

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017576.D
 Acq On : 05 Mar 2024 17:06
 Operator : SY/MD
 Sample : P1685-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12002

Quant Time: Mar 05 22:06:46 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	49124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	75875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	64882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22008	47.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.540%
35) Dibromofluoromethane	7.722	113	27287	51.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.191	98	86011	46.528	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.489	95	18870	32.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.960%

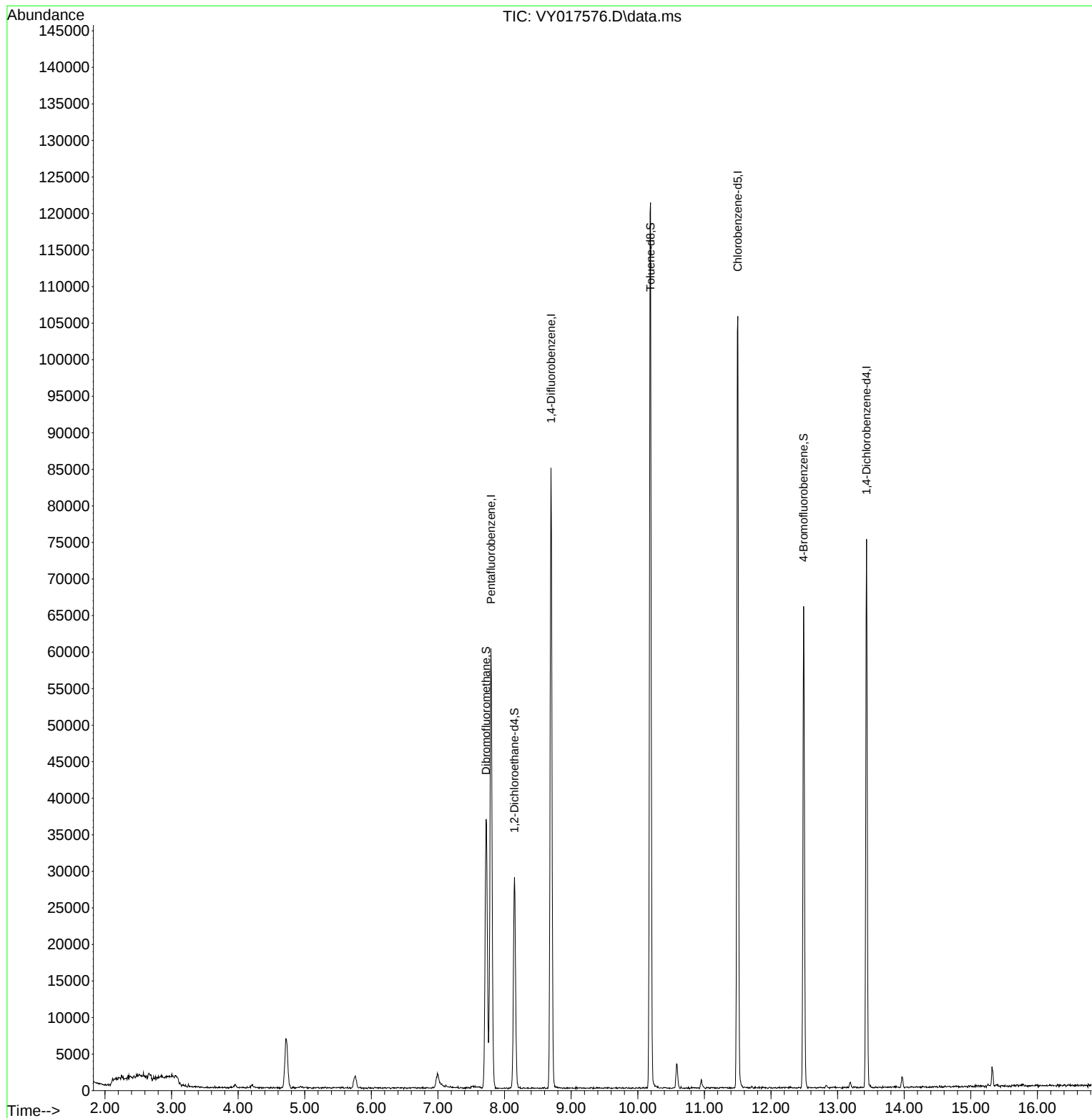
Target Compounds	Qvalue

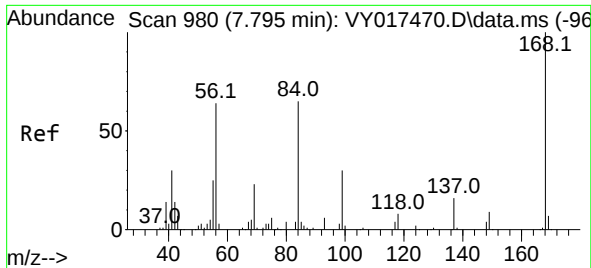
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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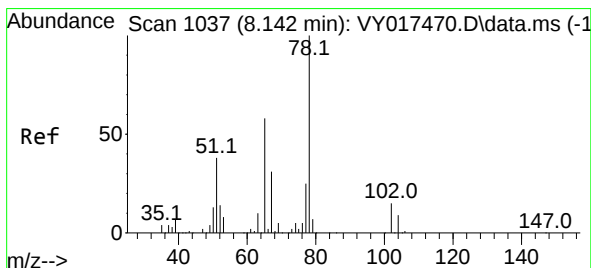
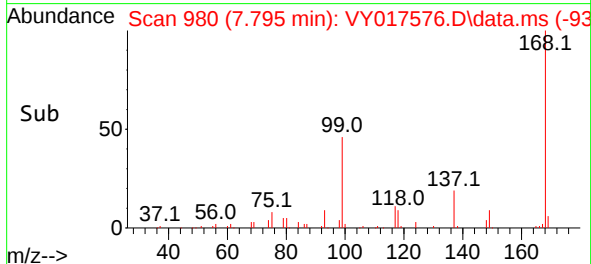
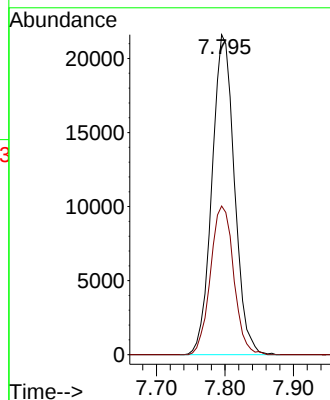
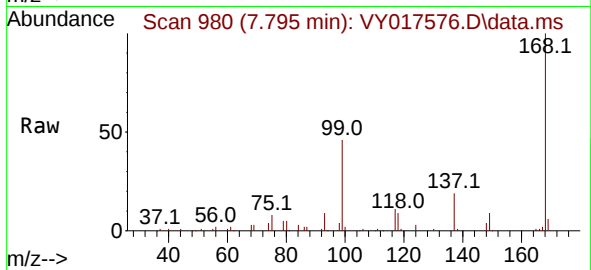




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

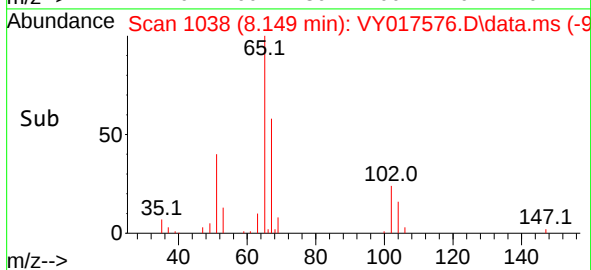
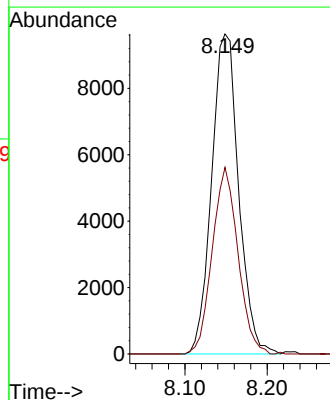
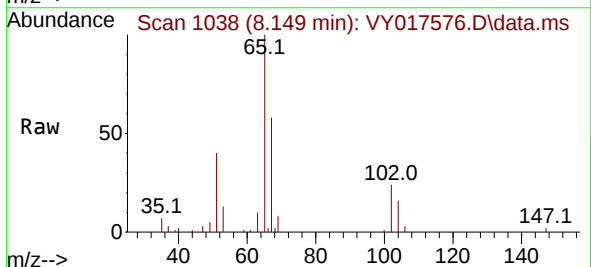
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

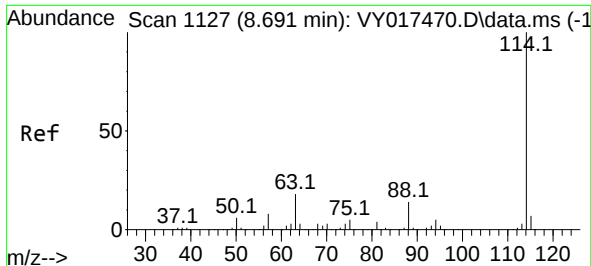
Tgt Ion:168 Resp: 49124
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.272 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 65 Resp: 22008
Ion Ratio Lower Upper
65 100
67 55.6 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: VY017576.D

Acq: 05 Mar 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

72-12002

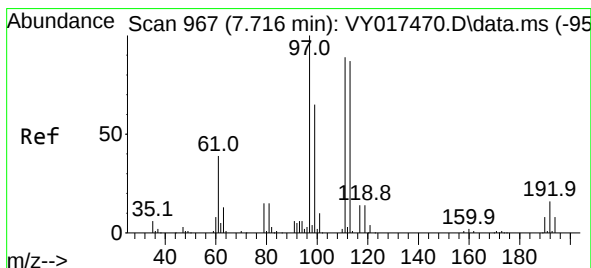
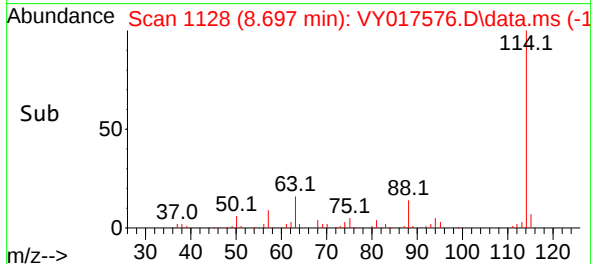
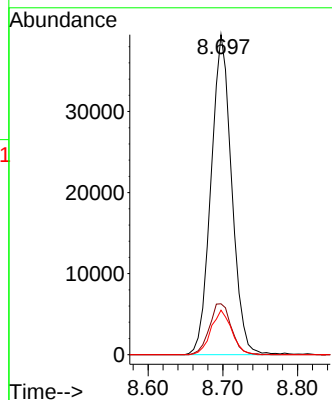
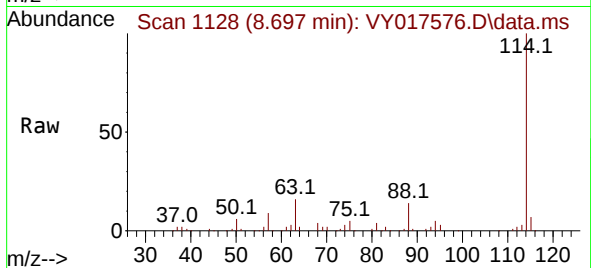
Tgt Ion:114 Resp: 75875

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

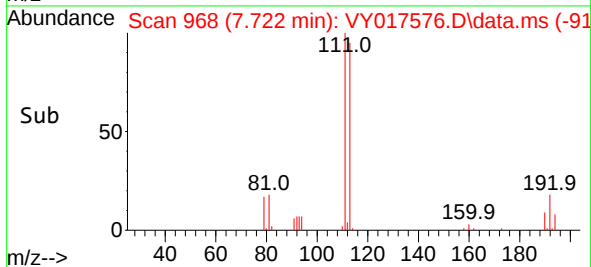
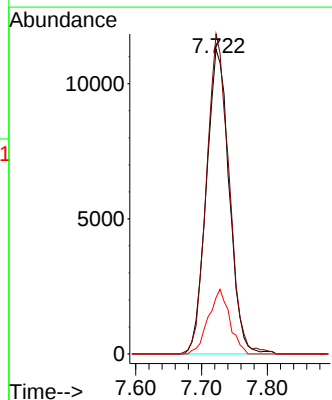
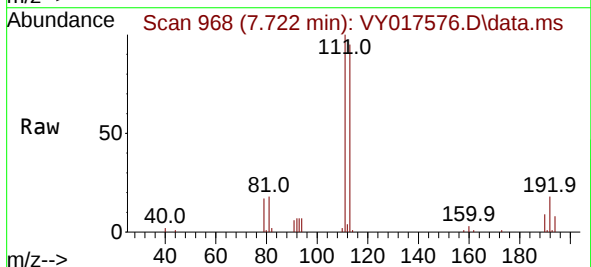
Tgt Ion:113 Resp: 27287

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.7 15.9 23.9

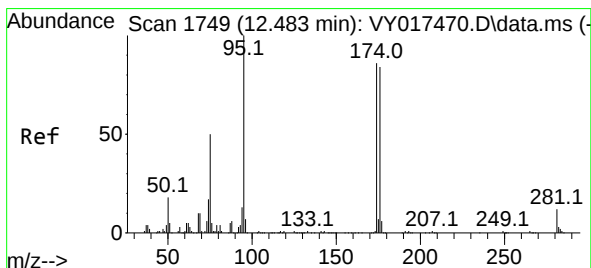
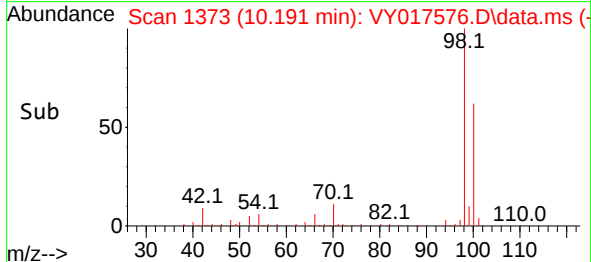
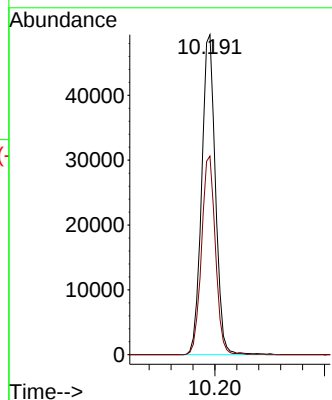
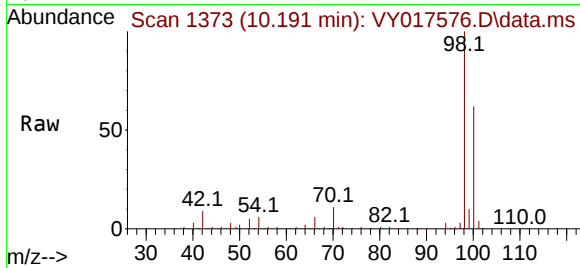




#50
Toluene-d8
Concen: 46.528 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

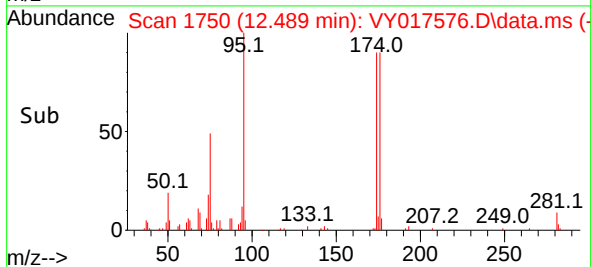
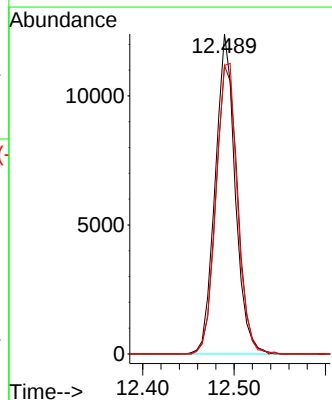
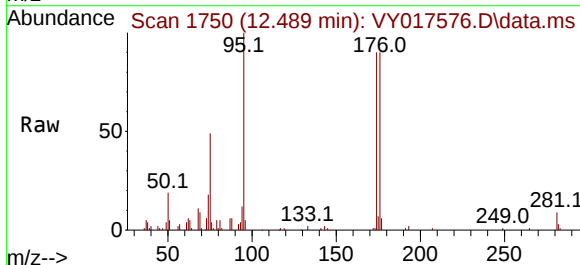
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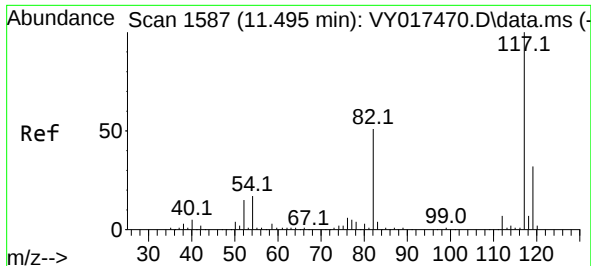
Tgt Ion: 98 Resp: 86011
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.480 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 95 Resp: 18870
Ion Ratio Lower Upper
95 100
174 98.1 0.0 175.6
176 97.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

72-12002

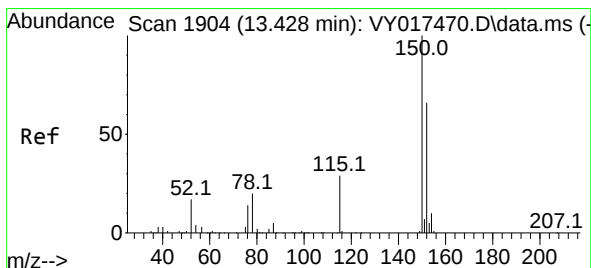
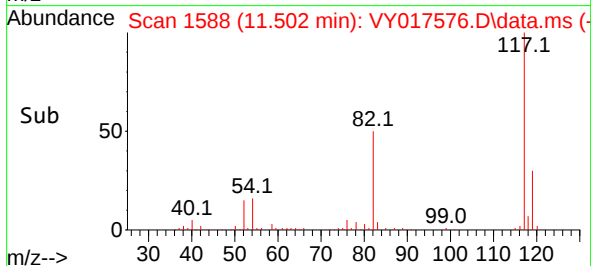
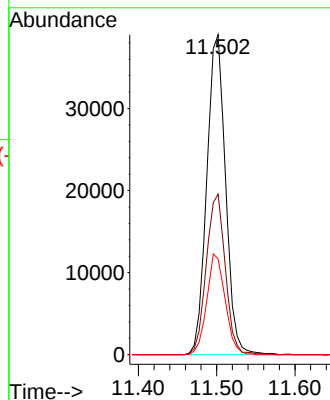
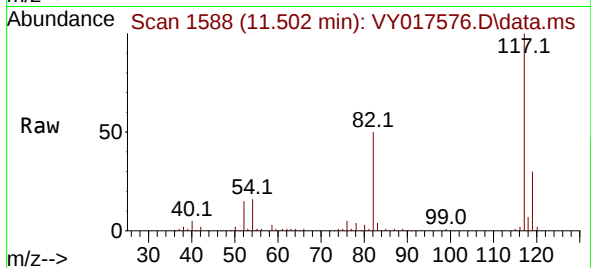
Tgt Ion:117 Resp: 64882

Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 29.9 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: VY017576.D

Acq: 05 Mar 2024 17:06

Tgt Ion:152 Resp: 21337

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 155.5 0.0 345.6

