

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021199.D
 Acq On : 14 Feb 2025 09:42
 Operator : SY/MD
 Sample : VY0214SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0214SBL01

Quant Time: Feb 14 22:14:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	153469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	288189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	263038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	98934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	89557	56.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.920%
35) Dibromofluoromethane	7.646	113	94346	51.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.115	98	353828	50.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.413	95	107070	46.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.220%

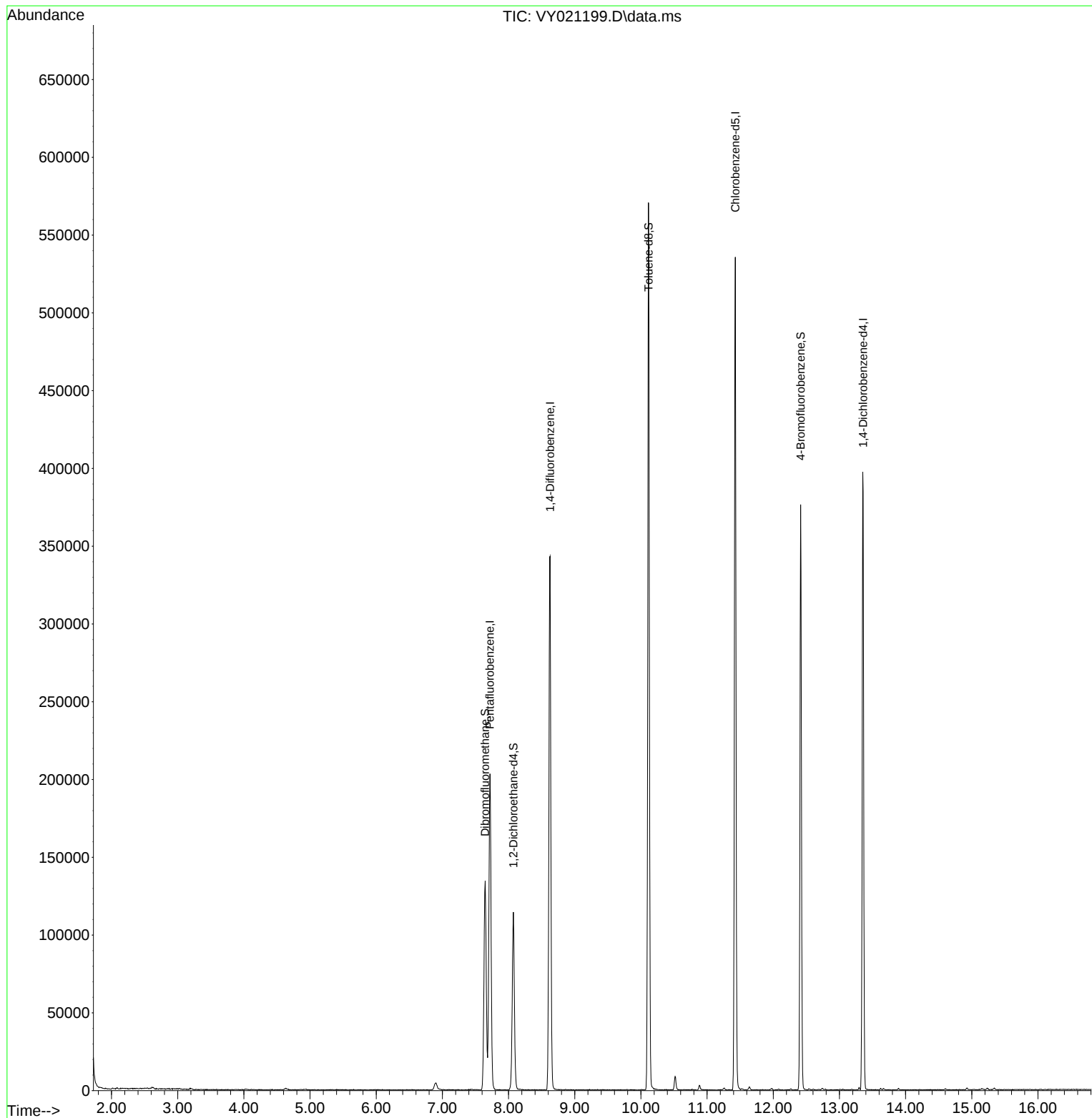
Target Compounds	Qvalue

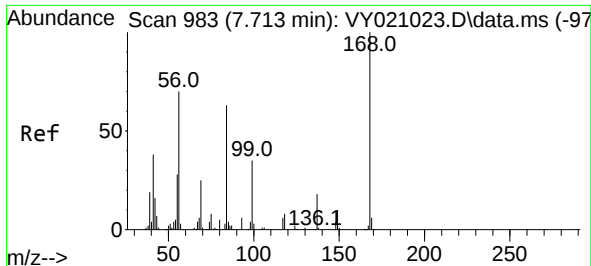
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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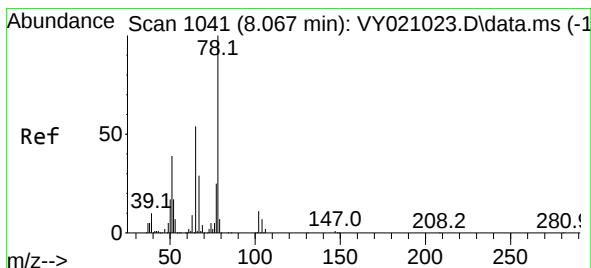
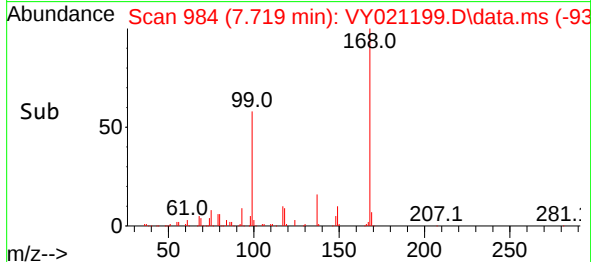
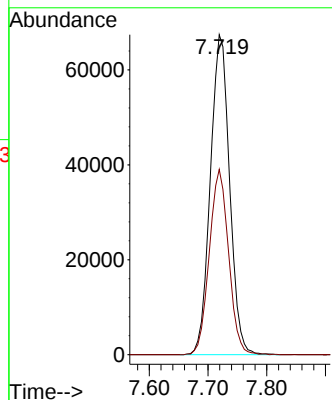
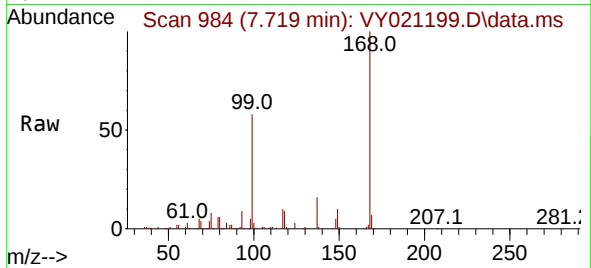




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

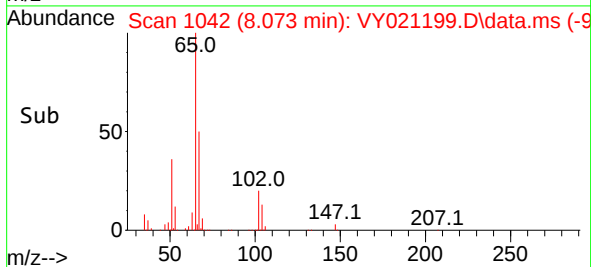
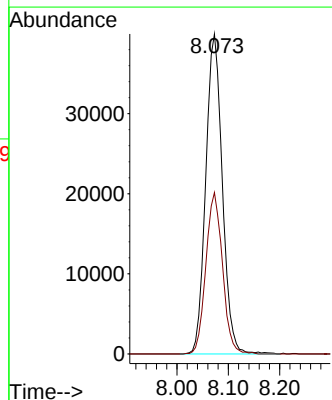
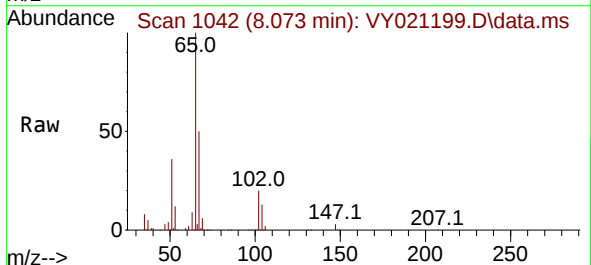
Instrument :
MSVOA_Y
ClientSampleId :
VY0214SBL01

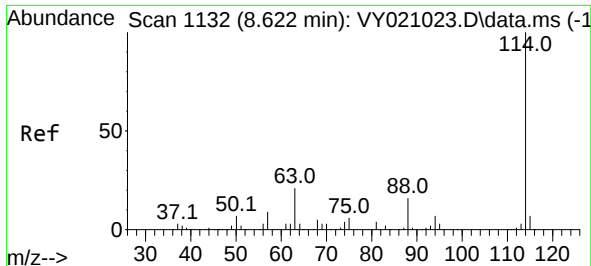
Tgt Ion:168 Resp: 153469
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.955 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 65 Resp: 89557
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBL01

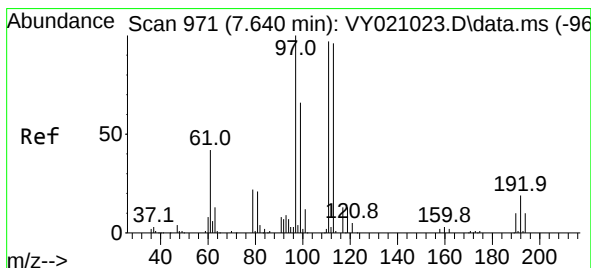
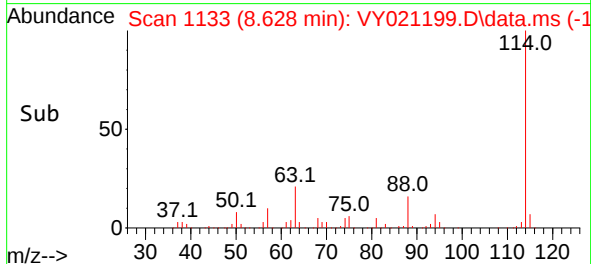
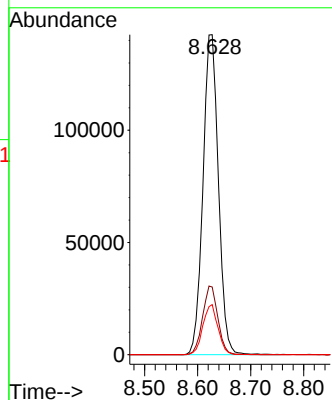
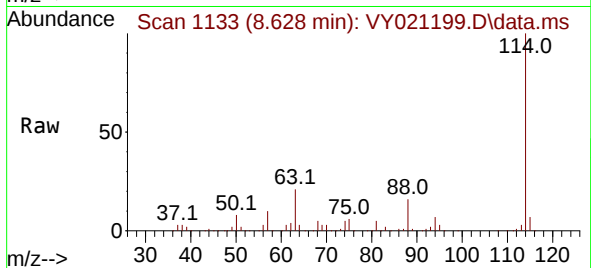
Tgt Ion:114 Resp: 288189

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.083 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

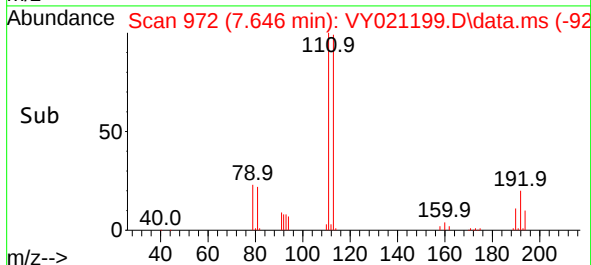
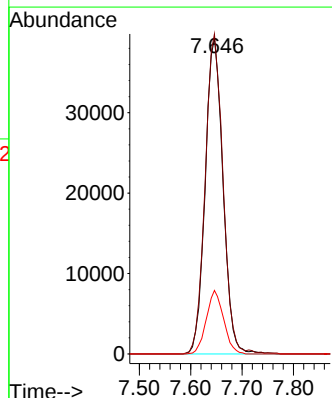
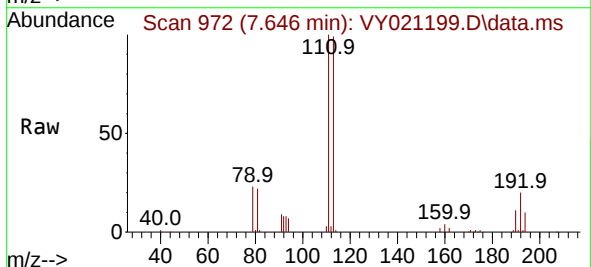
Tgt Ion:113 Resp: 94346

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 19.6 14.5 21.7

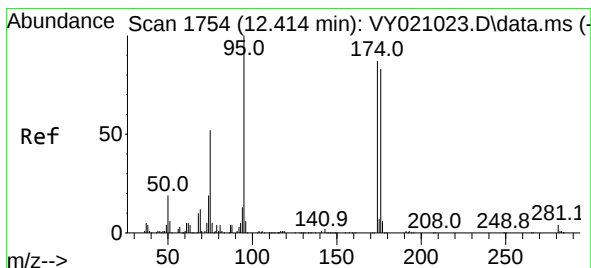
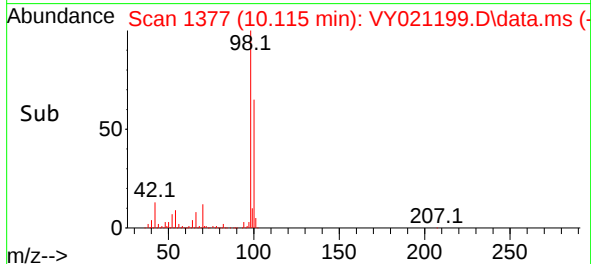
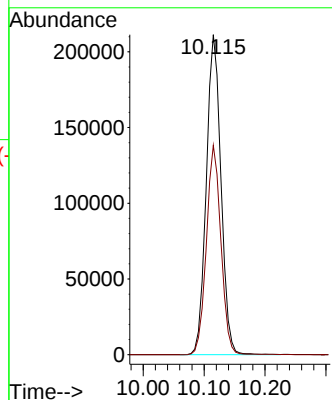
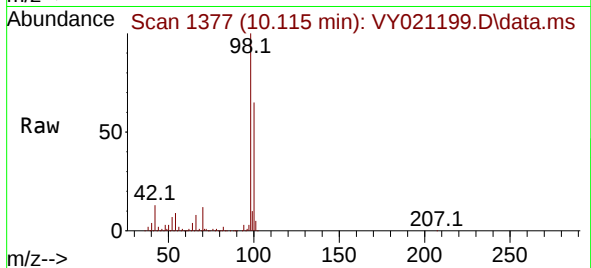




#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.115 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

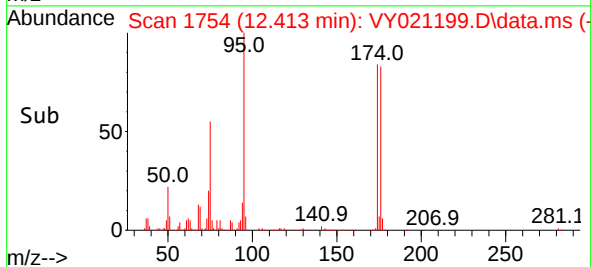
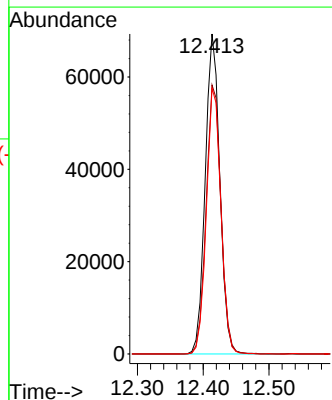
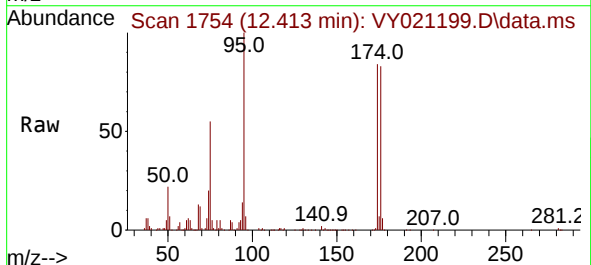
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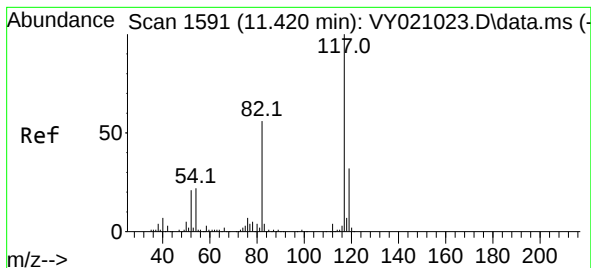
Tgt Ion: 98 Resp: 353828
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021199.D
Acq: 14 Feb 2025 09:42

Tgt Ion: 95 Resp: 107070
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0214SBL01

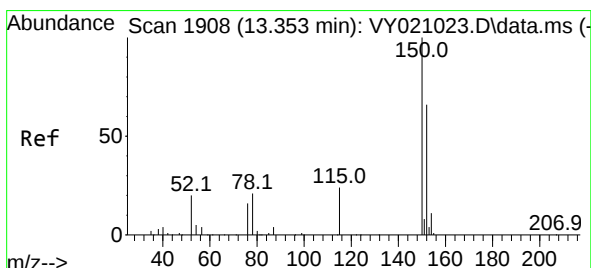
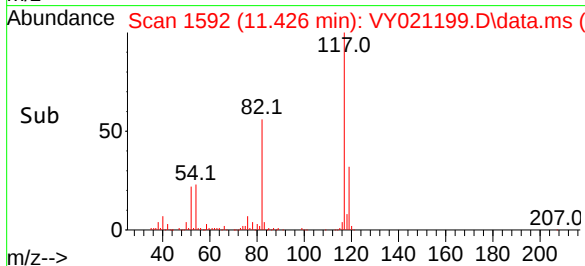
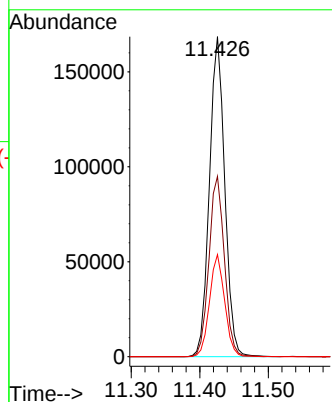
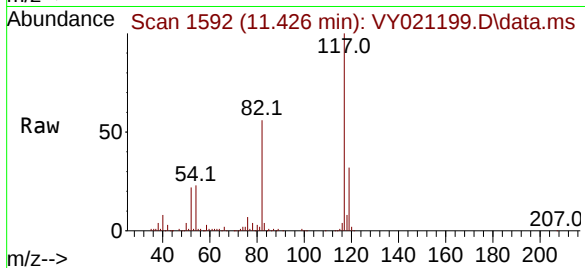
Tgt Ion:117 Resp: 263038

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021199.D

Acq: 14 Feb 2025 09:42

Tgt Ion:152 Resp: 98934

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 155.0 0.0 344.6

