

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020981.D
 Acq On : 30 Jan 2025 13:02
 Operator : SY/MD
 Sample : VY0130SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01

Quant Time: Jan 31 04:38:49 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	7.719	168	163382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	277976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	251176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	99113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	85247	61.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.560%
35) Dibromofluoromethane	7.646	113	89801	53.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.480%
50) Toluene-d8	10.115	98	332751	51.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.414	95	104147	47.585	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.160%

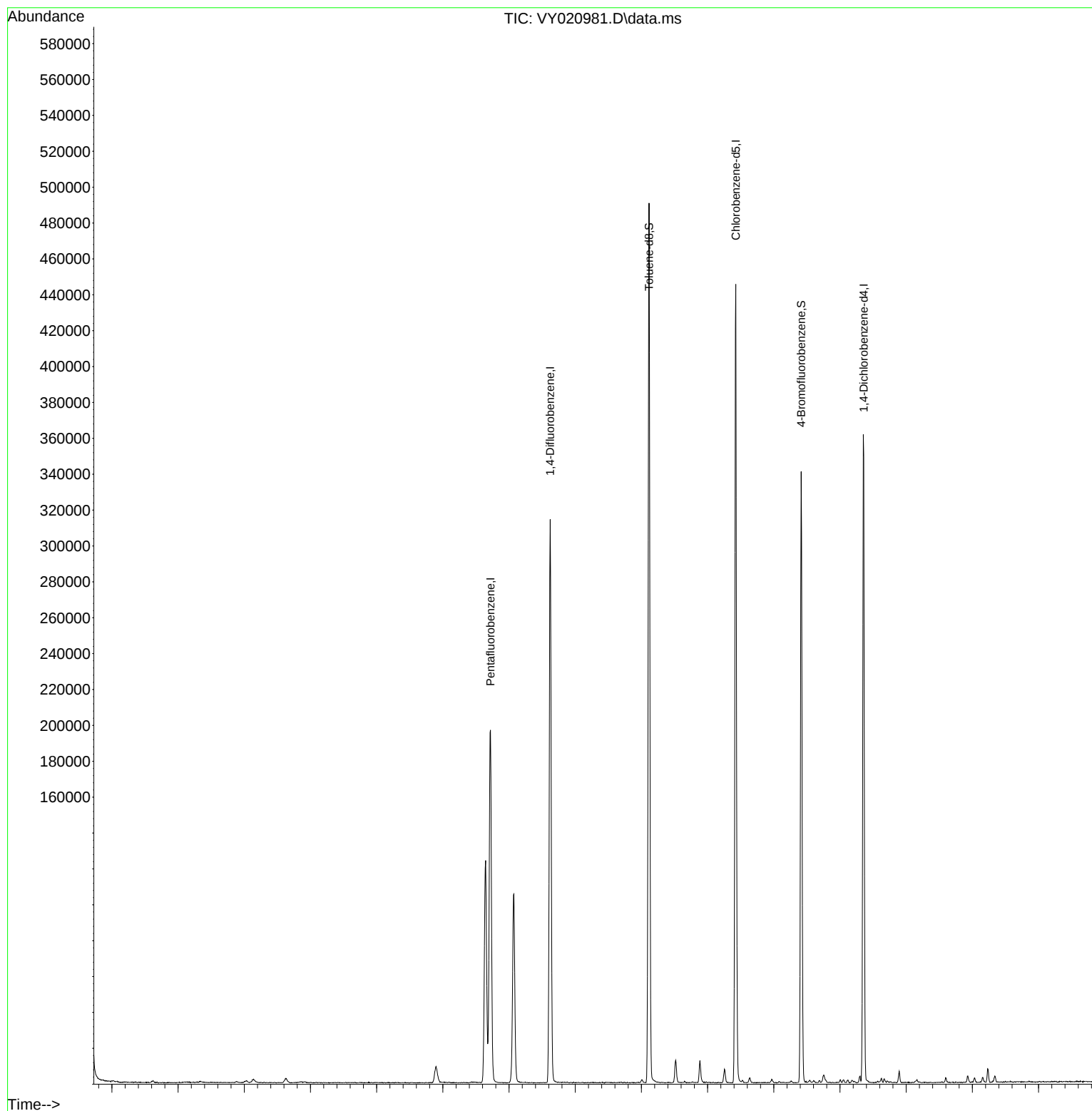
Target Compounds	Qvalue

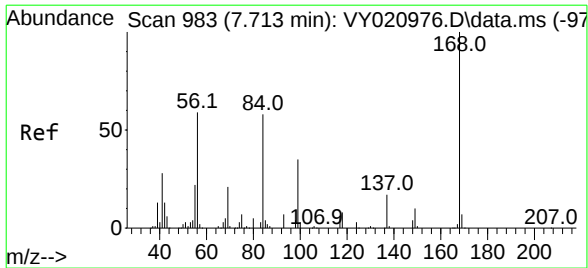
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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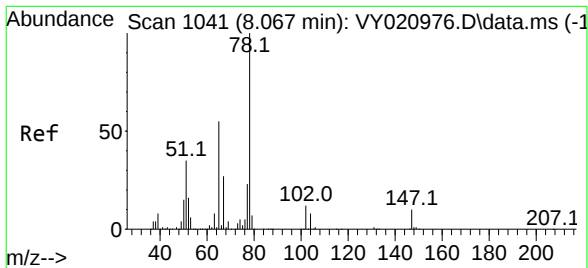
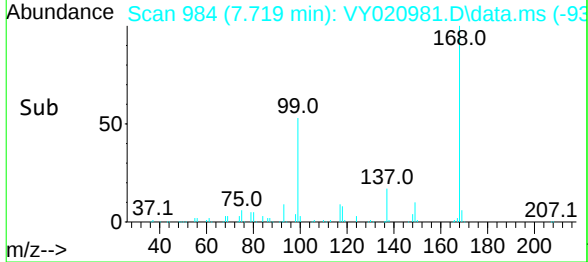
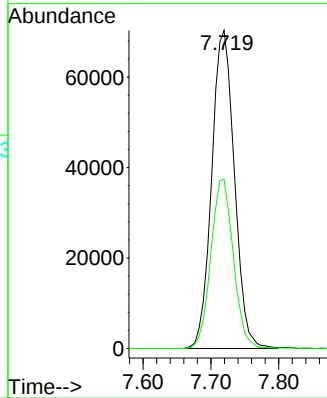
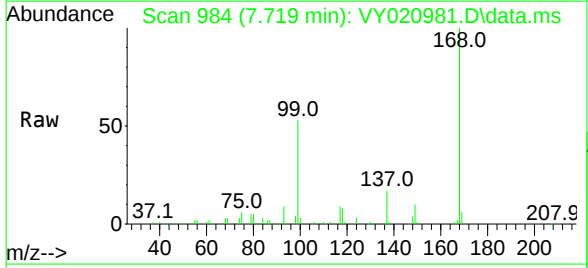




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

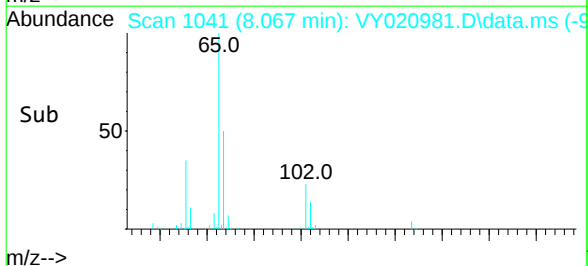
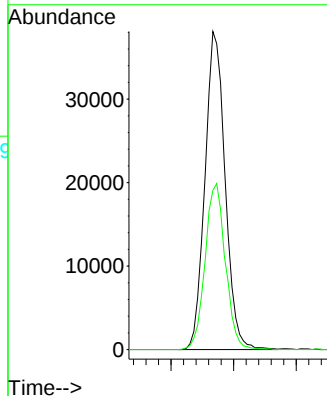
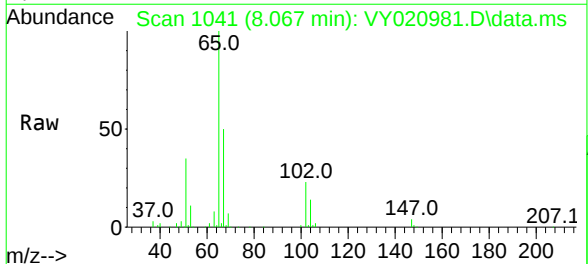
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

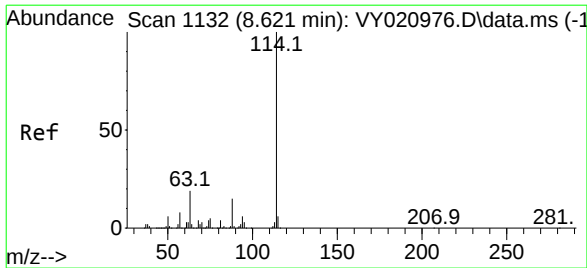
Tgt Ion:168 Resp: 163382
Ion Ratio Lower Upper
168 100
99 53.2 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 61.282 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion: 65 Resp: 85247
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4

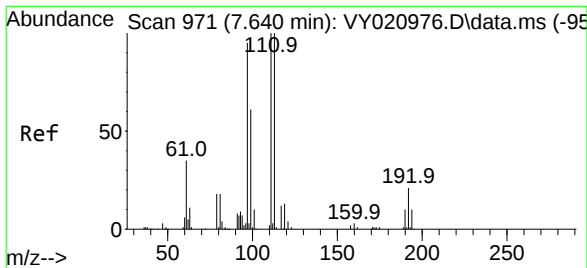
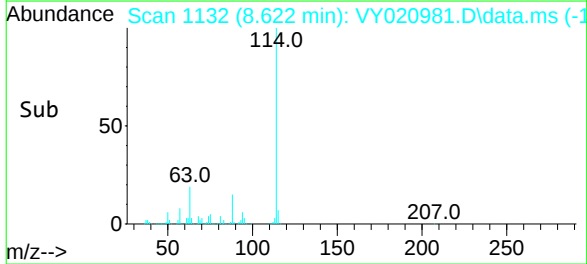
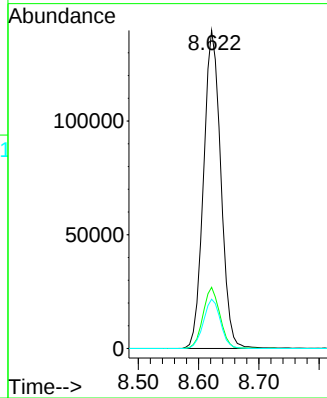
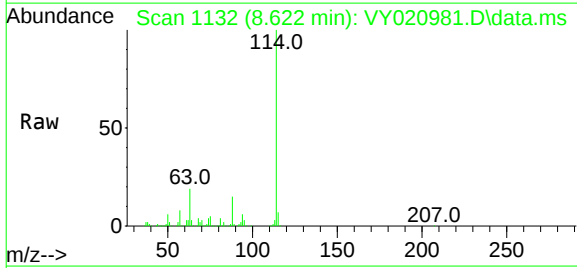




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

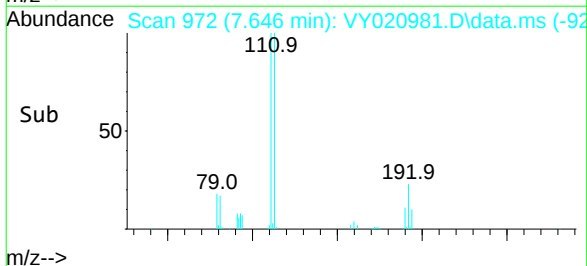
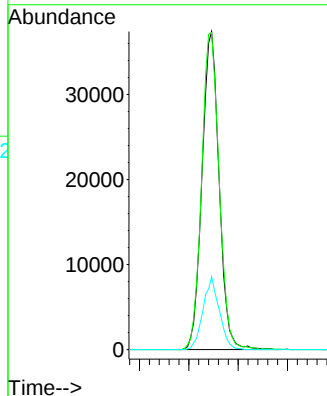
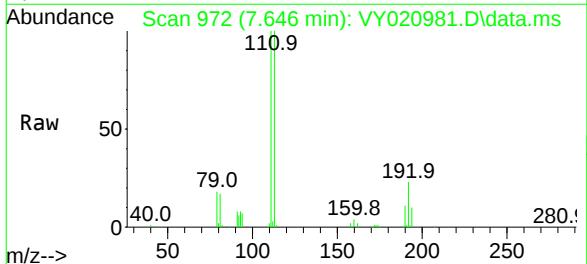
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

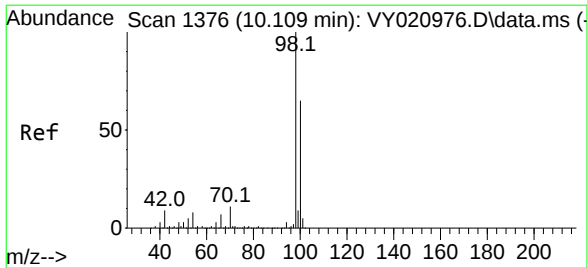
Tgt Ion:	114	Resp:	277976
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.2
88	15.5	0.0	29.6



#35
Dibromofluoromethane
Concen: 53.736 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020981.D
Acq: 30 Jan 2025 13:02

Tgt Ion:	113	Resp:	89801
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	21.7	16.8	25.2





#50

Toluene-d8

Concen: 51.015 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020981.D

Acq: 30 Jan 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

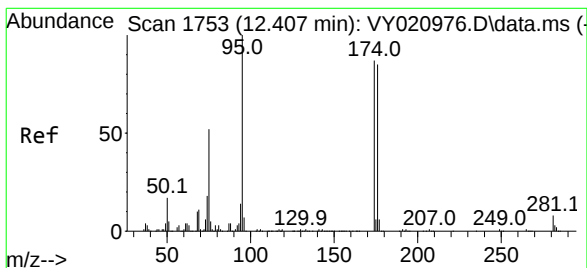
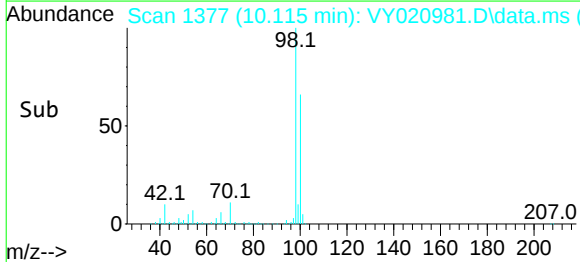
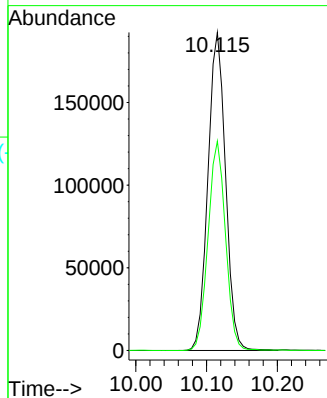
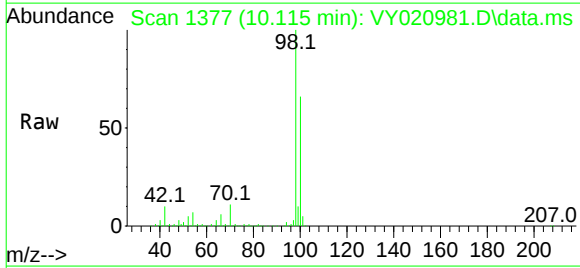
VY0130SBL01

Tgt Ion: 98 Resp: 332751

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 47.585 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020981.D

Acq: 30 Jan 2025 13:02

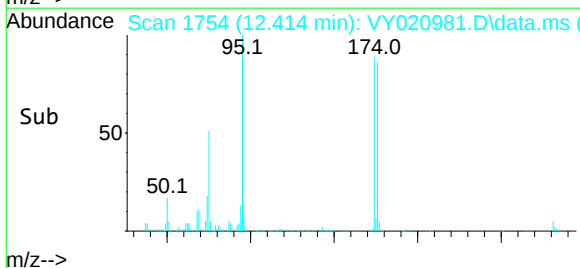
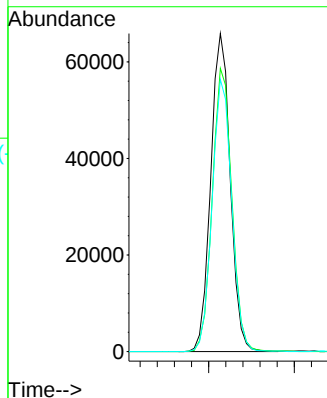
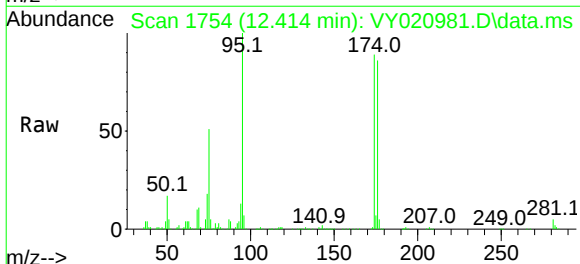
Tgt Ion: 95 Resp: 104147

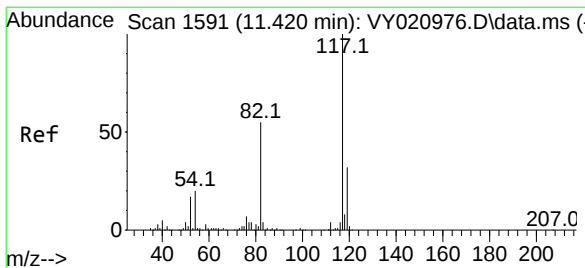
Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.2

176 86.1 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020981.D

Acq: 30 Jan 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0130SBL01

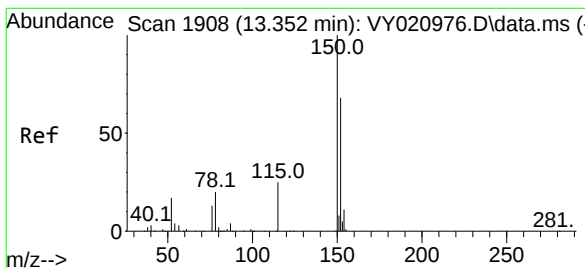
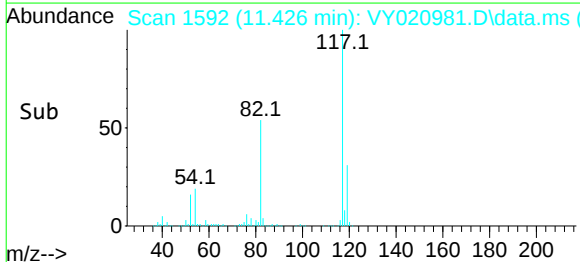
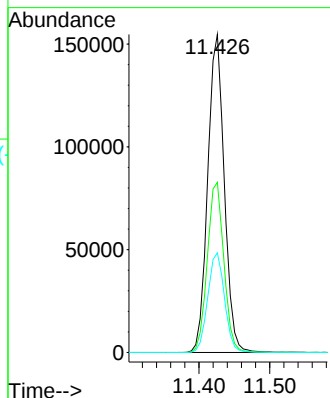
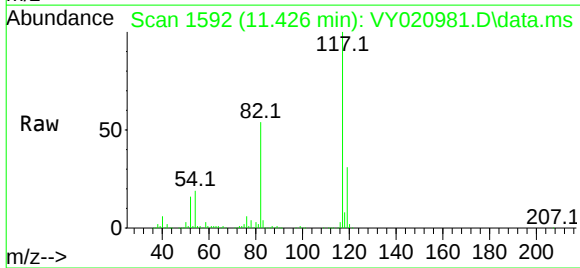
Tgt Ion:117 Resp: 251176

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020981.D

Acq: 30 Jan 2025 13:02

Tgt Ion:152 Resp: 99113

Ion Ratio Lower Upper

152 100

115 57.1 28.4 85.2

150 156.8 0.0 342.8

