

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017040.D
 Acq On : 18 Jan 2024 15:47
 Operator : SY/MD
 Sample : P1161-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-011724RE

Quant Time: Jan 19 02:29:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	18944	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	31515	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	24553	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	6879	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	6245	33.354	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.700%
35) Dibromofluoromethane	7.752	113	7479	37.241	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.480%
50) Toluene-d8	10.209	98	25935	37.503	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.000%
62) 4-Bromofluorobenzene	12.508	95	5728	24.550	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.100%

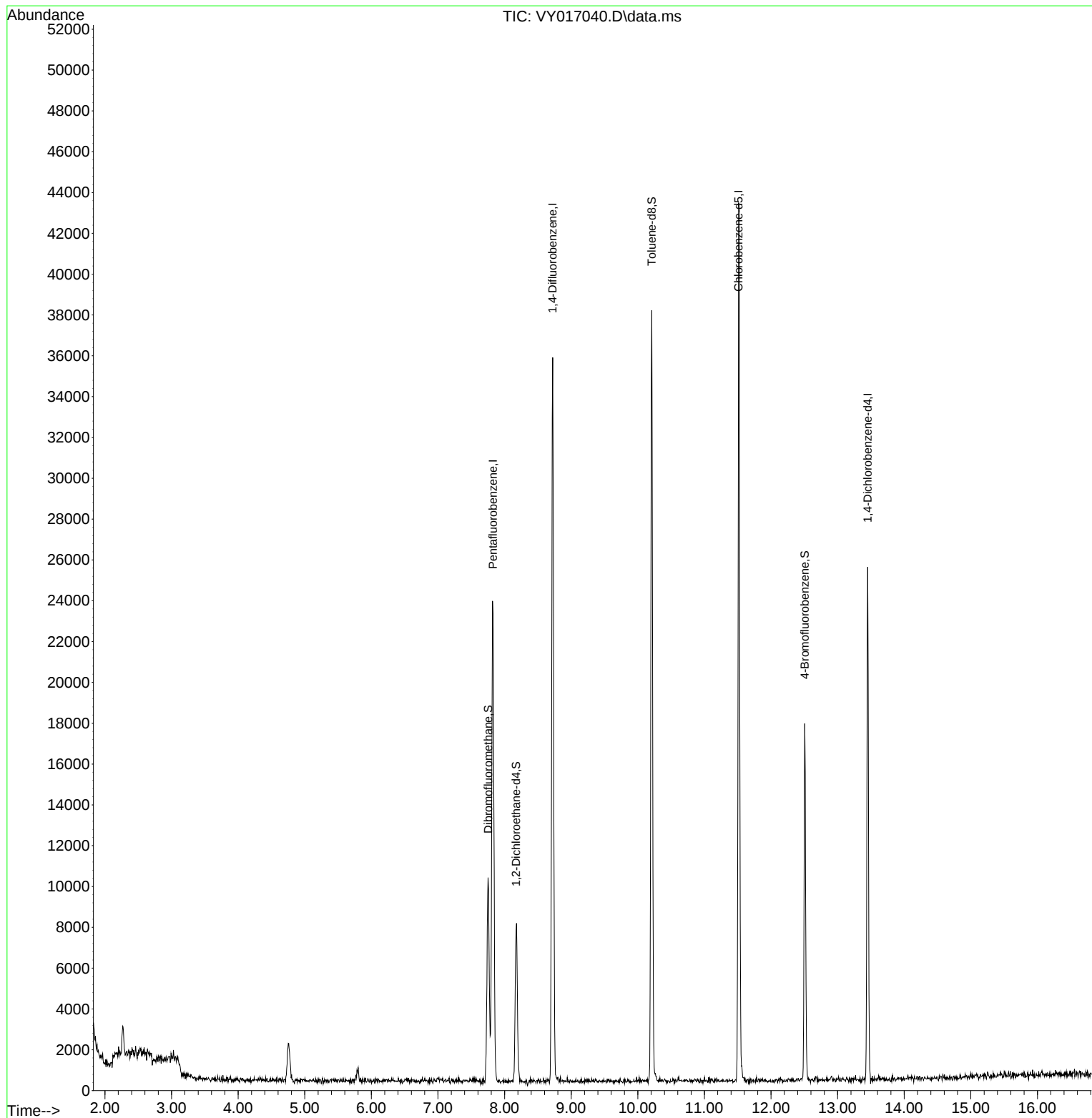
Target Compounds	Qvalue

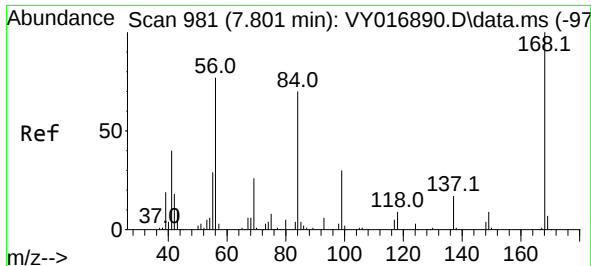
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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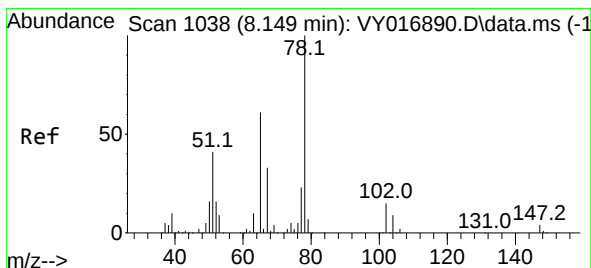
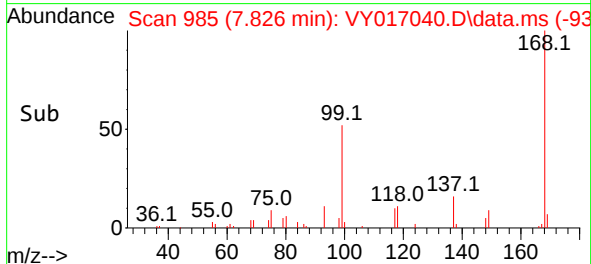
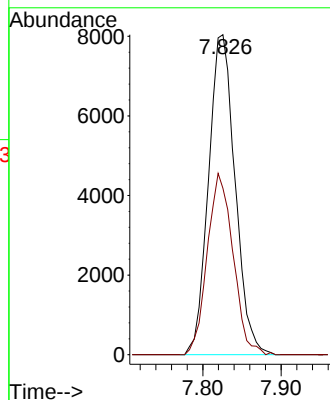
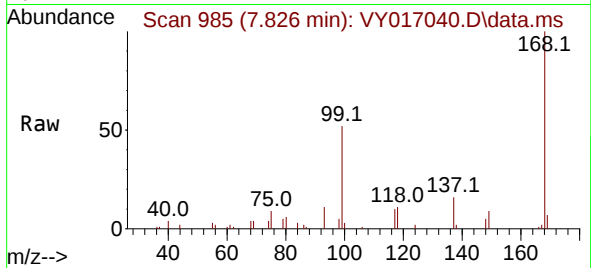




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

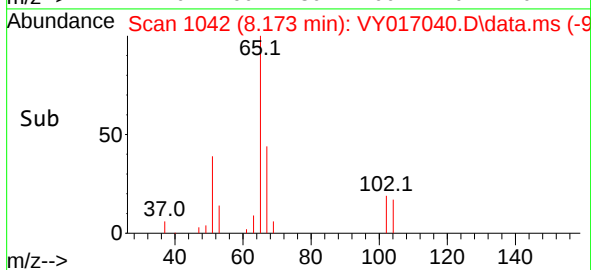
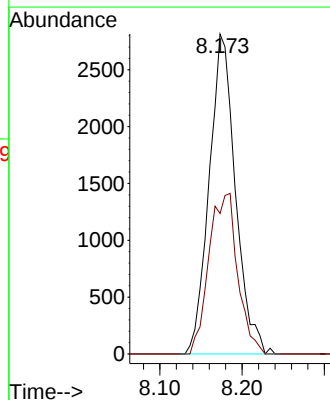
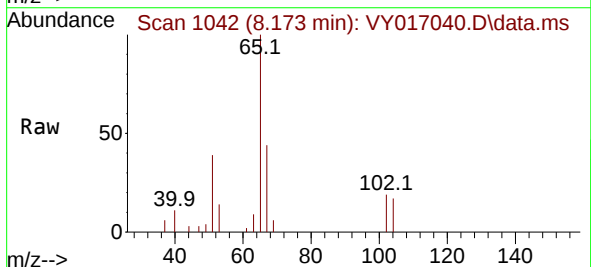
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-011724RE

Tgt Ion:168 Resp: 18944
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 33.354 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion: 65 Resp: 6245
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-011724RE

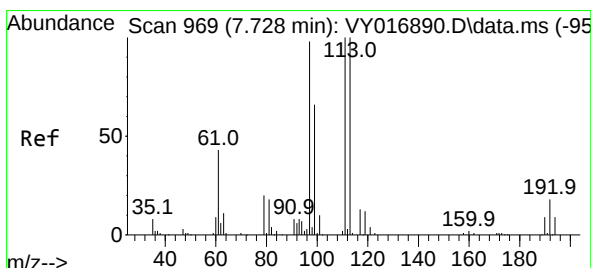
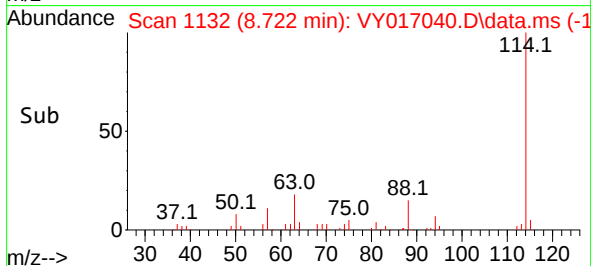
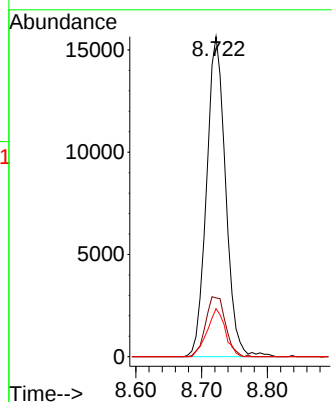
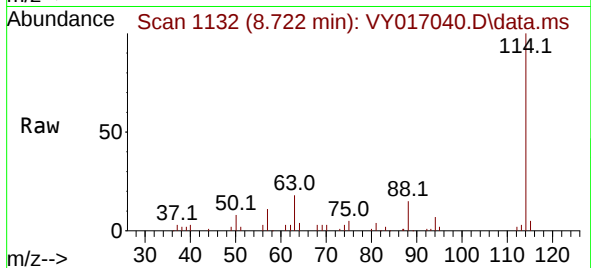
Tgt Ion:114 Resp: 31515

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.241 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

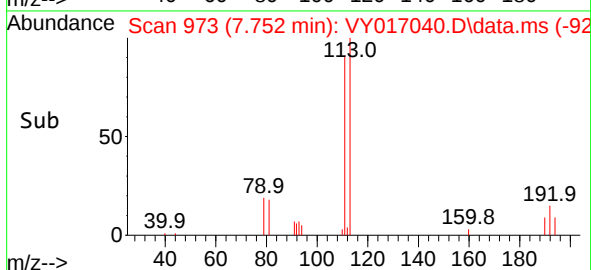
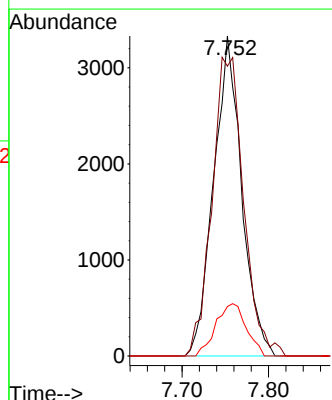
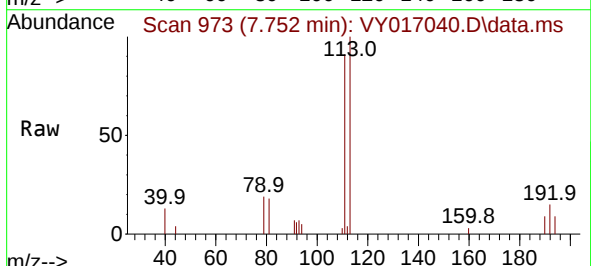
Tgt Ion:113 Resp: 7479

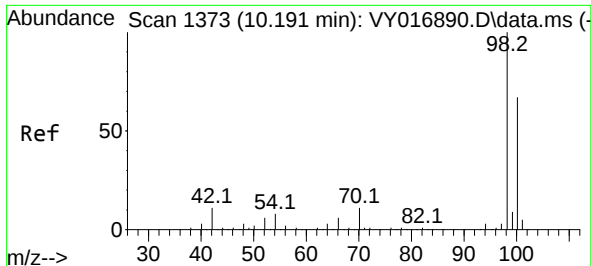
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 17.7 14.5 21.7

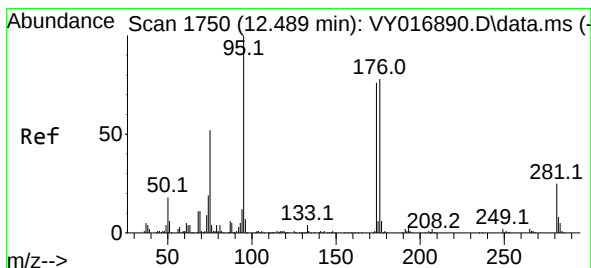
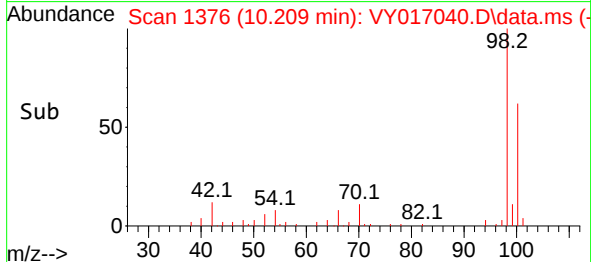
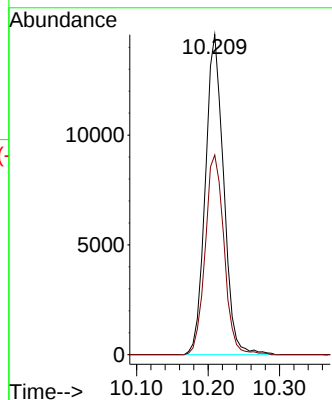
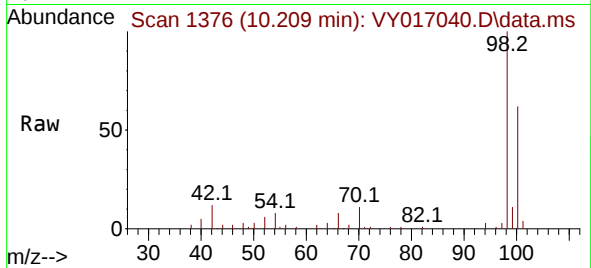




#50
Toluene-d8
Concen: 37.503 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

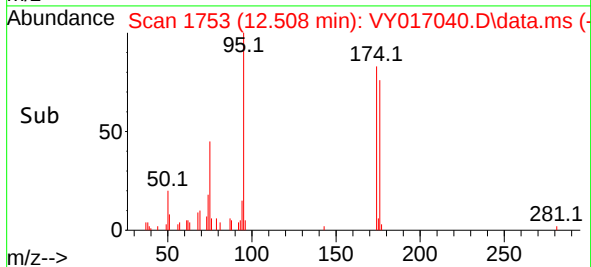
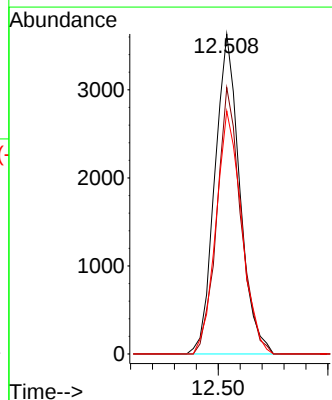
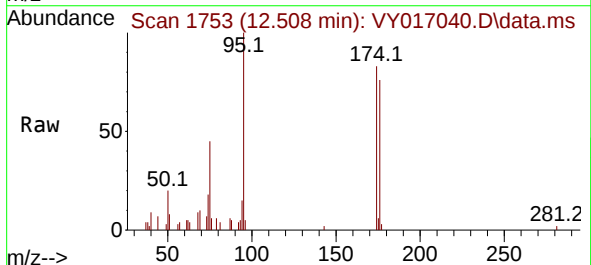
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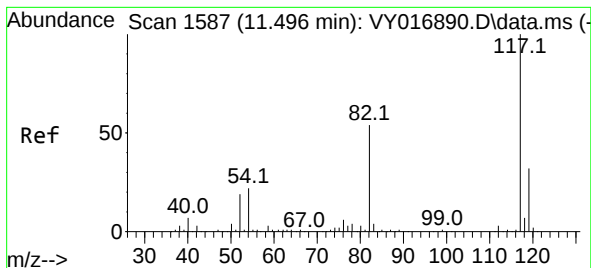
Tgt Ion: 98 Resp: 25935
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.550 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion: 95 Resp: 5728
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 78.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-011724RE

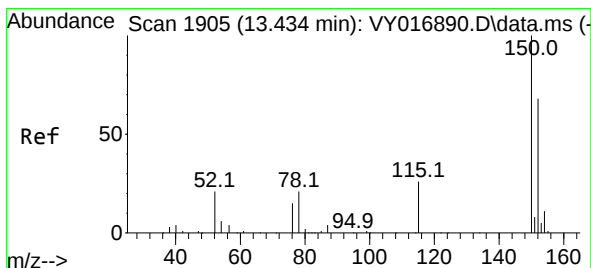
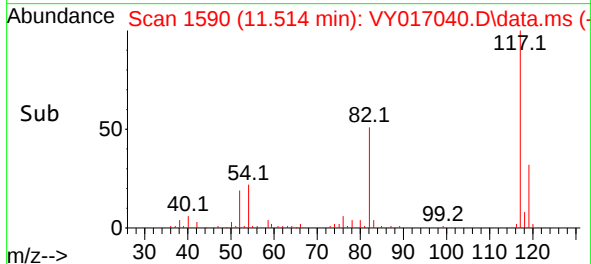
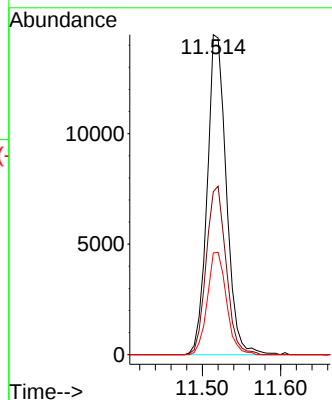
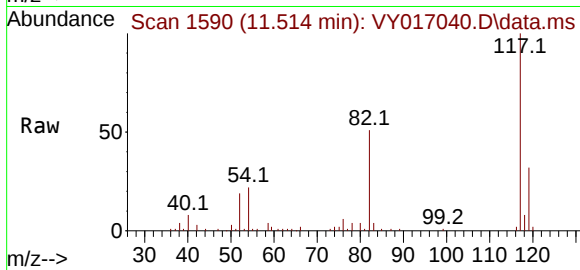
Tgt Ion:117 Resp: 24553

Ion Ratio Lower Upper

117 100

82 51.0 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Tgt Ion:152 Resp: 6879

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

150 149.4 0.0 344.6

