

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017502.D
 Acq On : 27 Feb 2024 17:27
 Operator : SY/MD
 Sample : P1564-11
 Misc : 3.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-14

Quant Time: Feb 28 00:19:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66626	61.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.020%
35) Dibromofluoromethane	7.716	113	72382	49.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.179	98	240841	46.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.483	95	68865	42.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%

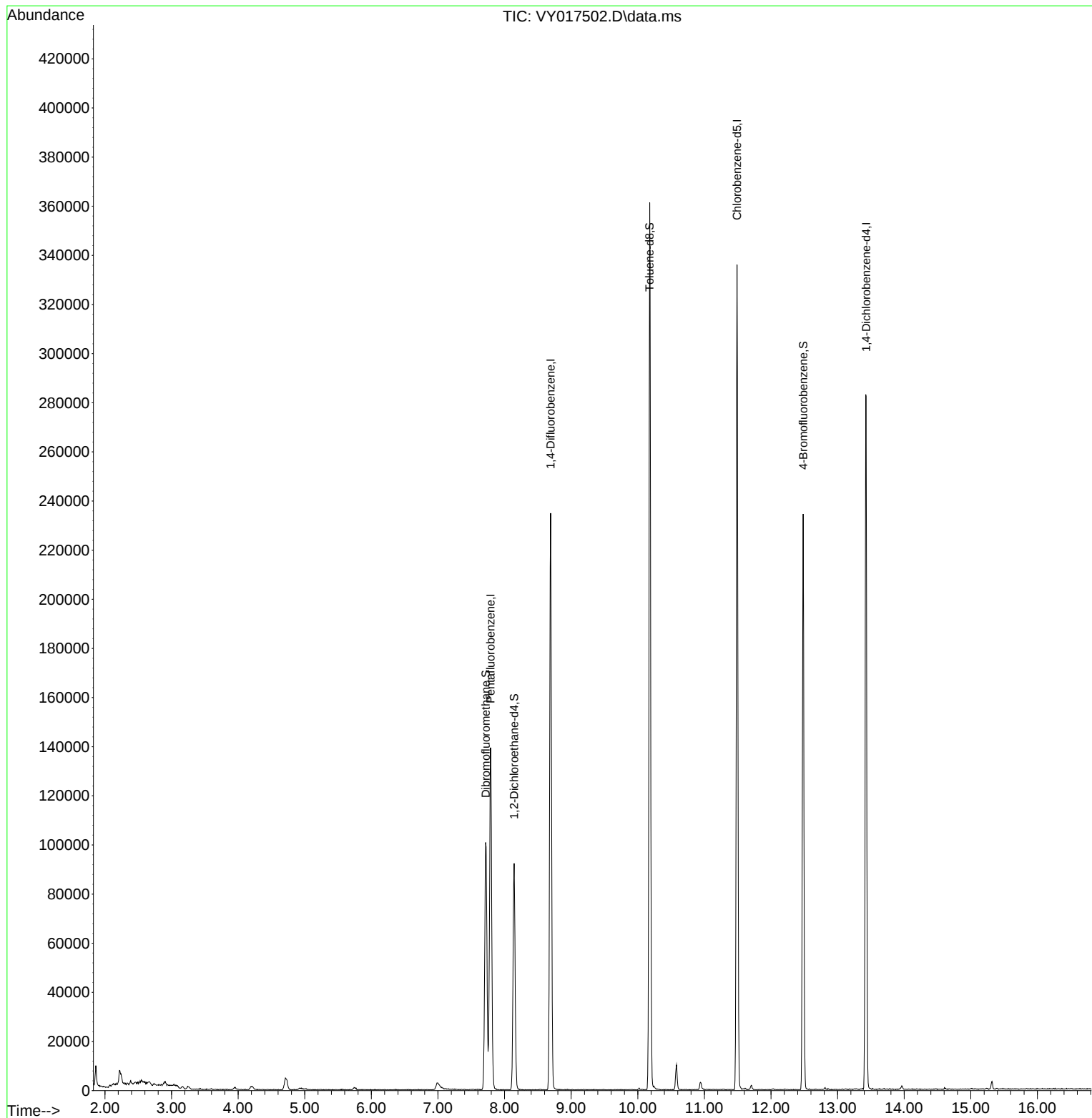
Target Compounds	Qvalue

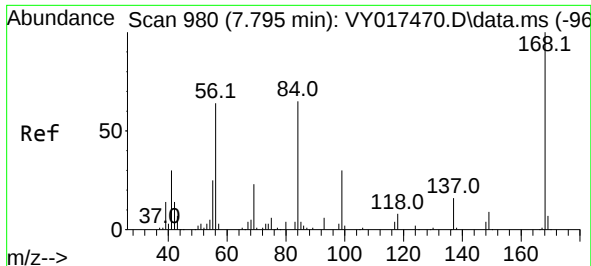
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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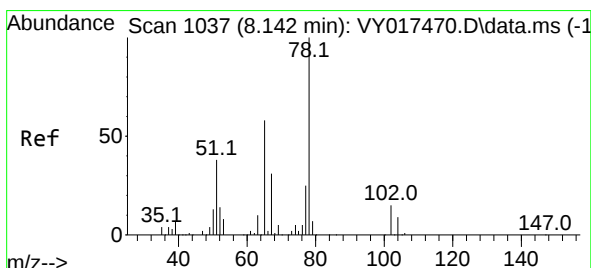
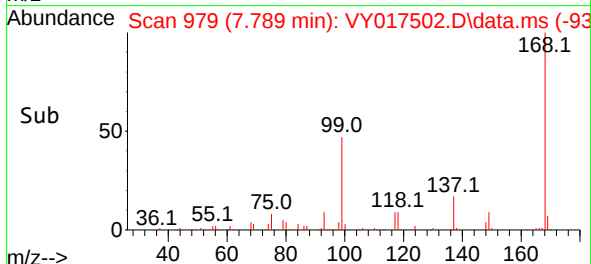
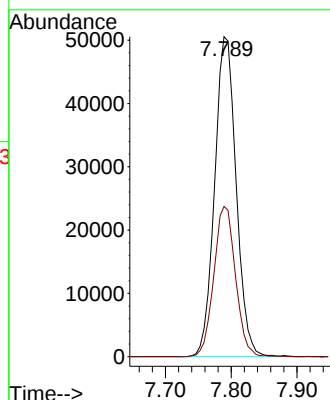
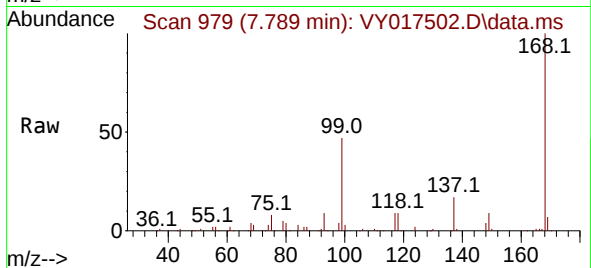




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017502.D
Acq: 27 Feb 2024 17:27

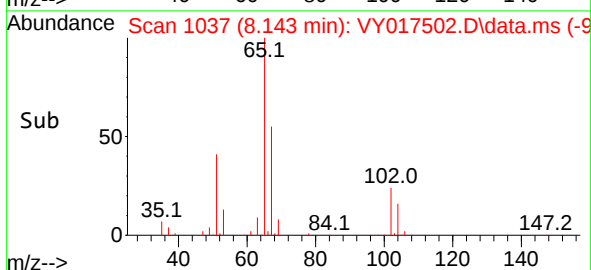
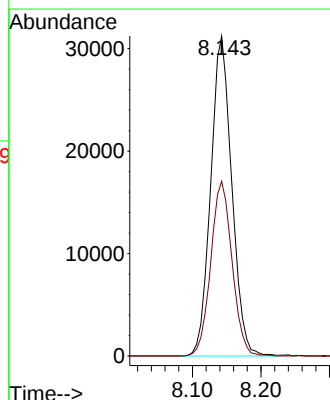
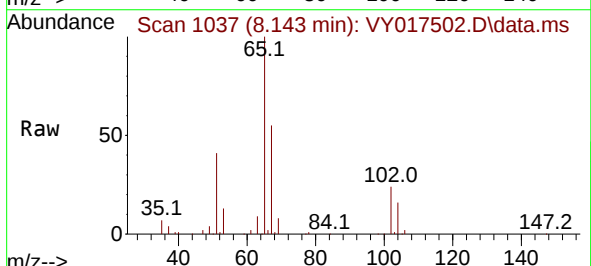
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

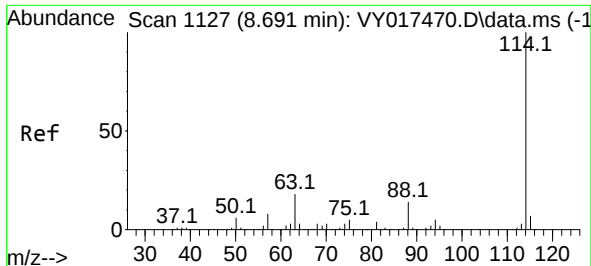
Tgt Ion:168 Resp: 115235
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.006 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017502.D
Acq: 27 Feb 2024 17:27

Tgt Ion: 65 Resp: 66626
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017502.D

Acq: 27 Feb 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14

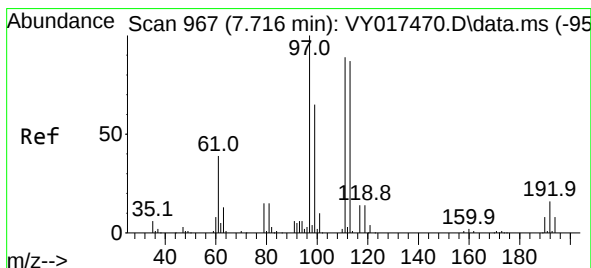
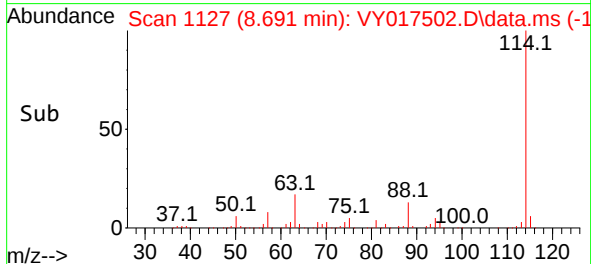
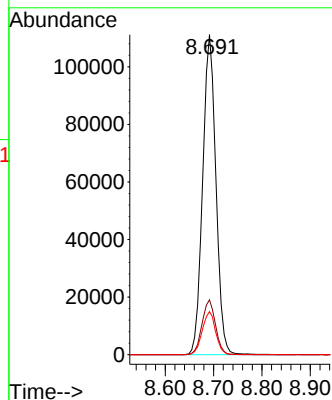
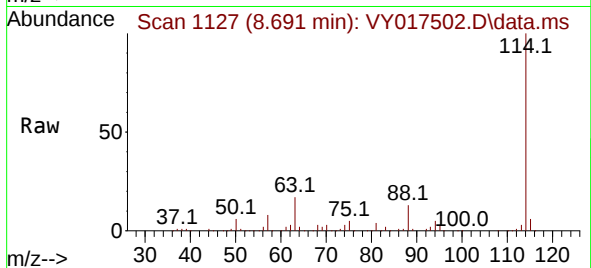
Tgt Ion:114 Resp: 211618

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.085 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017502.D

Acq: 27 Feb 2024 17:27

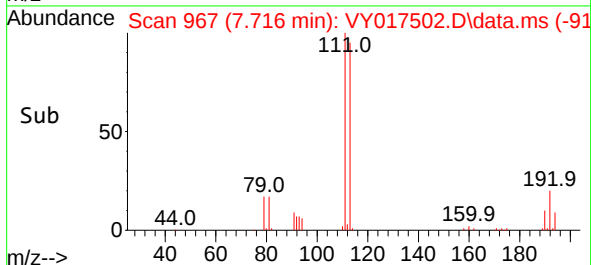
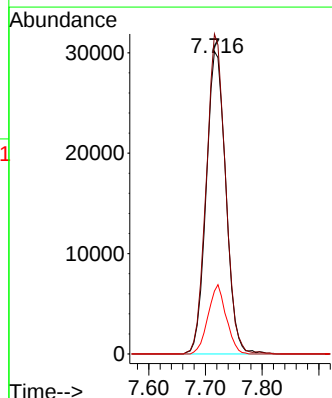
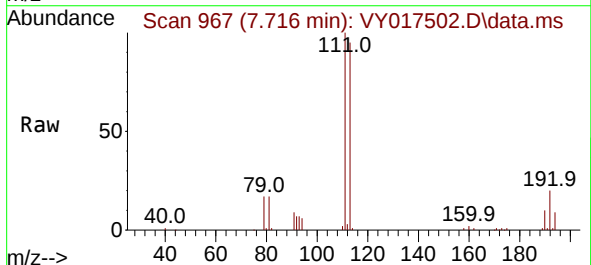
Tgt Ion:113 Resp: 72382

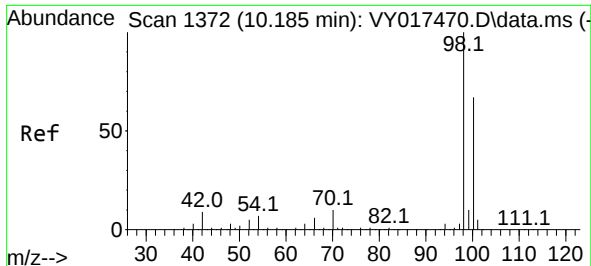
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 21.2 15.9 23.9

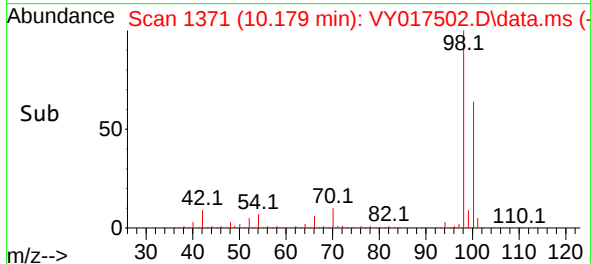
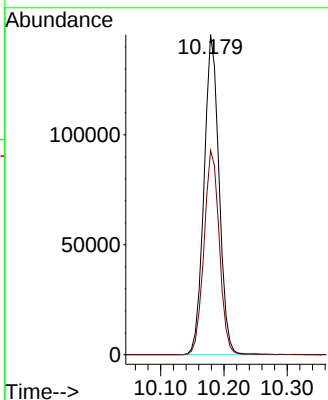
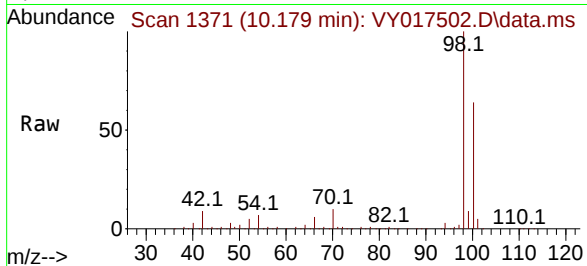




#50
Toluene-d8
Concen: 46.712 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017502.D
Acq: 27 Feb 2024 17:27

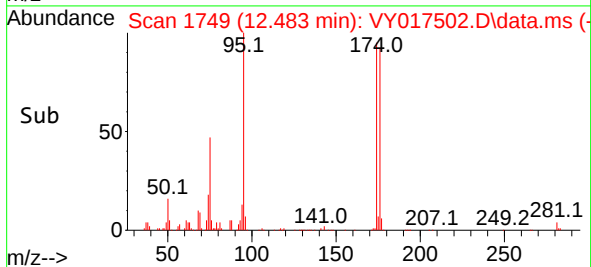
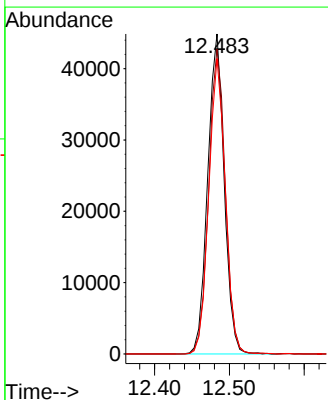
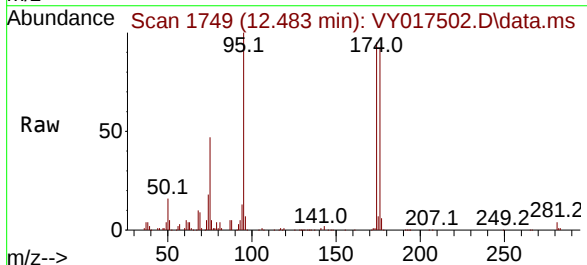
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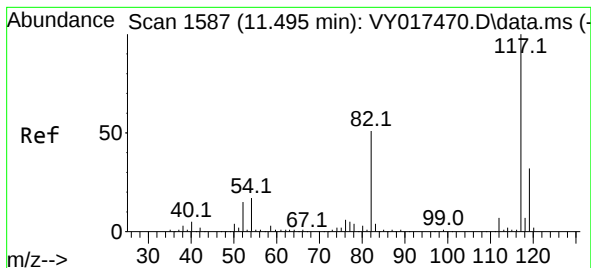
Tgt Ion: 98 Resp: 240841
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017502.D
Acq: 27 Feb 2024 17:27

Tgt Ion: 95 Resp: 68865
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017502.D

Acq: 27 Feb 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14

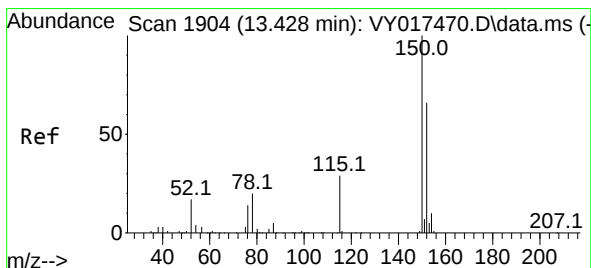
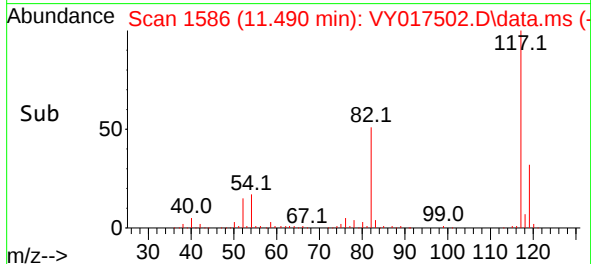
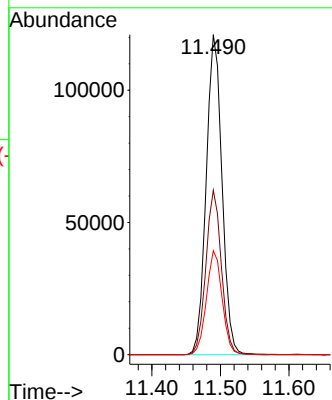
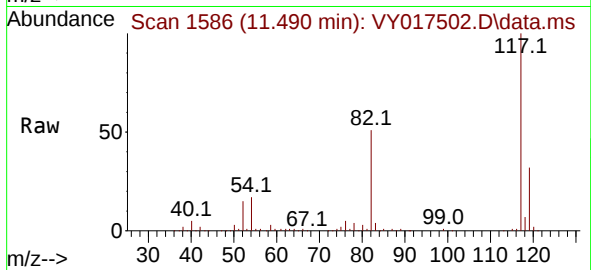
Tgt Ion:117 Resp: 194284

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017502.D

Acq: 27 Feb 2024 17:27

Tgt Ion:152 Resp: 79990

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 155.0 0.0 345.6

