

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017505.D
 Acq On : 27 Feb 2024 18:36
 Operator : SY/MD
 Sample : P1564-03
 Misc : 3.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-10

Quant Time: Feb 28 00:20:42 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	7.795	168	100117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	171658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57181	60.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.722	113	62588	47.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.185	98	204504	44.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.483	95	58690	40.758	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.520%

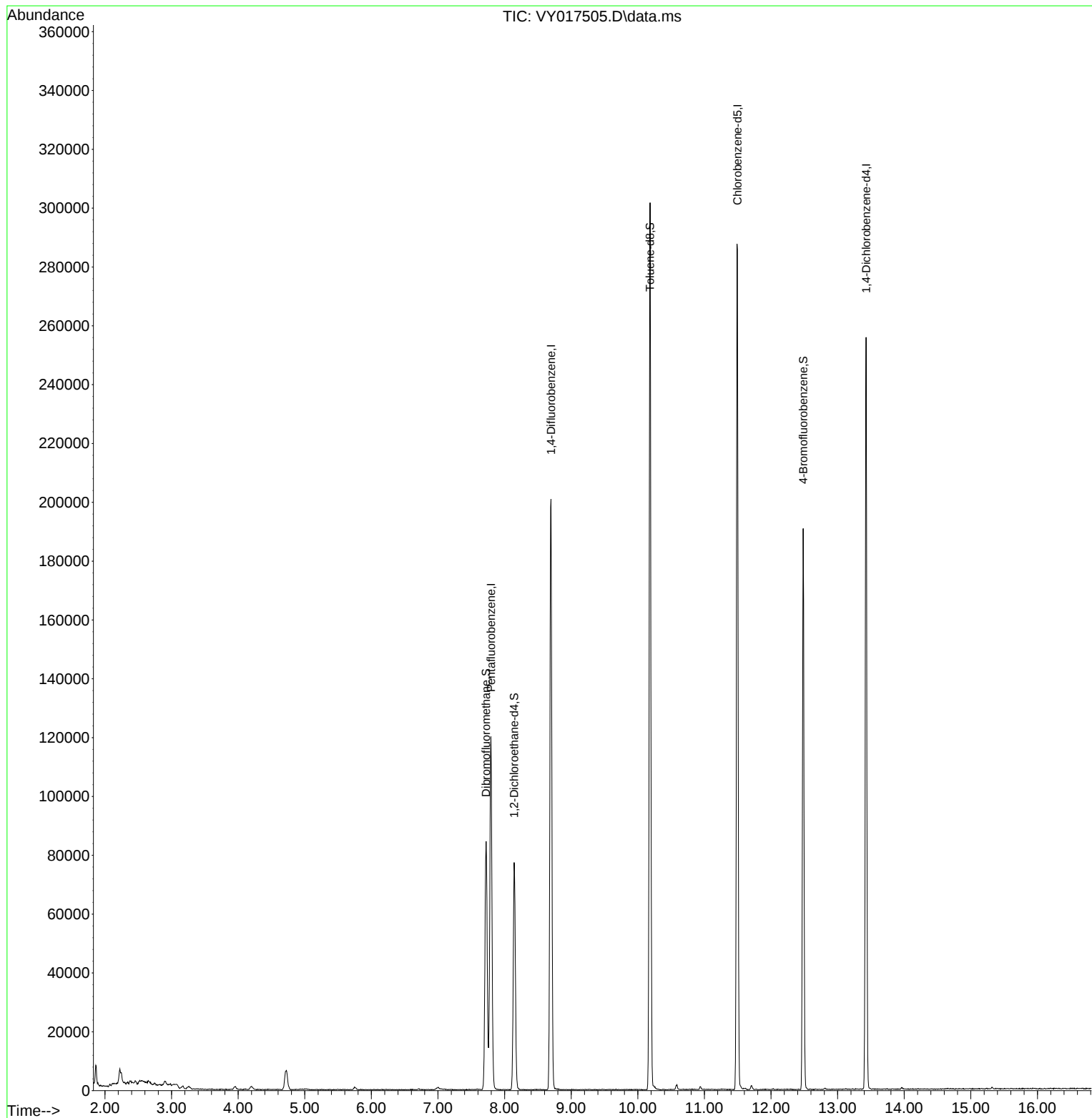
Target Compounds	Qvalue

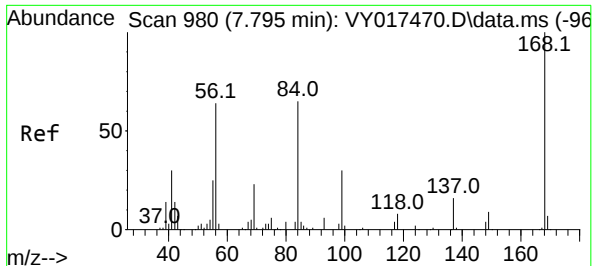
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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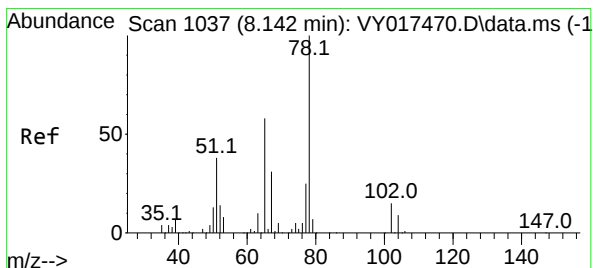
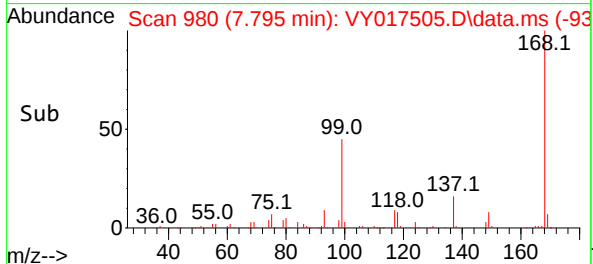
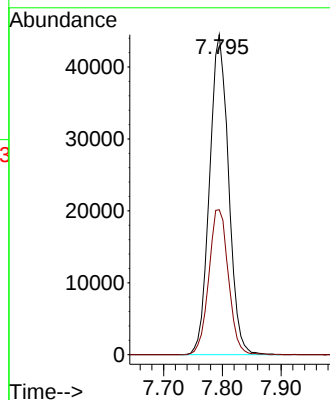
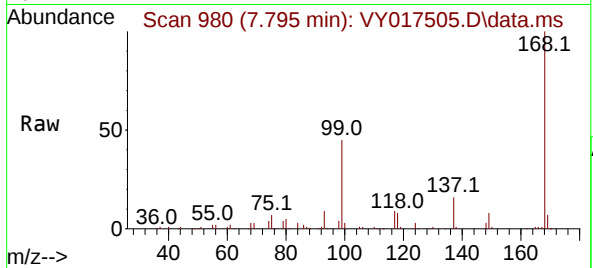




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017505.D
Acq: 27 Feb 2024 18:36

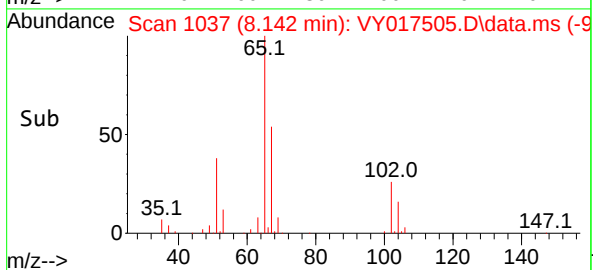
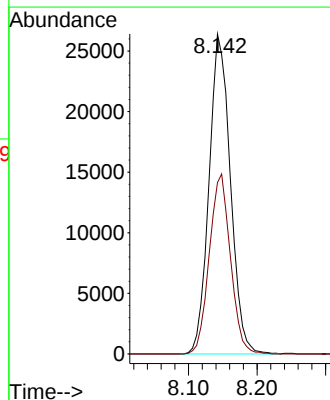
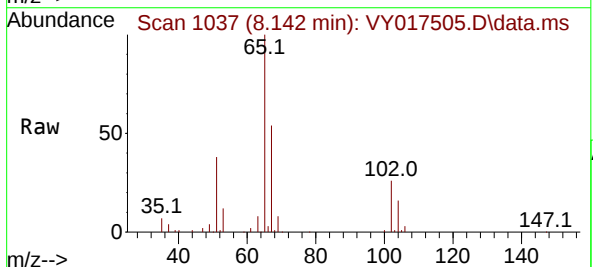
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-10

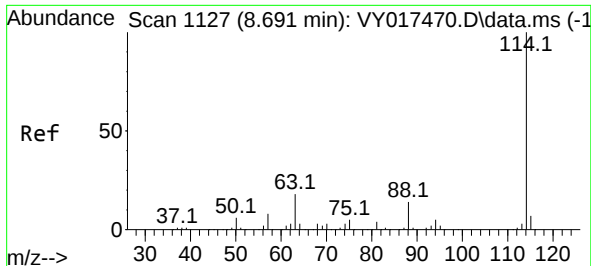
Tgt Ion:168 Resp: 100117
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.264 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017505.D
Acq: 27 Feb 2024 18:36

Tgt Ion: 65 Resp: 57181
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017505.D

Acq: 27 Feb 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-10

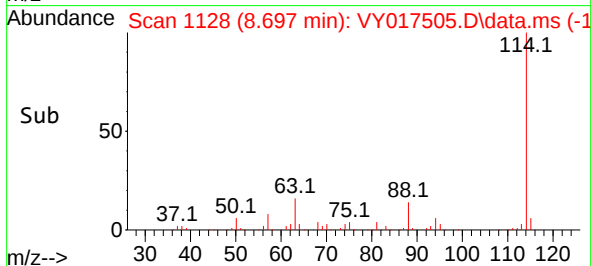
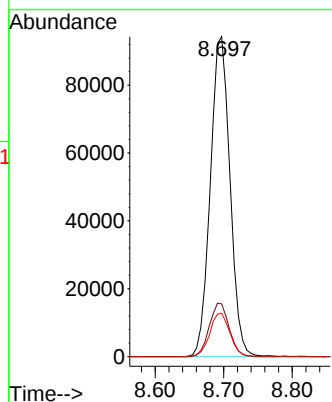
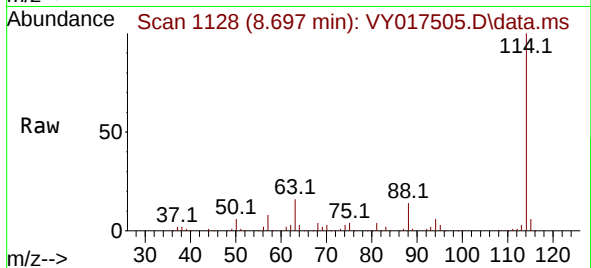
Tgt Ion:114 Resp: 188059

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.761 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017505.D

Acq: 27 Feb 2024 18:36

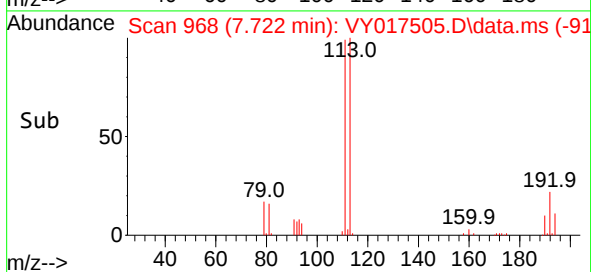
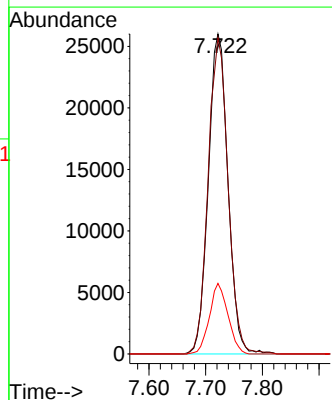
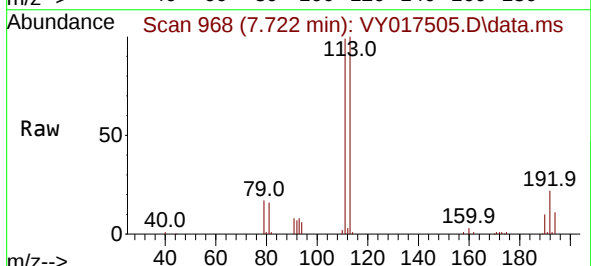
Tgt Ion:113 Resp: 62588

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 20.8 15.9 23.9

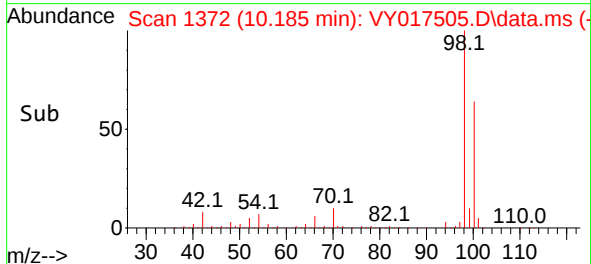
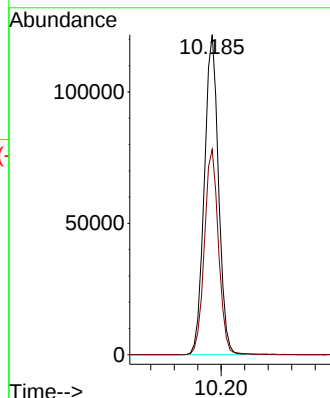
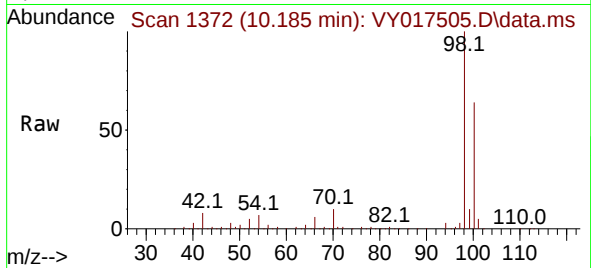




#50
Toluene-d8
Concen: 44.634 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017505.D
Acq: 27 Feb 2024 18:36

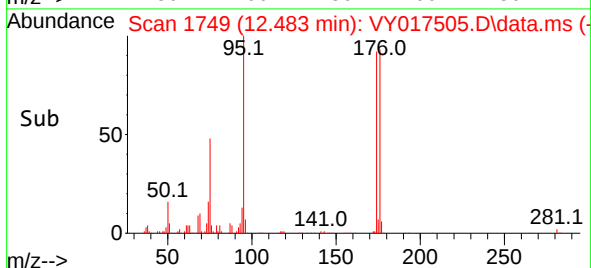
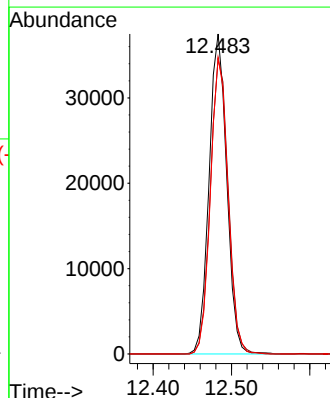
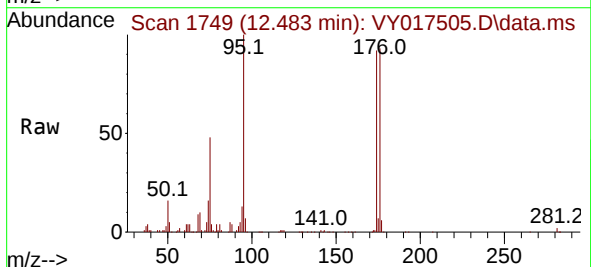
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-10

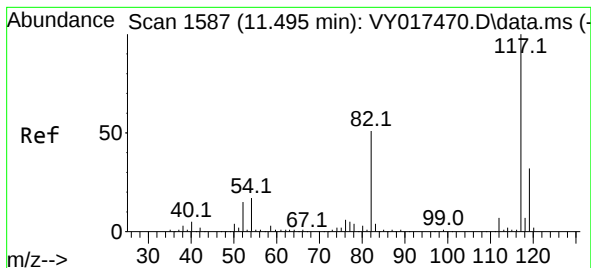
Tgt Ion: 98 Resp: 204504
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.758 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017505.D
Acq: 27 Feb 2024 18:36

Tgt Ion: 95 Resp: 58690
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 91.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017505.D

Acq: 27 Feb 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-10

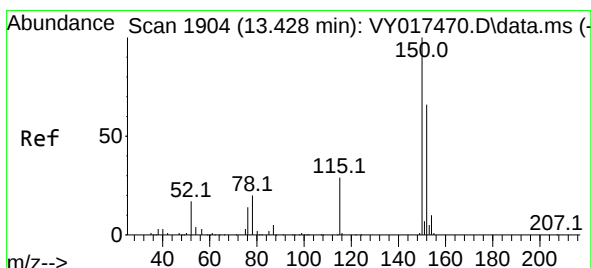
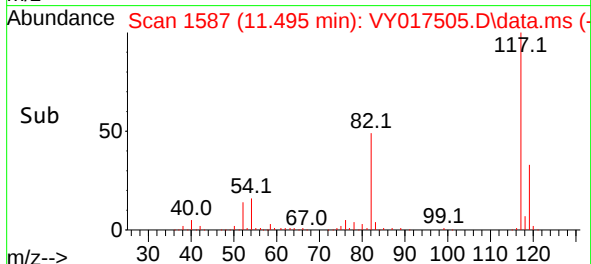
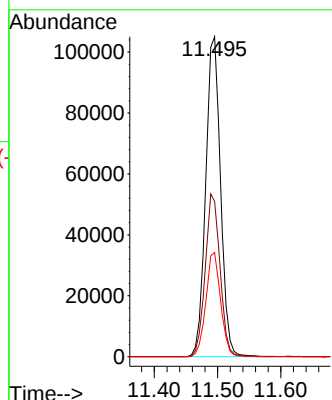
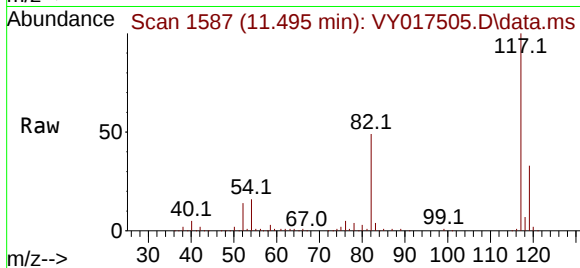
Tgt Ion:117 Resp: 171658

Ion Ratio Lower Upper

117 100

82 48.5 42.4 63.6

119 32.6 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: VY017505.D

Acq: 27 Feb 2024 18:36

Tgt Ion:152 Resp: 71195

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 156.8 0.0 345.6

