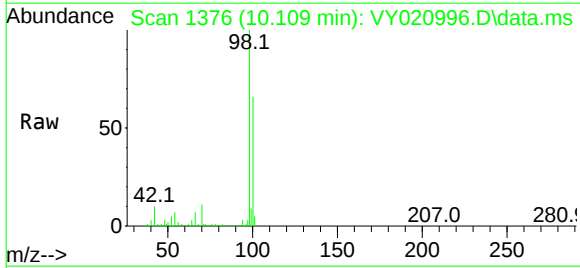
VIBLK

Tgt Ion: 98 Resp: 325322

Ion Ratio Lower Upper

98 100

100 64.9 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.509 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020996.D

Acq: 30 Jan 2025 19:13

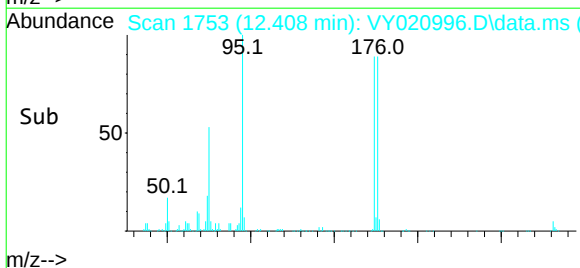
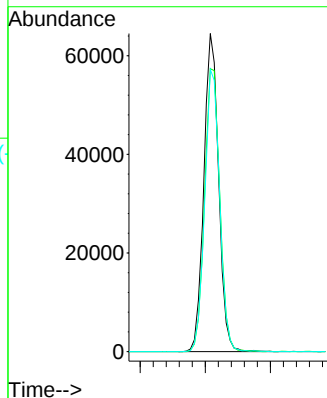
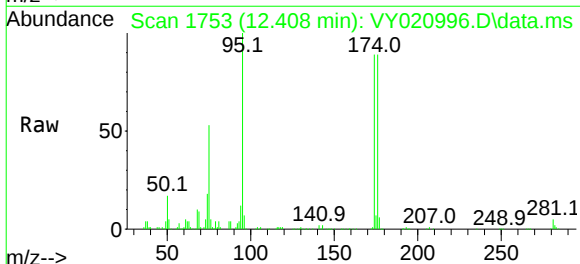
Tgt Ion: 95 Resp: 101354

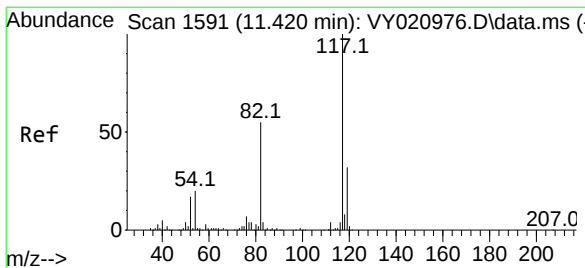
Ion Ratio Lower Upper

95 100

174 91.8 0.0 181.2

176 89.7 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020996.D

Acq: 30 Jan 2025 19:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

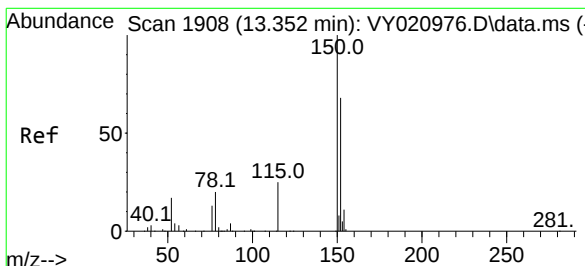
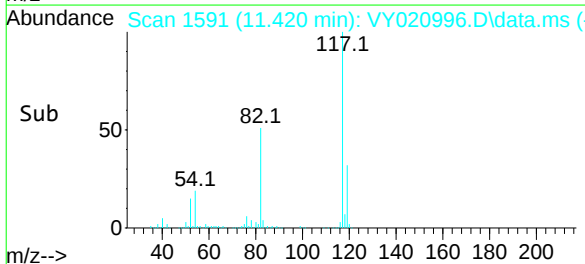
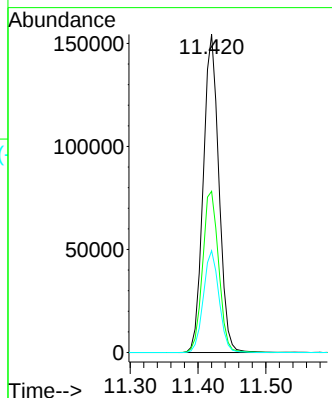
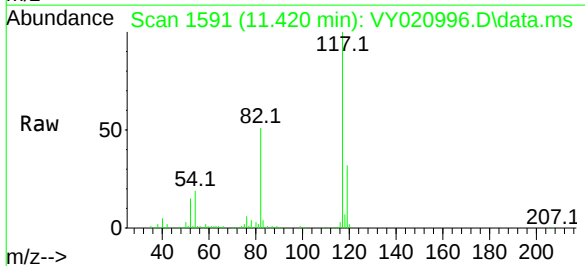
Tgt Ion:117 Resp: 246785

Ion Ratio Lower Upper

117 100

82 50.7 44.2 66.2

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020996.D

Acq: 30 Jan 2025 19:13

Tgt Ion:152 Resp: 100181

Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

150 157.2 0.0 342.8

