

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020958.D
 Acq On : 29 Jan 2025 09:30
 Operator : SY/MD
 Sample : VY0129SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

Quant Time: Jan 30 00:31:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	210912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	361800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	309527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	119372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105932	62.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.980%
35) Dibromofluoromethane	7.646	113	114754	55.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.500%
50) Toluene-d8	10.115	98	420548	52.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.414	95	126487	47.175	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.340%

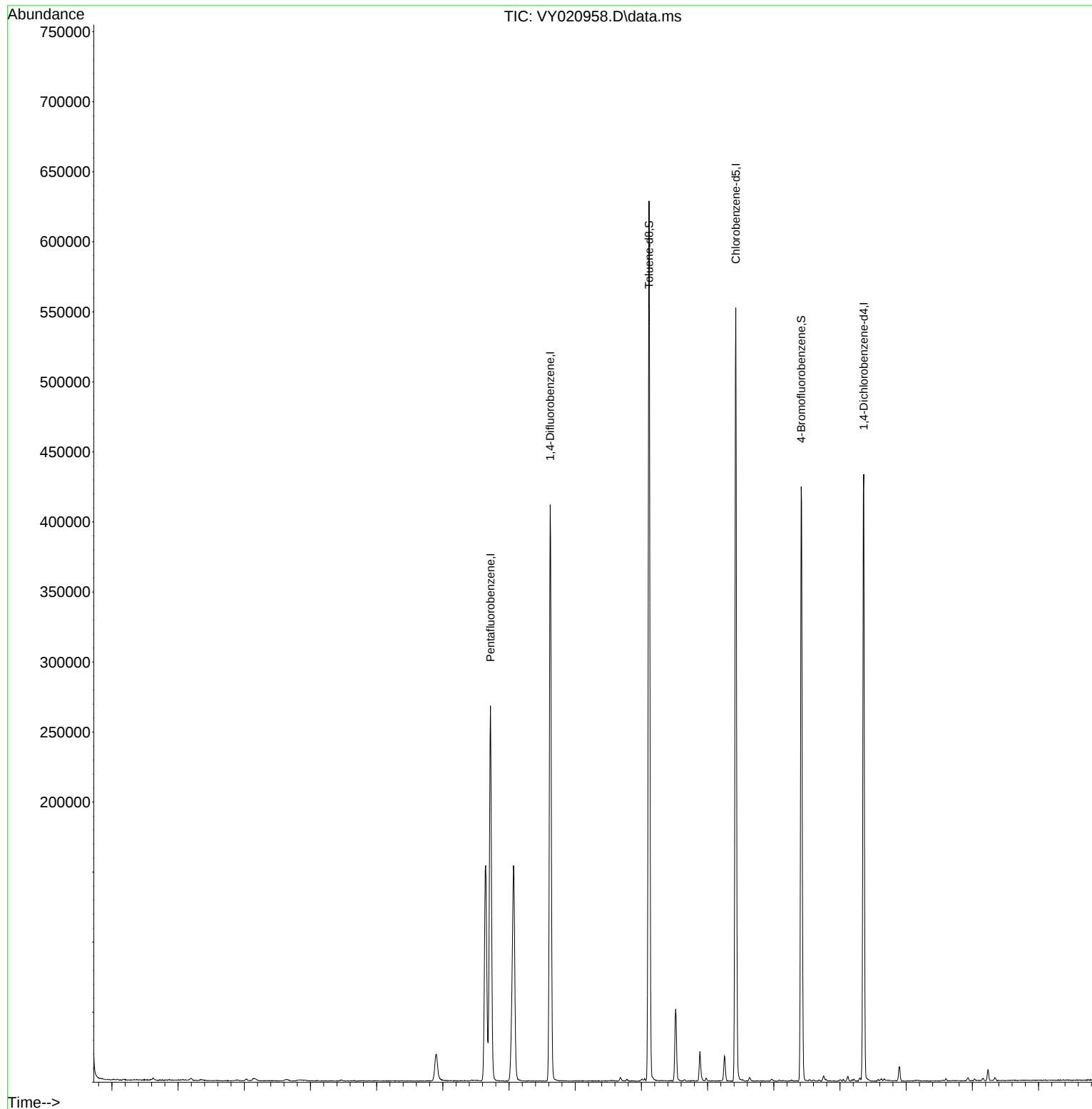
Target Compounds	Qvalue

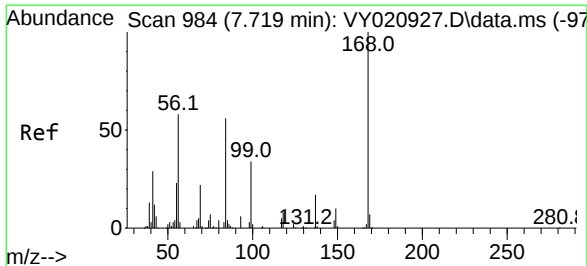
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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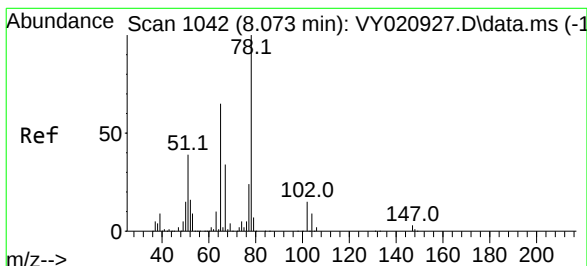
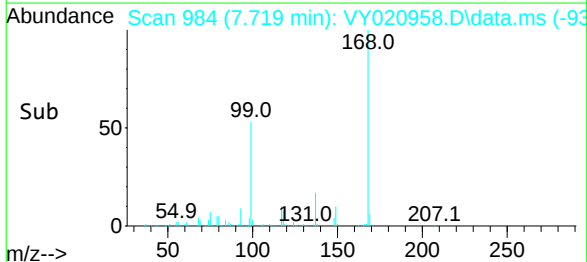
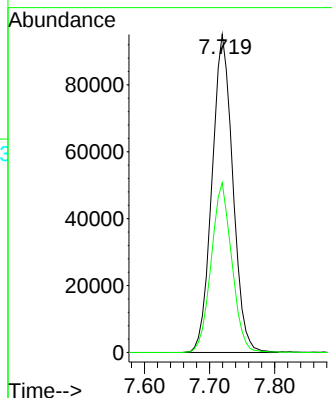
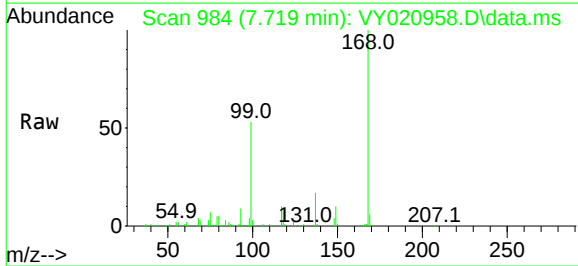




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020958.D
Acq: 29 Jan 2025 09:30

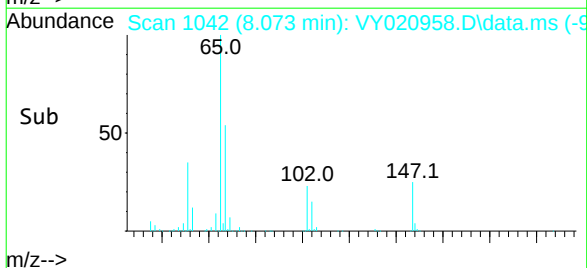
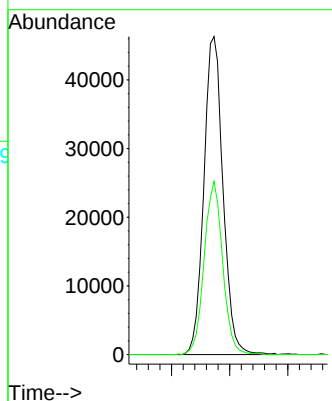
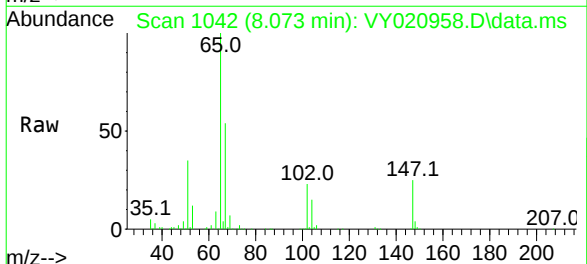
Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

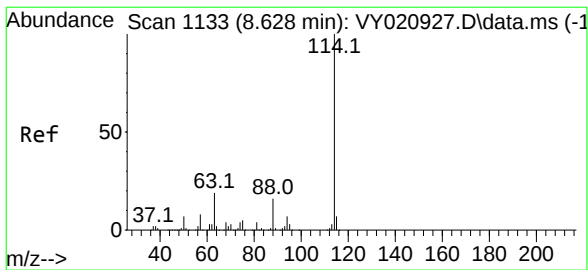
Tgt Ion:168 Resp: 210912
Ion Ratio Lower Upper
168 100
99 53.4 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 62.994 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020958.D
Acq: 29 Jan 2025 09:30

Tgt Ion: 65 Resp: 105932
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

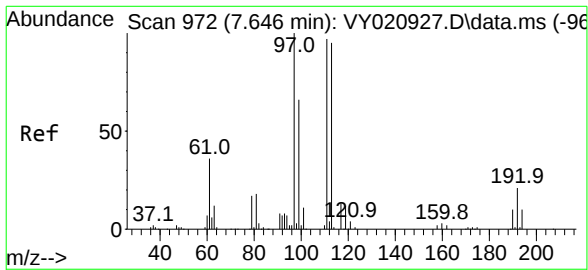
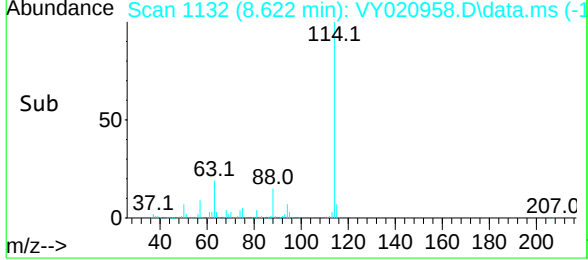
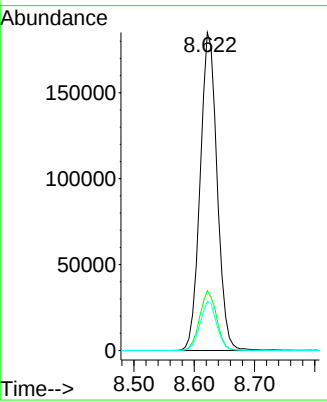
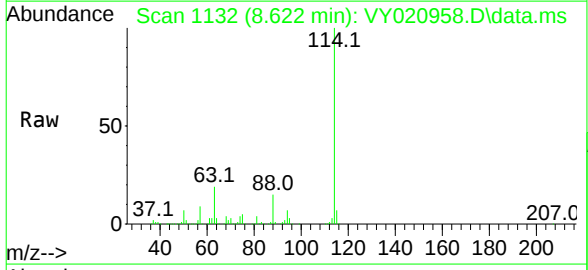




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020958.D
 Acq: 29 Jan 2025 09:30

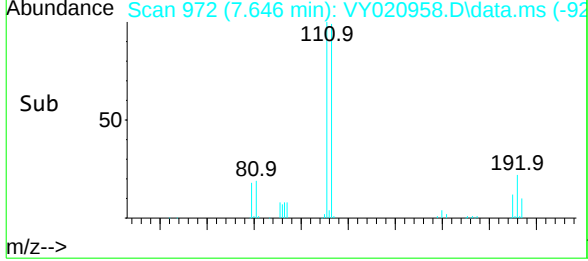
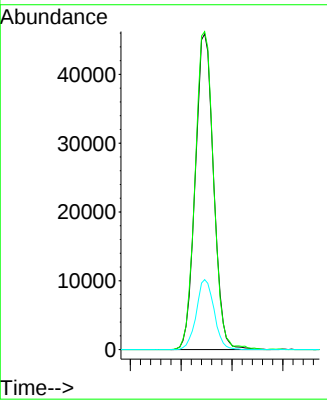
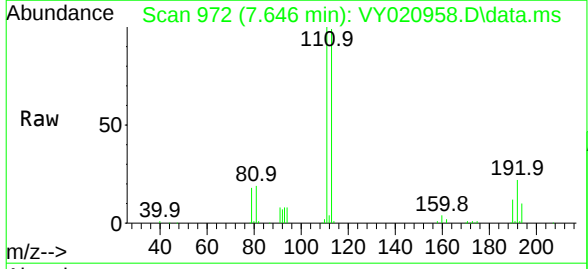
Instrument :
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 ClientSampleId :
 VY0129SBL01

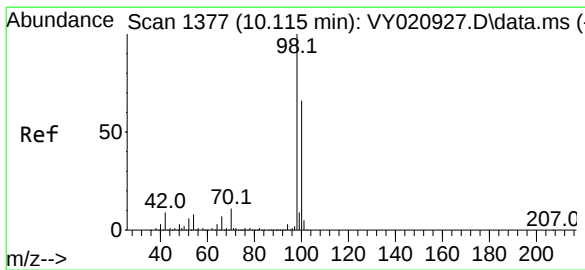
Tgt Ion:	114	Resp:	361800
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 55.249 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.000 min
 Lab File: VY020958.D
 Acq: 29 Jan 2025 09:30

Tgt Ion:	113	Resp:	114754
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.3	123.5
192	21.6	17.4	26.2





#50

Toluene-d8

Concen: 52.200 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020958.D

Acq: 29 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

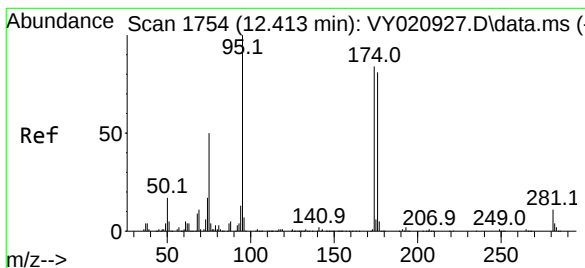
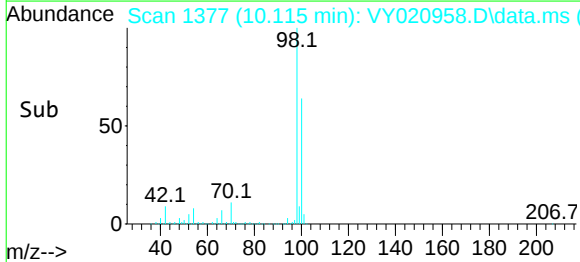
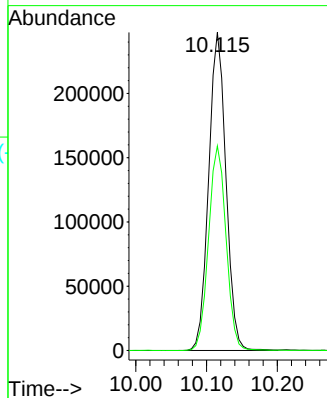
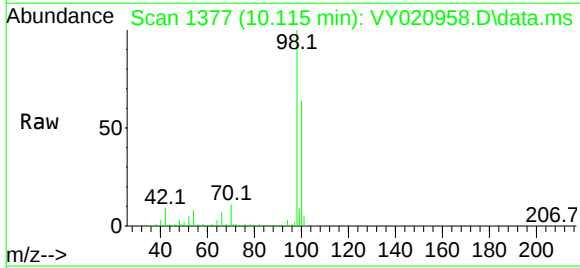
VY0129SBL01

Tgt Ion: 98 Resp: 420548

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.175 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020958.D

Acq: 29 Jan 2025 09:30

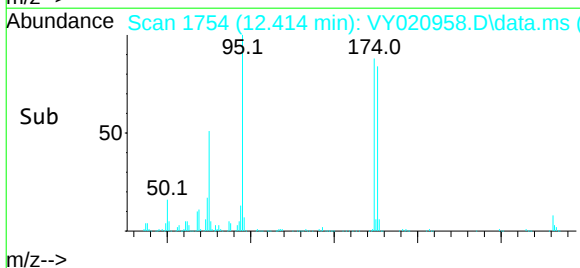
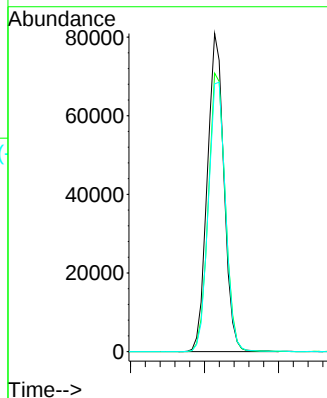
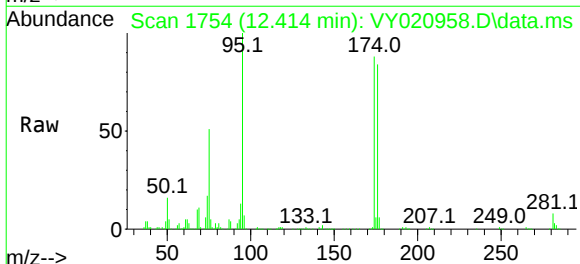
Tgt Ion: 95 Resp: 126487

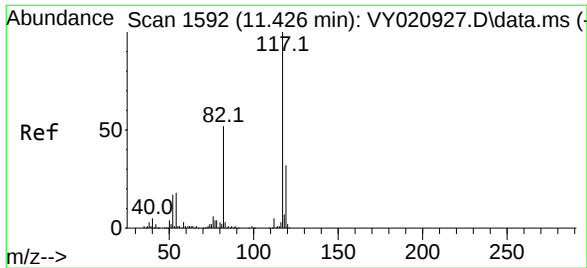
Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.4

176 87.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020958.D

Acq: 29 Jan 2025 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBL01

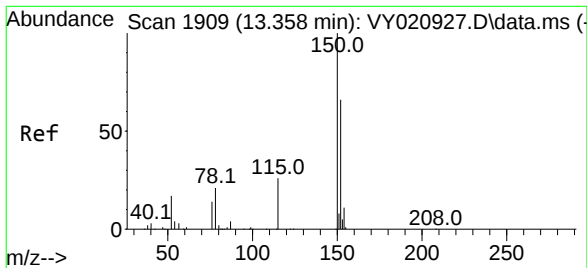
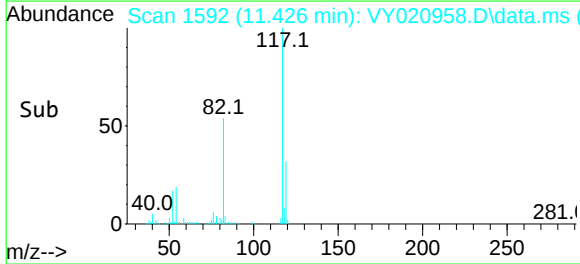
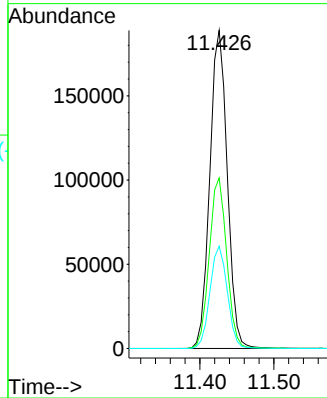
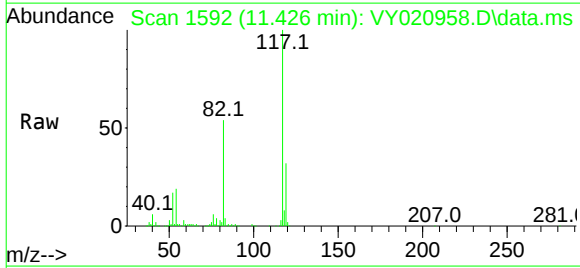
Tgt Ion:117 Resp: 309527

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

119 32.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020958.D

Acq: 29 Jan 2025 09:30

Tgt Ion:152 Resp: 119372

Ion Ratio Lower Upper

152 100

115 56.4 29.0 87.0

150 155.4 0.0 347.6

