

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017568.D
 Acq On : 05 Mar 2024 13:55
 Operator : SY/MD
 Sample : P1674-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2B

Quant Time: Mar 05 22:04:07 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	72128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	118861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	101253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	36388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	33401	48.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.721	113	40158	48.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.184	98	135558	46.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.489	95	32821	36.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.120%

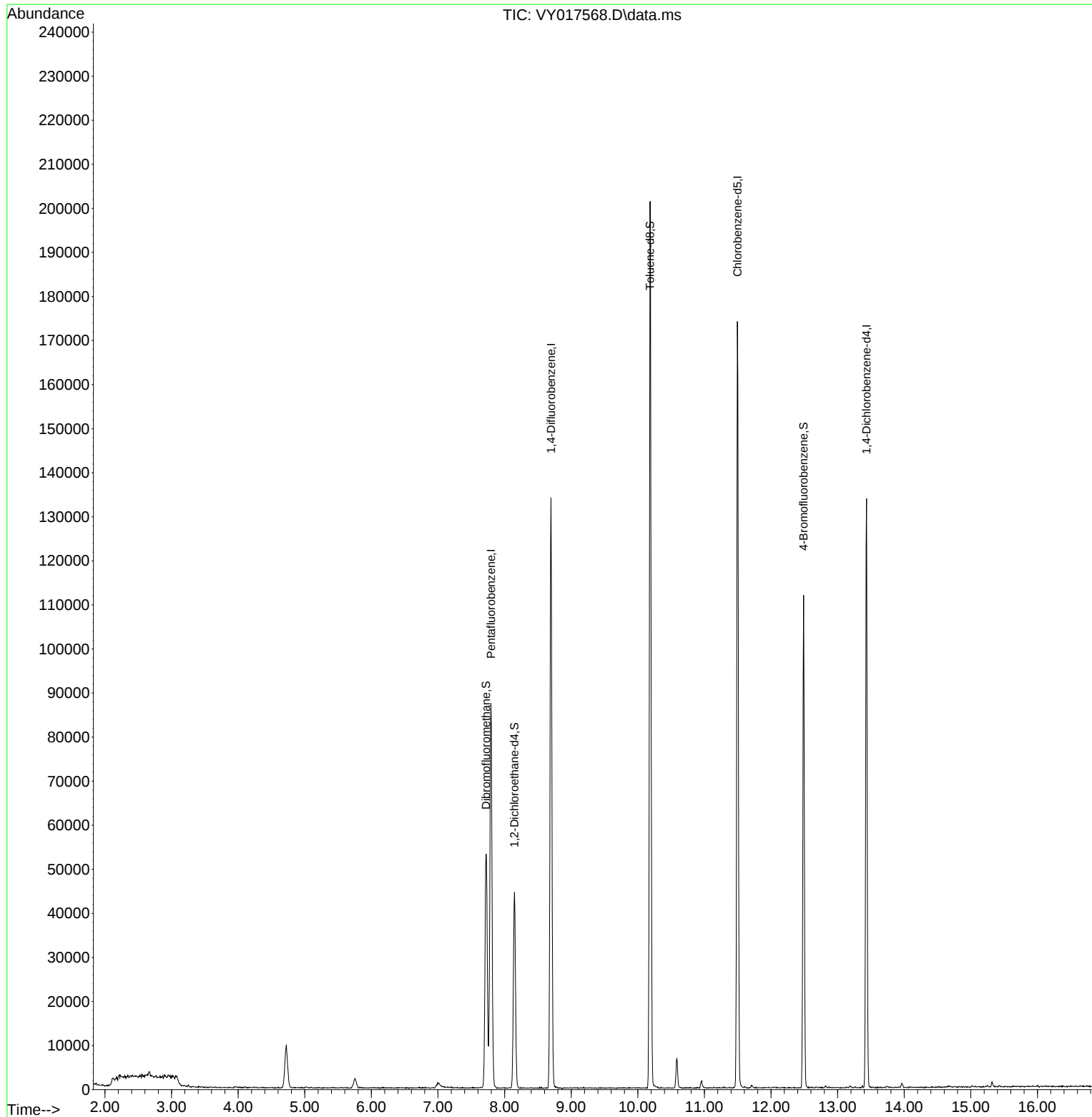
Target Compounds	Qvalue

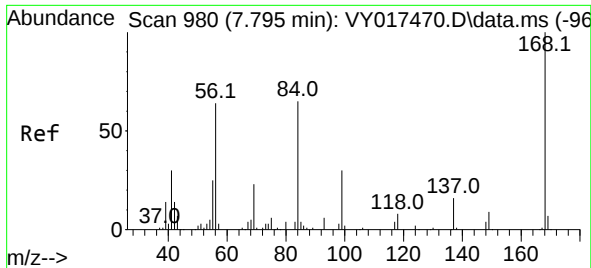
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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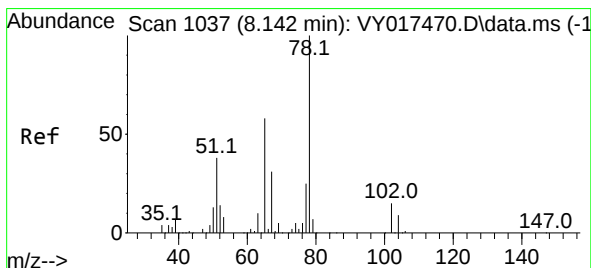
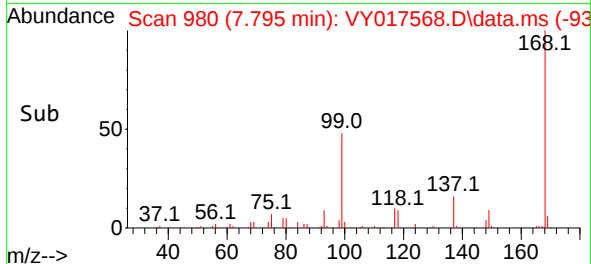
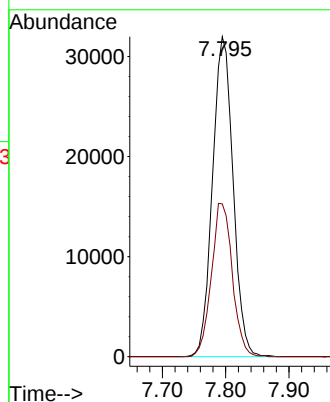
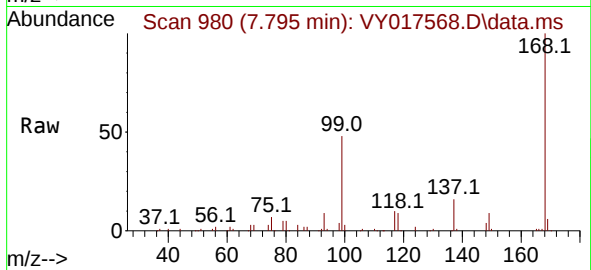




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

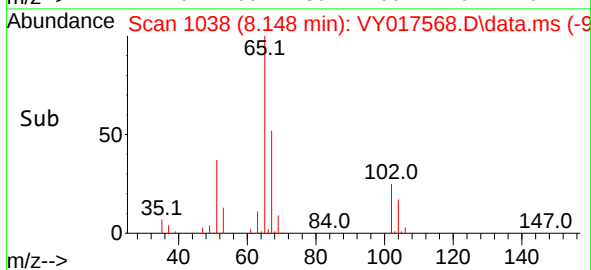
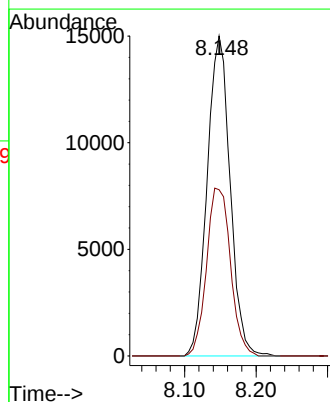
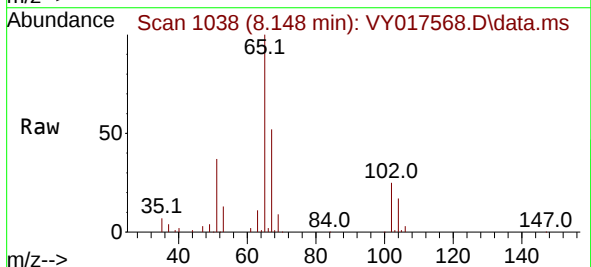
Instrument :
MSVOA_Y
ClientSampleId :
2B

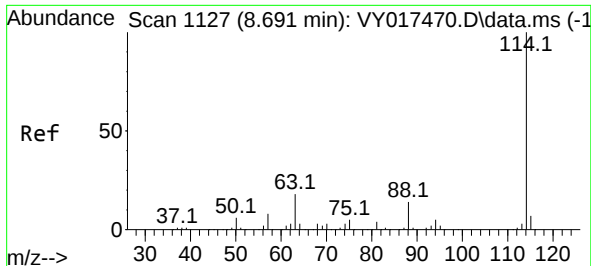
Tgt Ion:168 Resp: 72128
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.862 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Tgt Ion: 65 Resp: 33401
Ion Ratio Lower Upper
65 100
67 54.8 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: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

2B

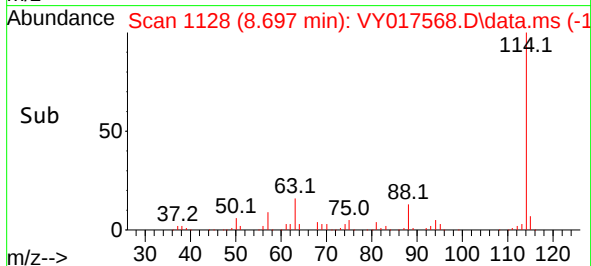
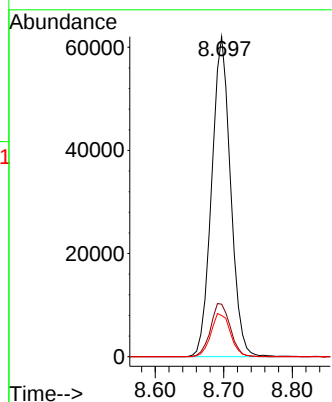
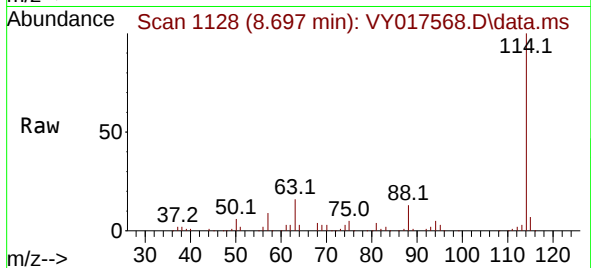
Tgt Ion:114 Resp: 118861

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.485 ug/l

RT: 7.721 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

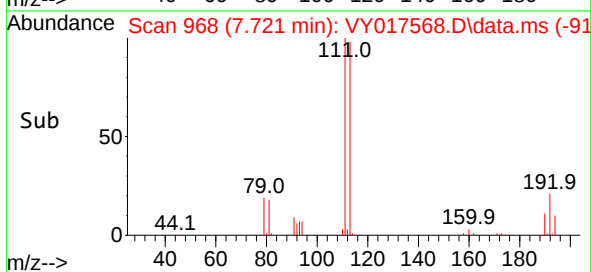
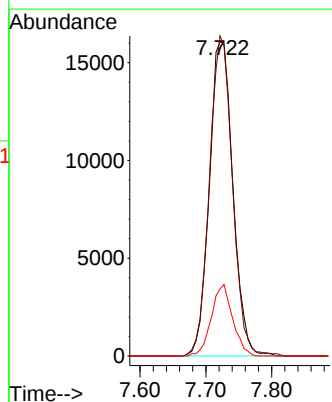
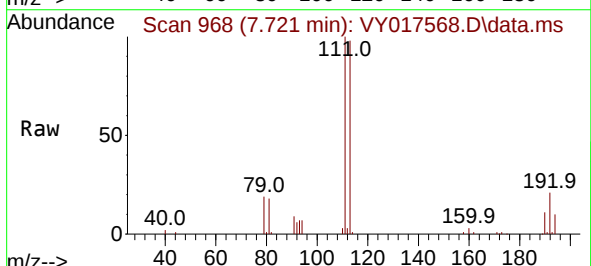
Tgt Ion:113 Resp: 40158

Ion Ratio Lower Upper

113 100

111 99.3 82.2 123.4

192 20.5 15.9 23.9

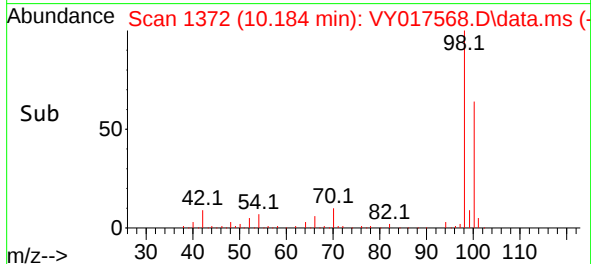
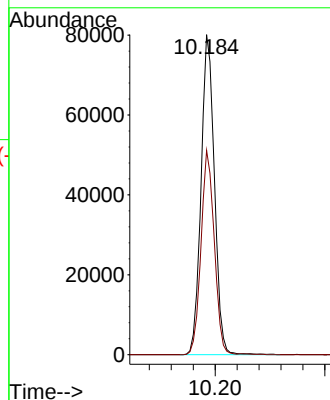
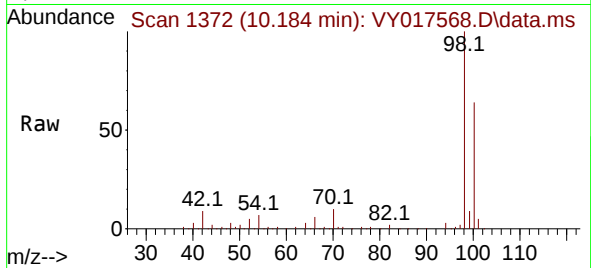




#50
Toluene-d8
Concen: 46.810 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

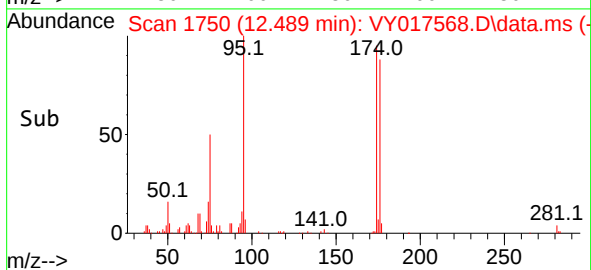
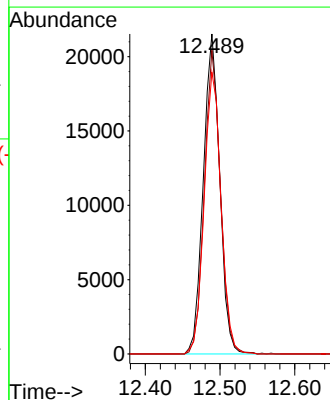
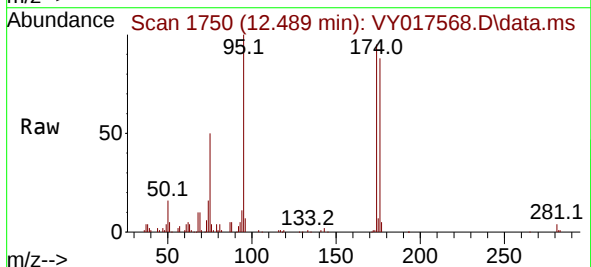
Instrument :
MSVOA_Y
ClientSampleId :
2B

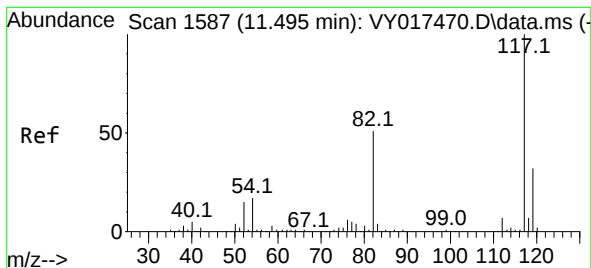
Tgt Ion: 98 Resp: 135558
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.063 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017568.D
Acq: 05 Mar 2024 13:55

Tgt Ion: 95 Resp: 32821
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 90.6 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: VY017568.D

Acq: 05 Mar 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

2B

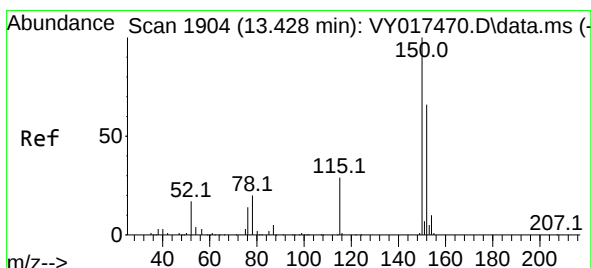
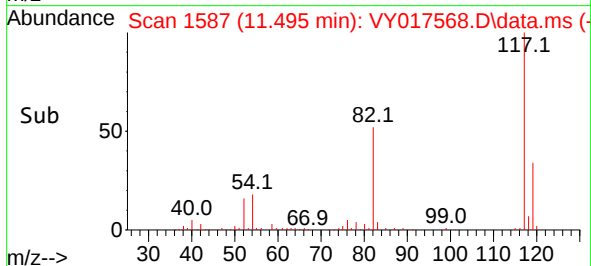
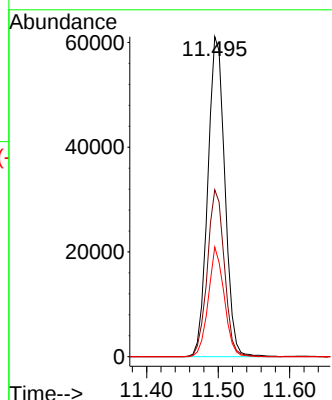
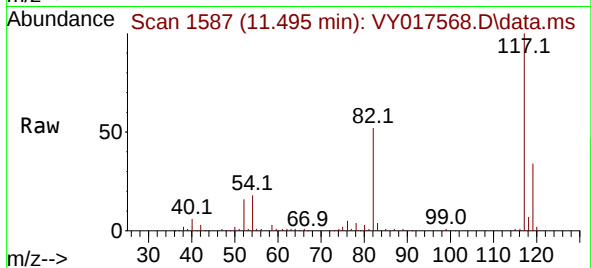
Tgt Ion:117 Resp: 101253

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 34.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017568.D

Acq: 05 Mar 2024 13:55

Tgt Ion:152 Resp: 36388

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 157.0 0.0 345.6

