

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021059.D
 Acq On : 04 Feb 2025 15:26
 Operator : SY/MD
 Sample : Q1232-13
 Misc : 11.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-42.2-012925

Quant Time: Feb 05 00:47:43 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	7.707	168	151439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	288850	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	276517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	111286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98934	63.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.520%
35) Dibromofluoromethane	7.634	113	91396	49.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.103	98	354123	50.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.408	95	115424	50.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.260%

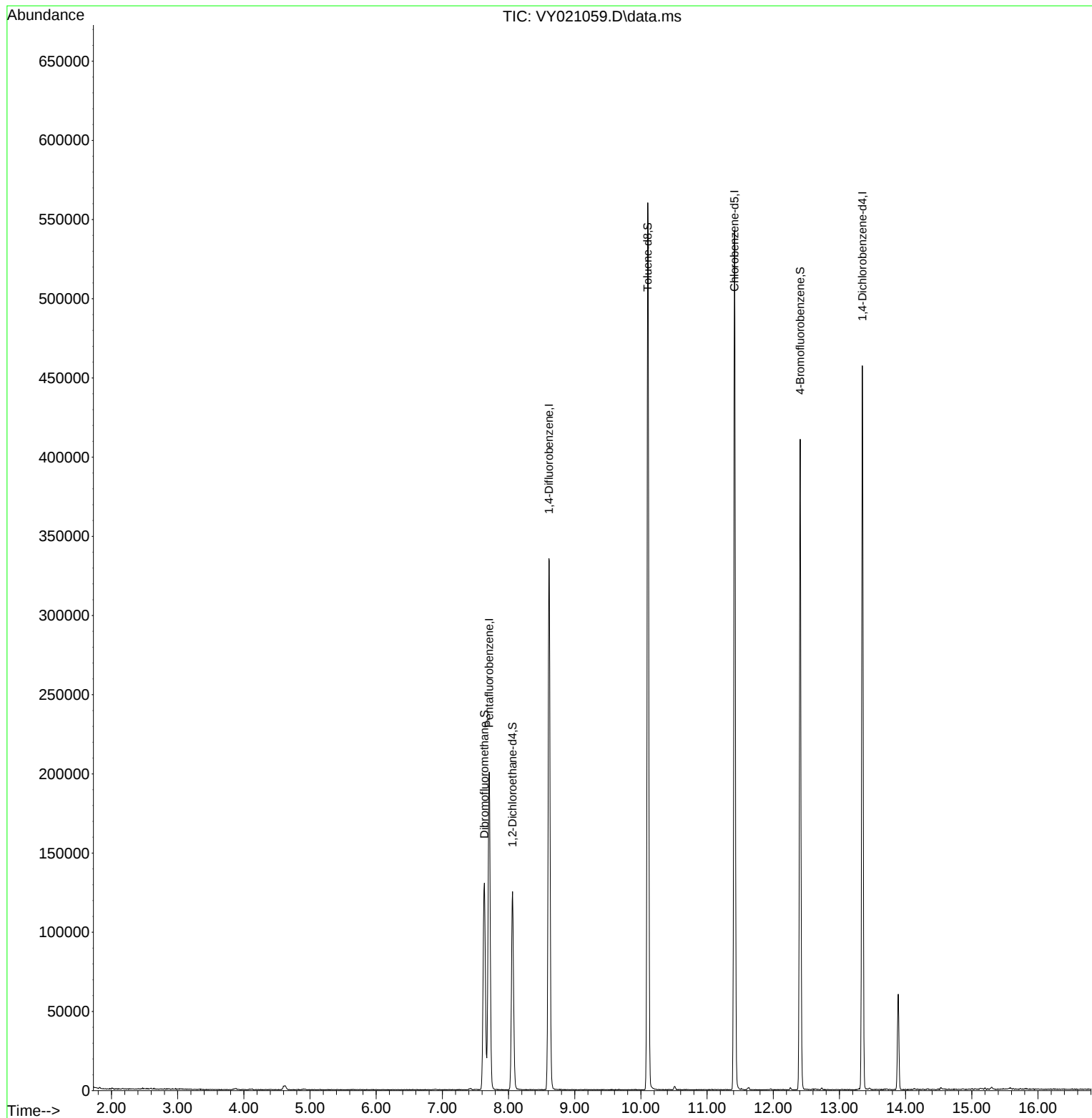
Target Compounds	Qvalue

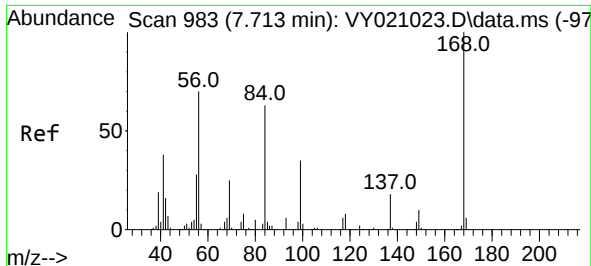
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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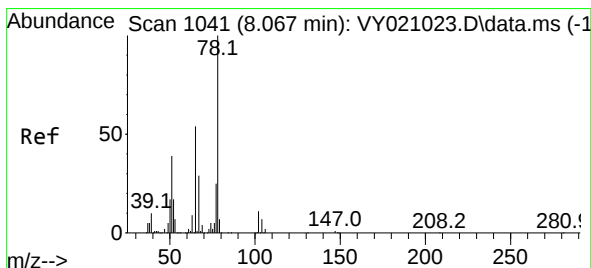
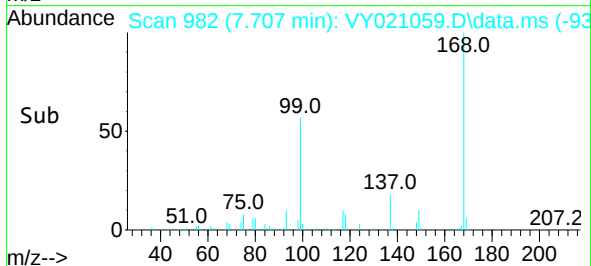
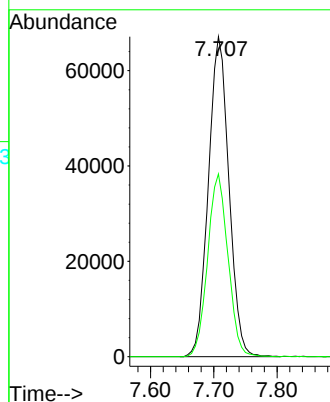
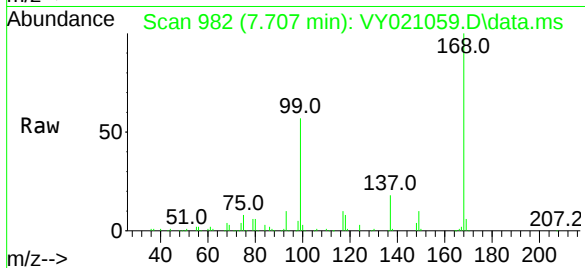




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

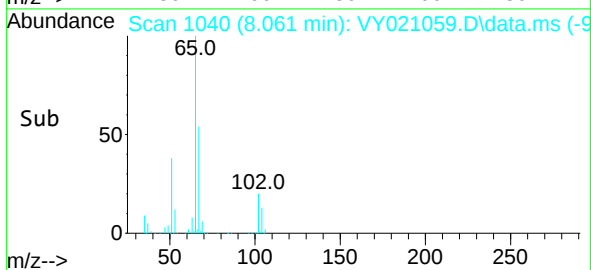
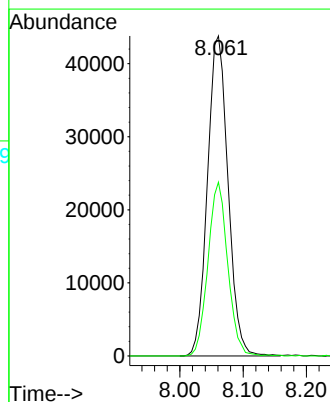
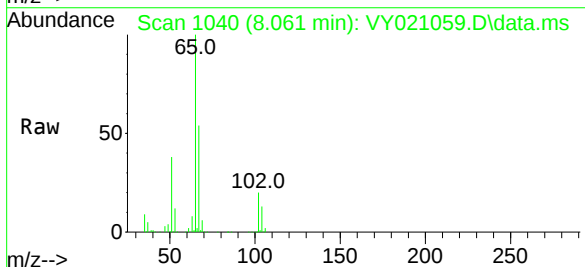
Instrument :
MSVOA_Y
ClientSampleId :
JPP-42.2-012925

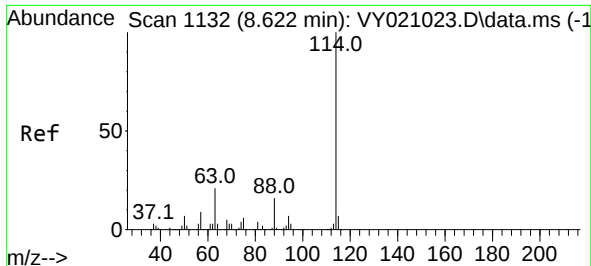
Tgt Ion:168 Resp: 151439
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.762 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion: 65 Resp: 98934
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.0

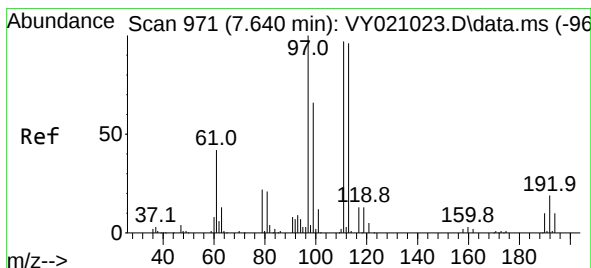
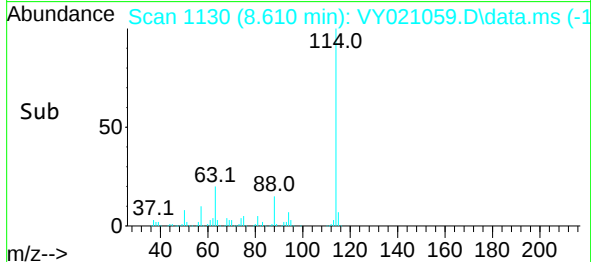
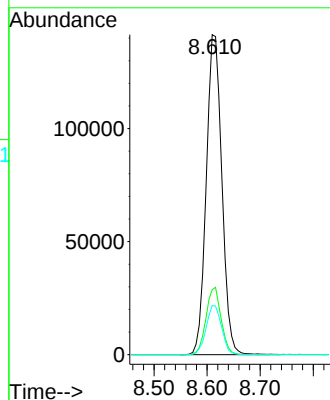
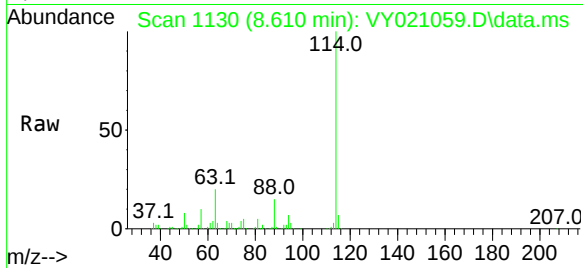




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

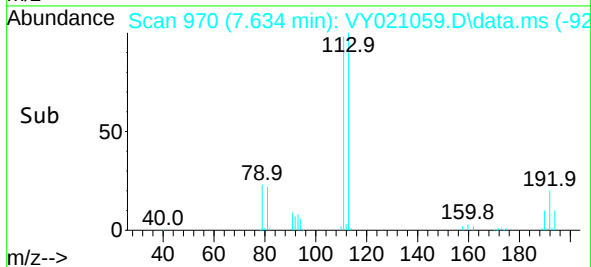
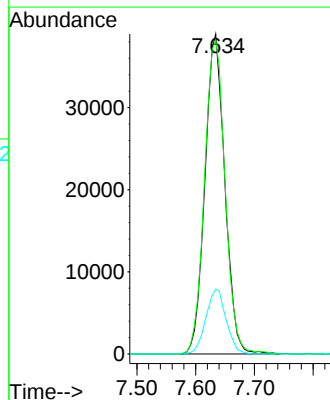
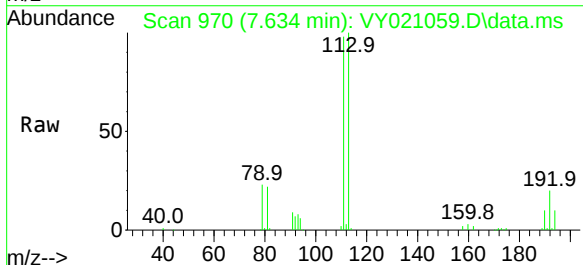
Instrument :
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ClientSampleId :
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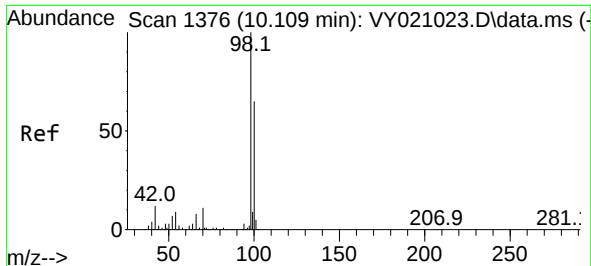
Tgt Ion:114 Resp: 288850
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion:113 Resp: 91396
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 20.6 14.5 21.7

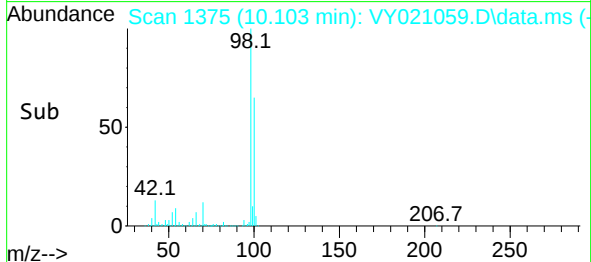
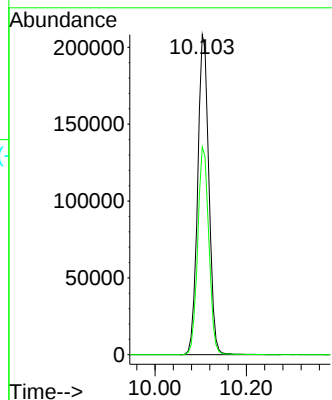
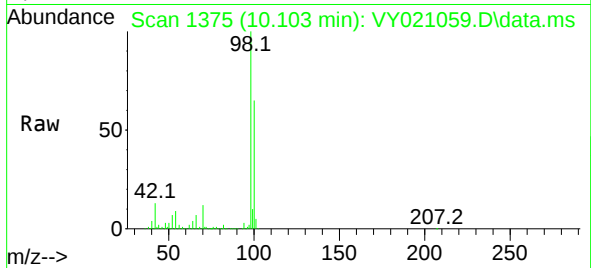




#50
Toluene-d8
Concen: 50.249 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

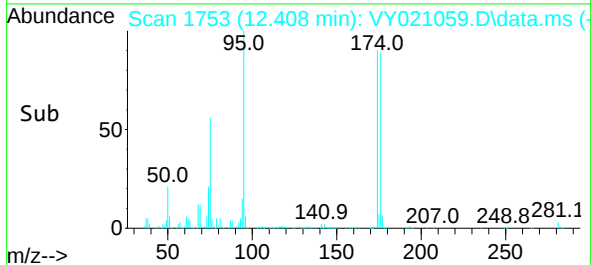
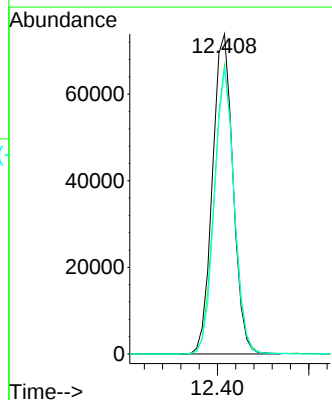
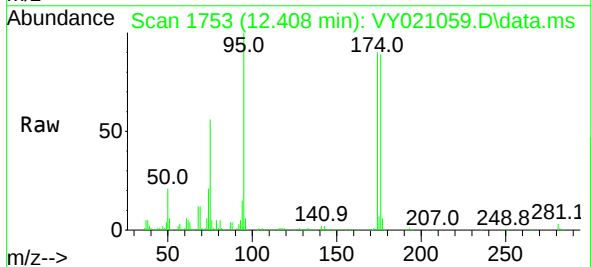
Instrument :
MSVOA_Y
ClientSampleId :
JPP-42.2-012925

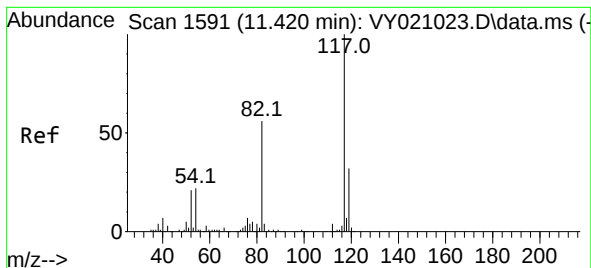
Tgt Ion: 98 Resp: 354123
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021059.D
Acq: 04 Feb 2025 15:26

Tgt Ion: 95 Resp: 115424
Ion Ratio Lower Upper
95 100
174 88.0 0.0 160.0
176 85.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

JPP-42.2-012925

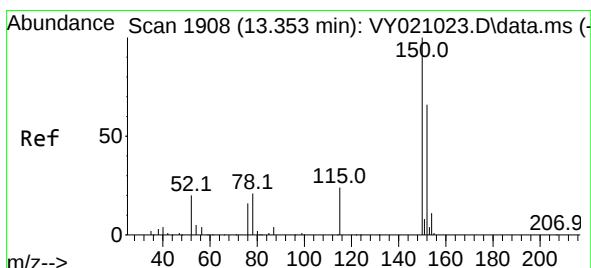
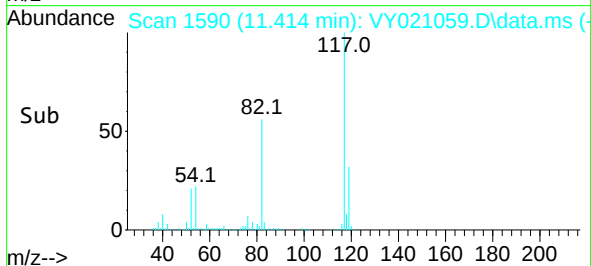
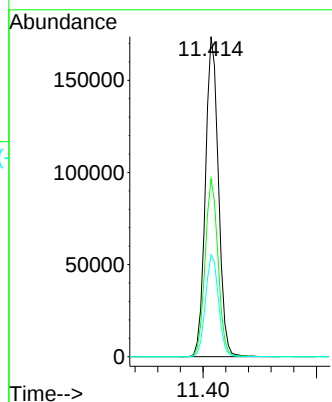
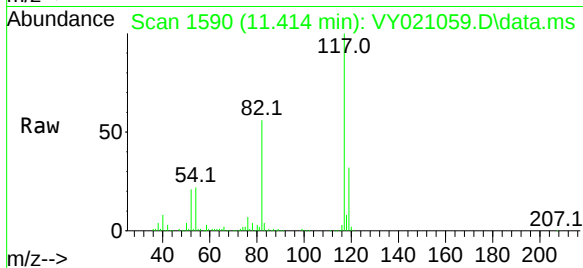
Tgt Ion:117 Resp: 276517

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021059.D

Acq: 04 Feb 2025 15:26

Tgt Ion:152 Resp: 111286

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 155.6 0.0 344.6

