

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017608.D
 Acq On : 07 Mar 2024 17:32
 Operator : SY/MD
 Sample : P1701-09
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-6-GRAB

Quant Time: Mar 08 03:27:59 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	107573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58893	57.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.540%
35) Dibromofluoromethane	7.716	113	65146	47.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.185	98	226719	47.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.483	95	63656	42.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.360%

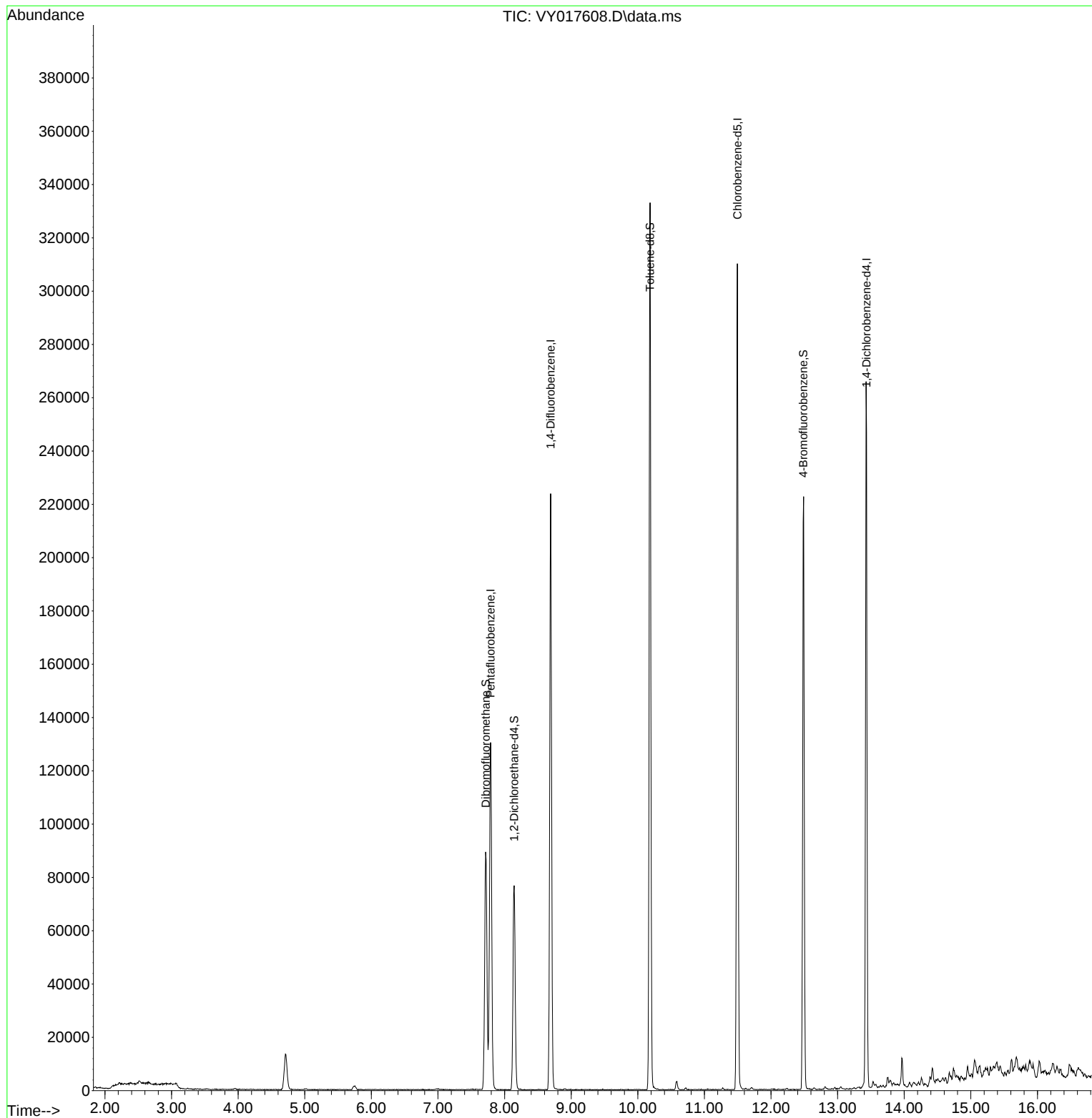
Target Compounds	Qvalue

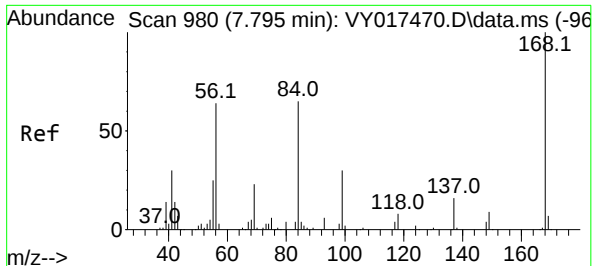
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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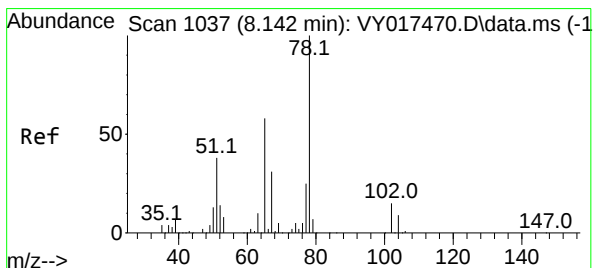
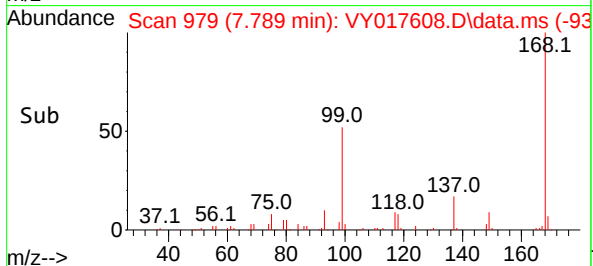
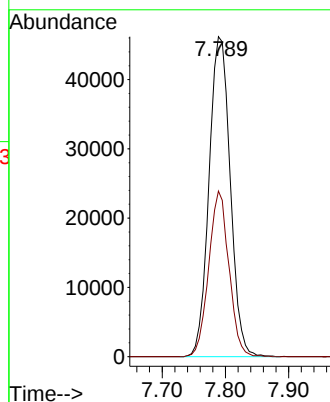
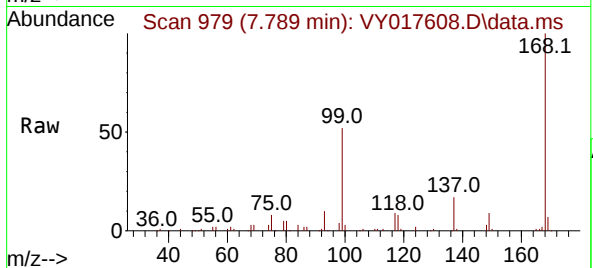




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

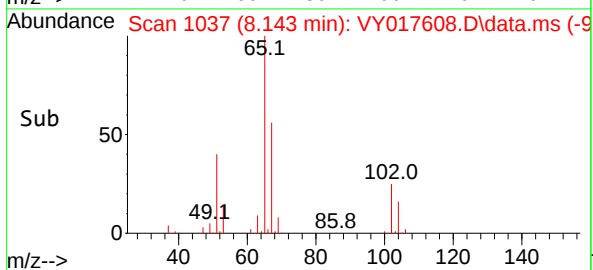
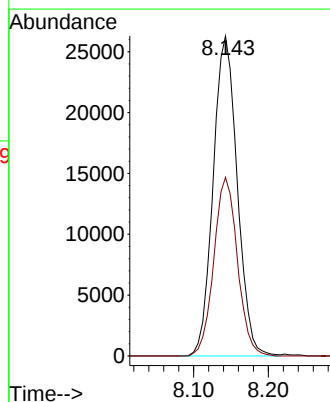
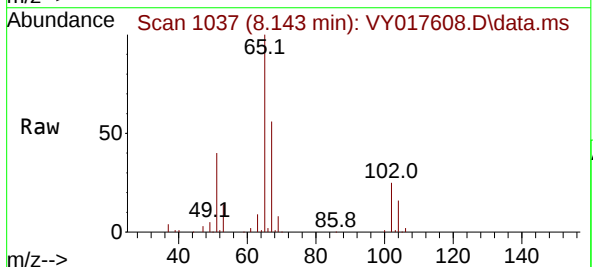
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

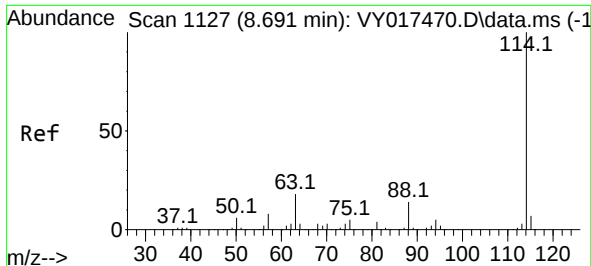
Tgt Ion:168 Resp: 107573
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.766 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion: 65 Resp: 58893
Ion Ratio Lower Upper
65 100
67 54.7 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: VY017608.D

Acq: 07 Mar 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VOC-6-GRAB

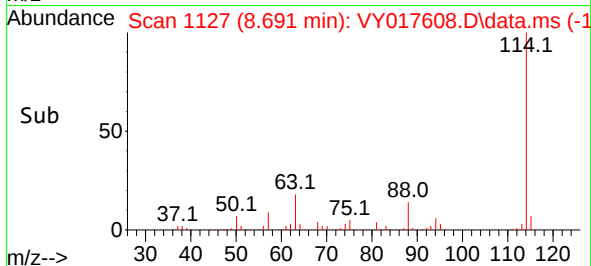
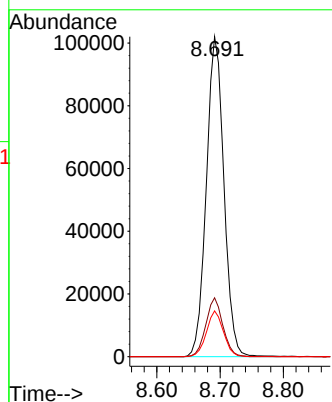
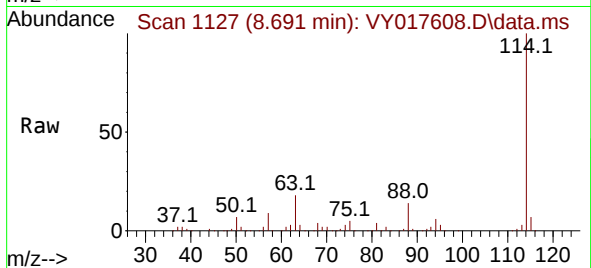
Tgt Ion:114 Resp: 197081

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.437 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017608.D

Acq: 07 Mar 2024 17:32

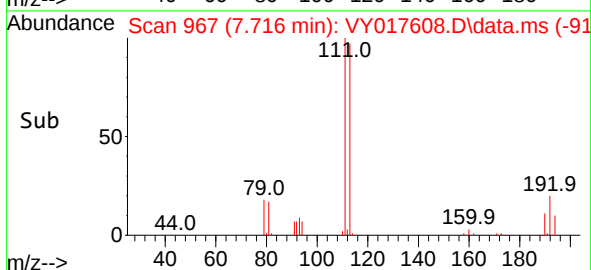
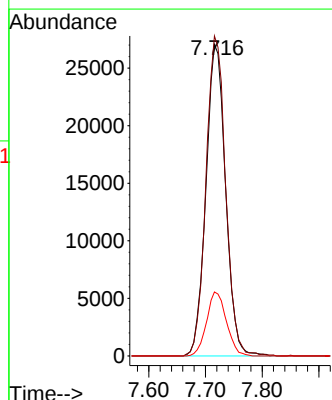
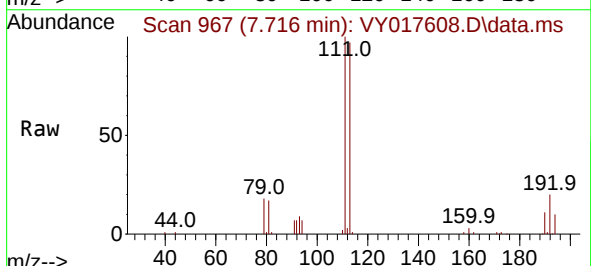
Tgt Ion:113 Resp: 65146

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 20.7 15.9 23.9

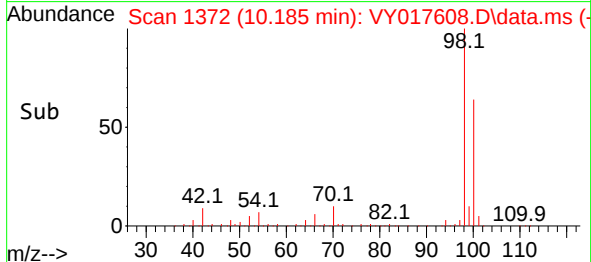
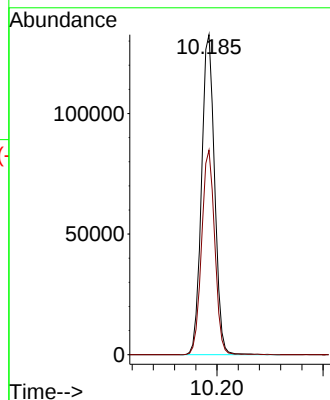
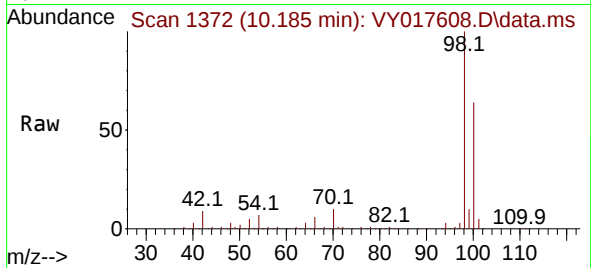




#50
Toluene-d8
Concen: 47.217 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

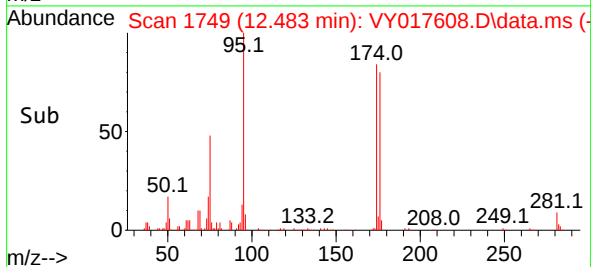
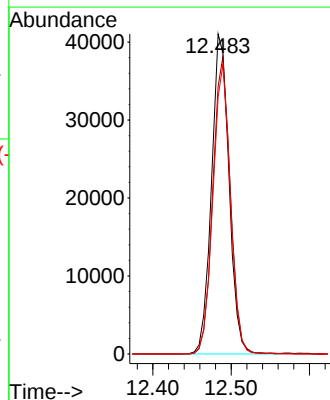
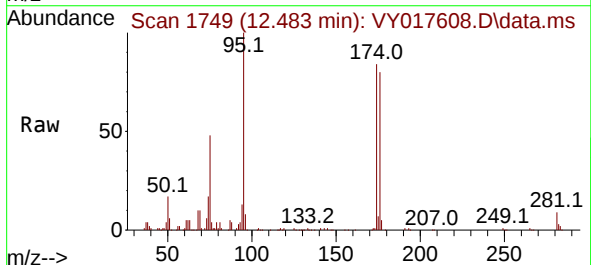
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-GRAB

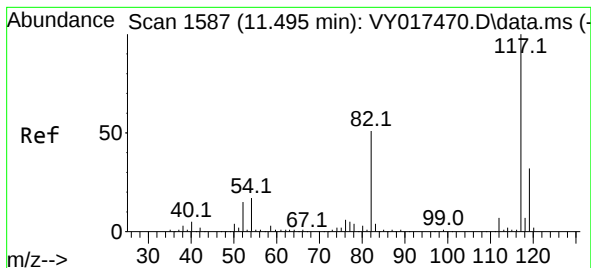
Tgt Ion: 98 Resp: 226719
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017608.D
Acq: 07 Mar 2024 17:32

Tgt Ion: 95 Resp: 63656
Ion Ratio Lower Upper
95 100
174 92.8 0.0 175.6
176 90.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY017608.D

Acq: 07 Mar 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

VOC-6-GRAB

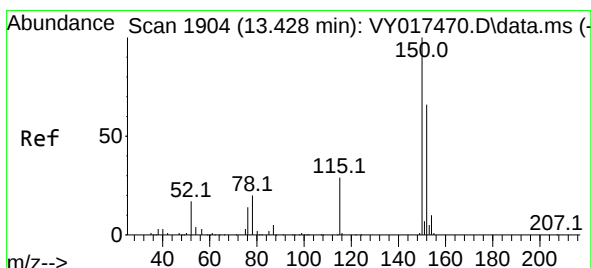
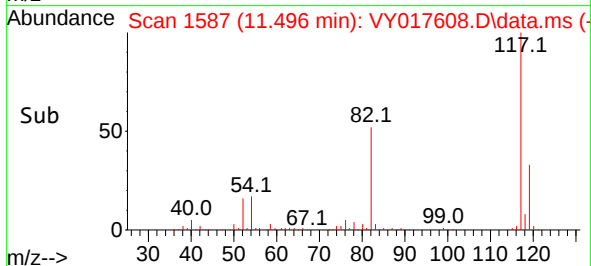
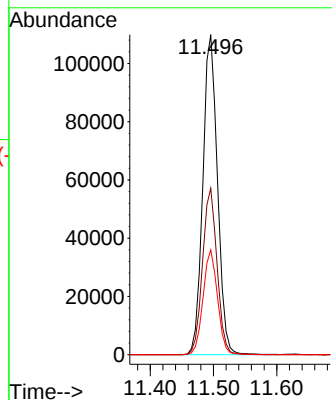
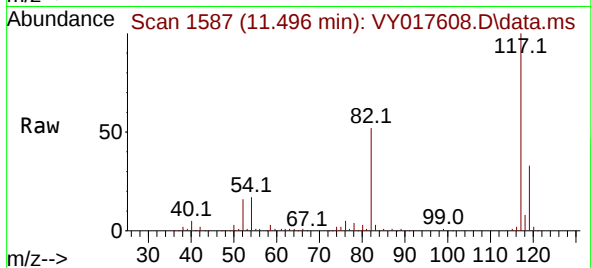
Tgt Ion:117 Resp: 177405

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 32.8 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: VY017608.D

Acq: 07 Mar 2024 17:32

Tgt Ion:152 Resp: 70029

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 155.5 0.0 345.6

