

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017011.D
 Acq On : 17 Jan 2024 15:23
 Operator : SY/MD
 Sample : P1117-12
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2-TOTAL-VOC-GRAB-8

Quant Time: Jan 17 15:29:01 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	7.819	168	3126	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	3738	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	1893	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	427	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1176	38.063	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.120%
35) Dibromofluoromethane	7.740	113	1055	44.291	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.580%
50) Toluene-d8	10.203	98	2965	36.148	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.300%
62) 4-Bromofluorobenzene	12.508	95	665	24.030	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.060%

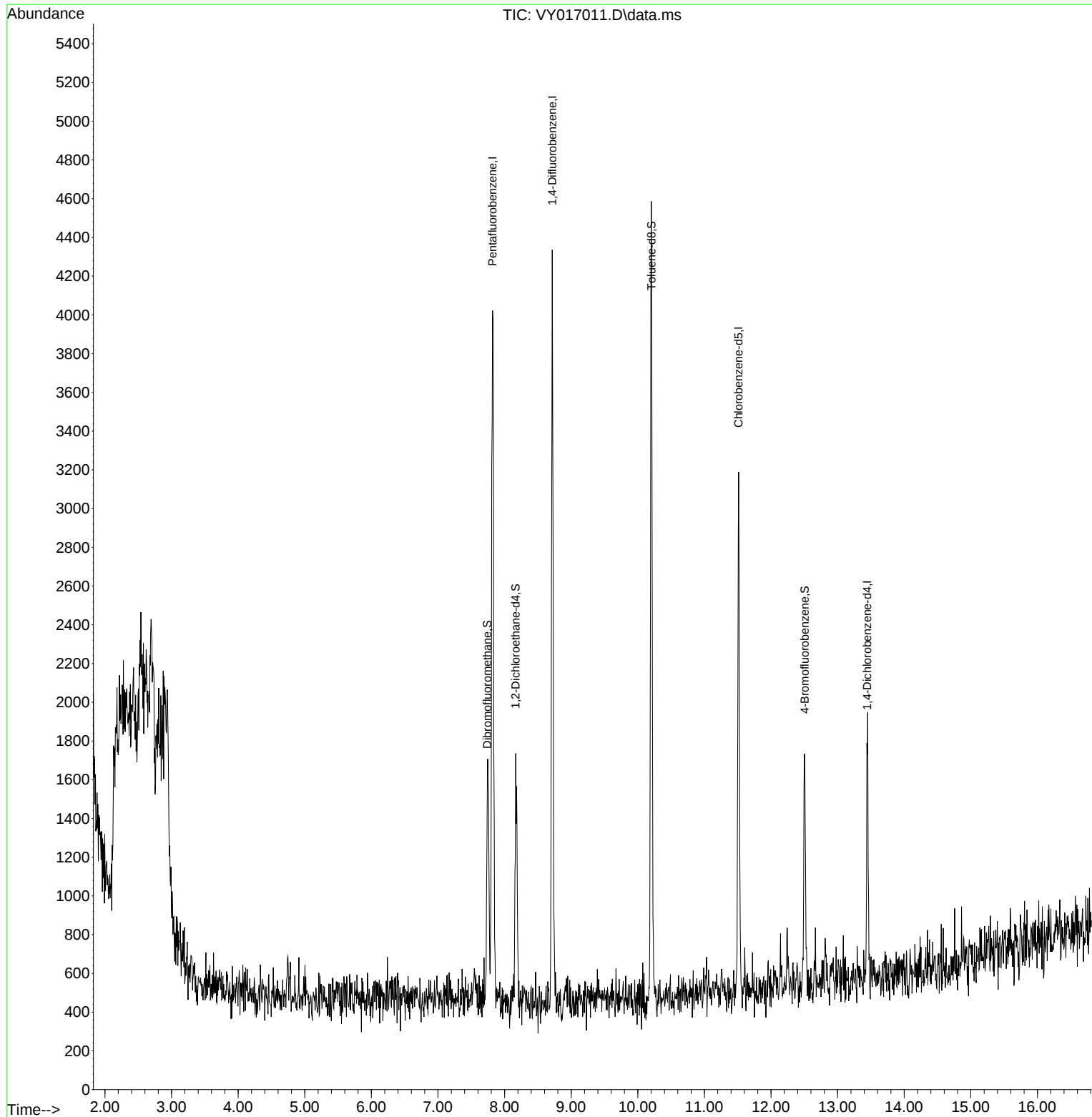
Target Compounds	Qvalue

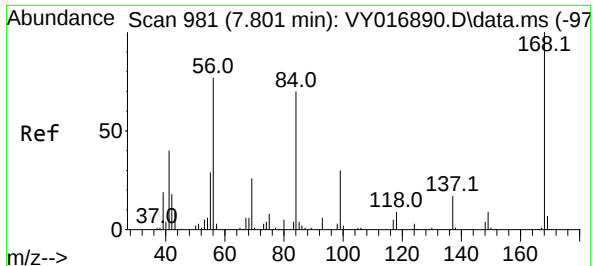
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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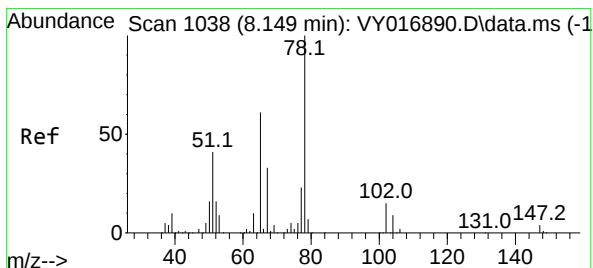
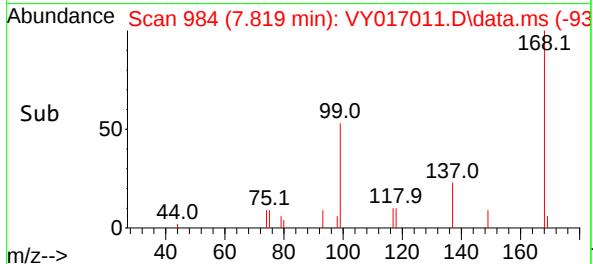
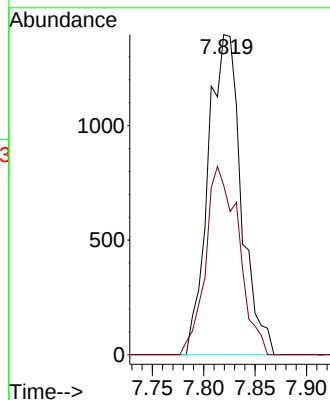
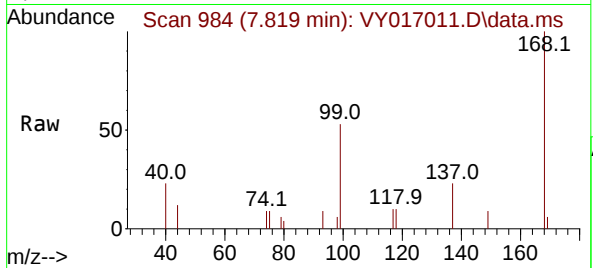




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017011.D
Acq: 17 Jan 2024 15:23

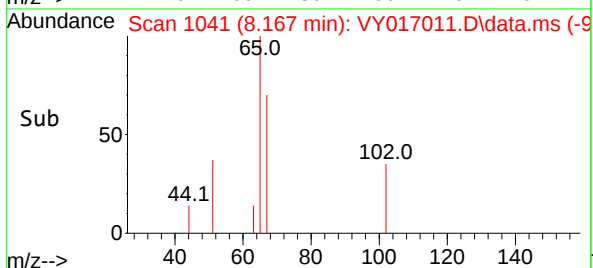
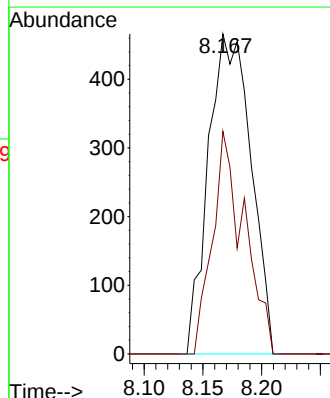
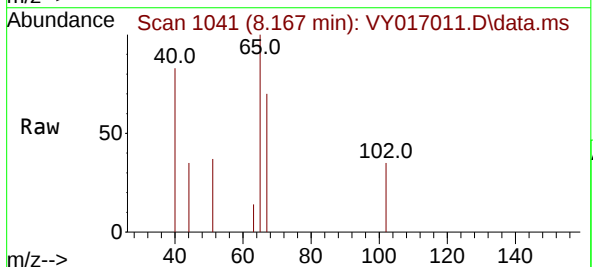
Instrument :
MSVOA_Y
ClientSampleId :
S2-TOTAL-VOC-GRAB-8

Tgt Ion:168 Resp: 3126
Ion Ratio Lower Upper
168 100
99 52.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 38.063 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017011.D
Acq: 17 Jan 2024 15:23

Tgt Ion: 65 Resp: 1176
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017011.D

Acq: 17 Jan 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

S2-TOTAL-VOC-GRAB-8

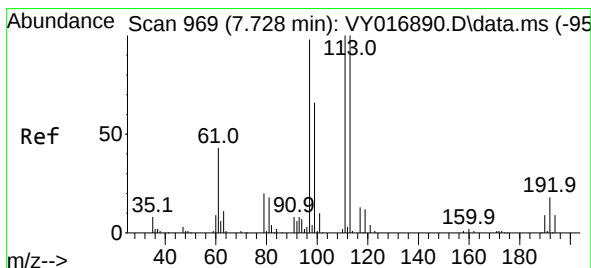
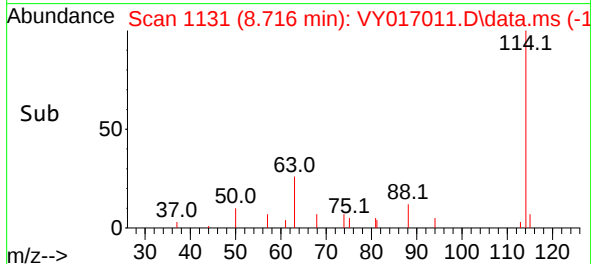
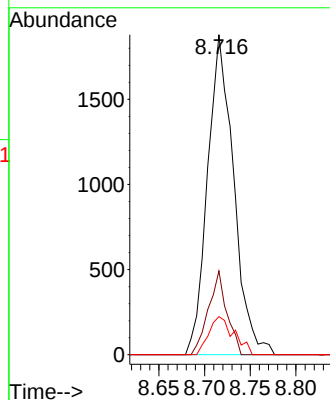
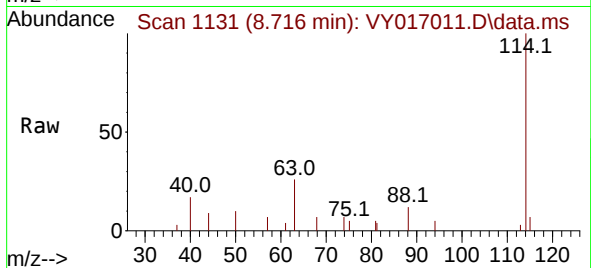
Tgt Ion:114 Resp: 3738

Ion Ratio Lower Upper

114 100

63 26.2 0.0 37.4

88 11.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.291 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017011.D

Acq: 17 Jan 2024 15:23

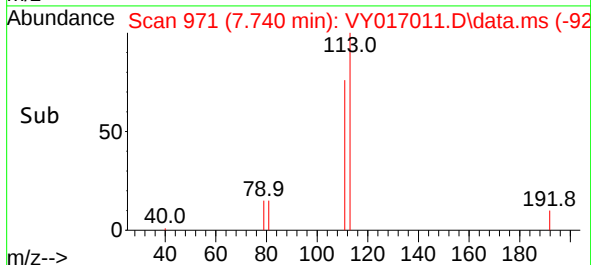
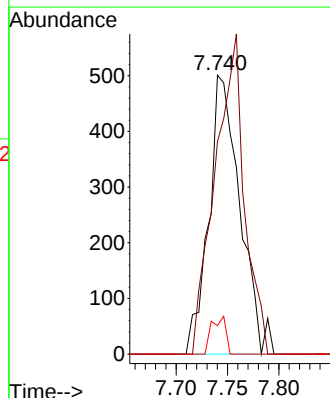
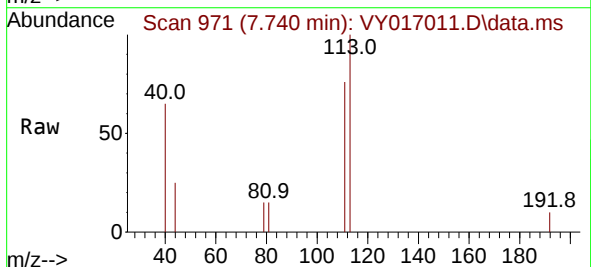
Tgt Ion:113 Resp: 1055

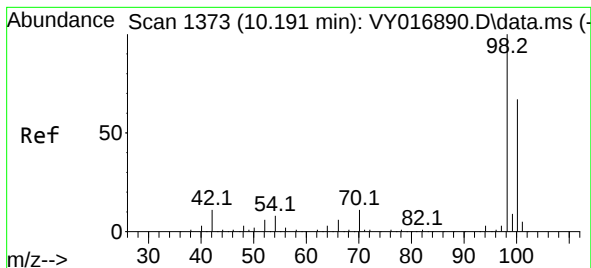
Ion Ratio Lower Upper

113 100

111 108.4 83.8 125.6

192 6.2 14.5 21.7#





#50

Toluene-d8

Concen: 36.148 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017011.D

Acq: 17 Jan 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

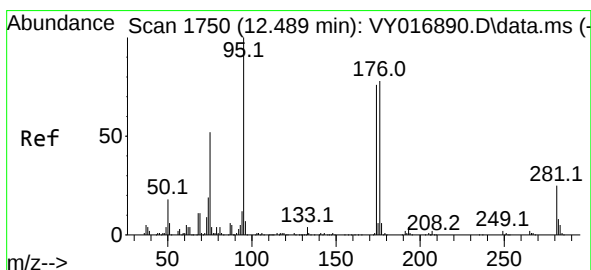
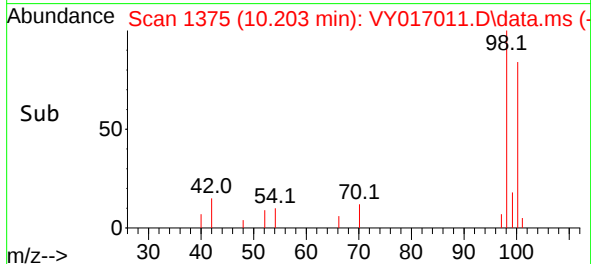
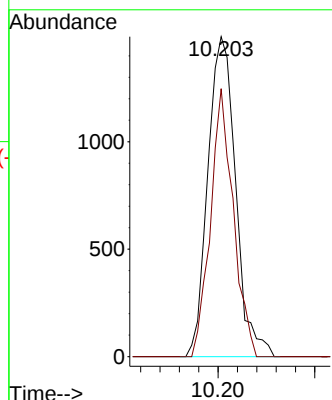
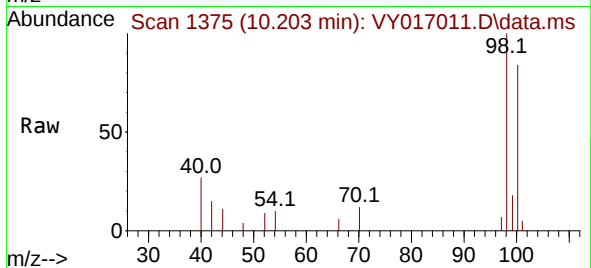
S2-TOTAL-VOC-GRAB-8

Tgt Ion: 98 Resp: 2965

Ion Ratio Lower Upper

98 100

100 68.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 24.030 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017011.D

Acq: 17 Jan 2024 15:23

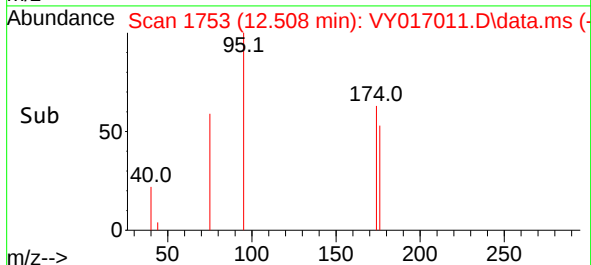
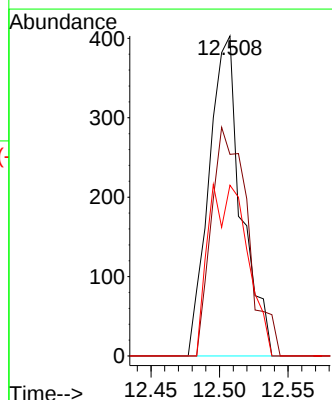
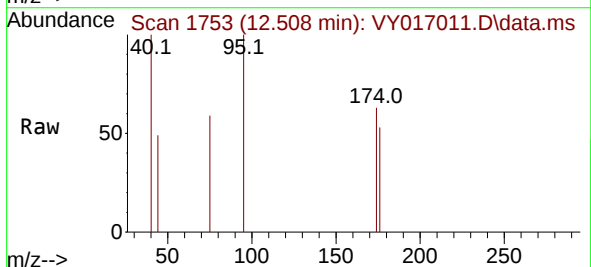
Tgt Ion: 95 Resp: 665

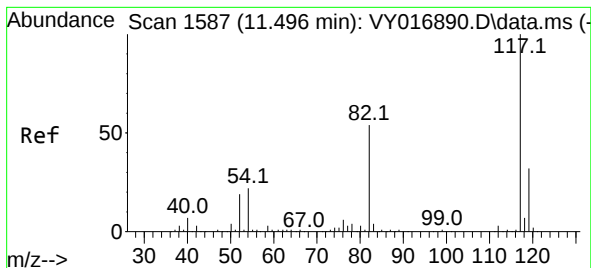
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 65.0 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: VY017011.D

Acq: 17 Jan 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

S2-TOTAL-VOC-GRAB-8

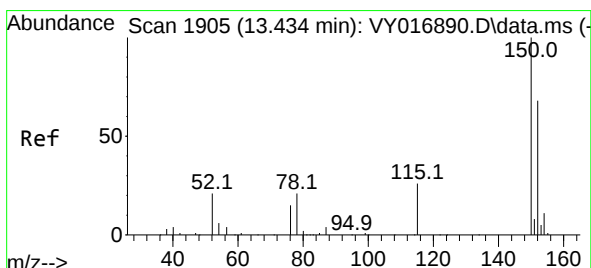
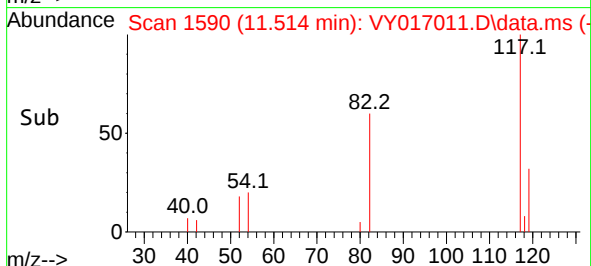
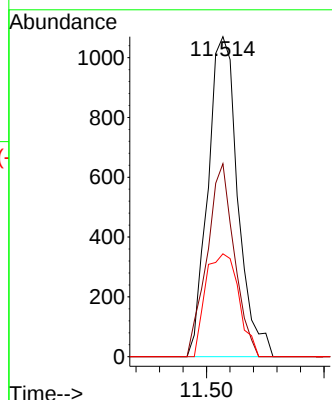
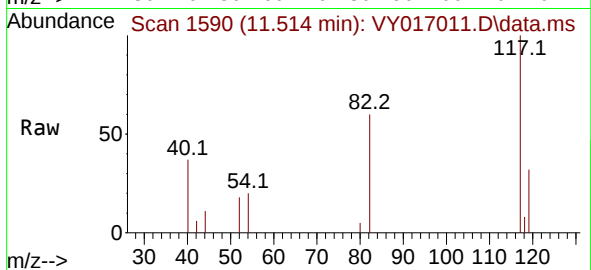
Tgt Ion:117 Resp: 1893

Ion Ratio Lower Upper

117 100

82 60.3 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017011.D

Acq: 17 Jan 2024 15:23

Tgt Ion:152 Resp: 427

Ion Ratio Lower Upper

152 100

115 46.4 30.0 90.0

150 179.4 0.0 344.6

