

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011748.D
 Acq On : 09 Dec 2022 17:17
 Operator : KP/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Dec 10 03:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1786	150.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	301.840%#
35) Dibromofluoromethane	7.722	113	800	50.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.179	98	4198	86.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	172.280%#
62) 4-Bromofluorobenzene	12.483	95	866	41.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.740%

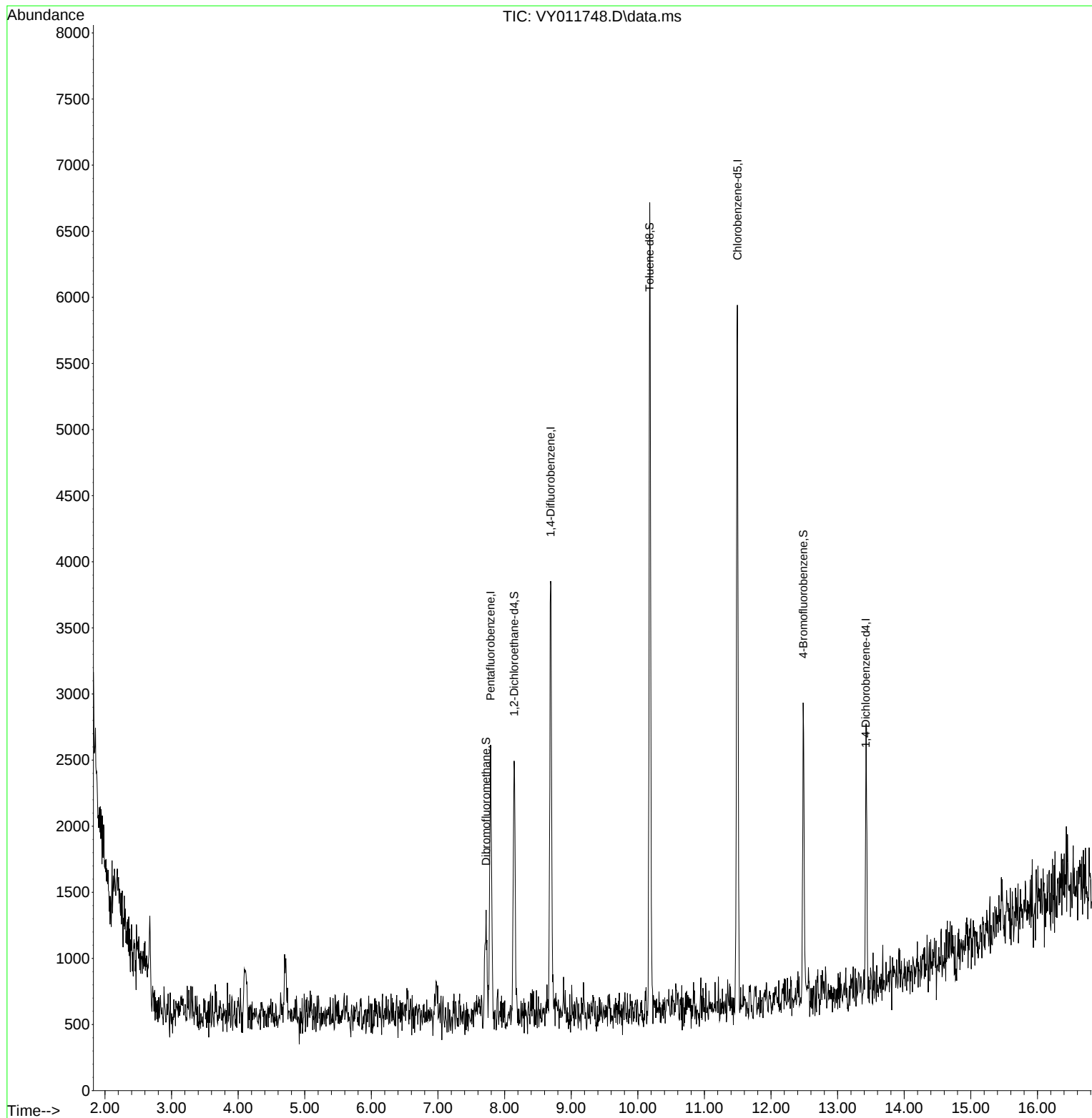
Target Compounds	Qvalue

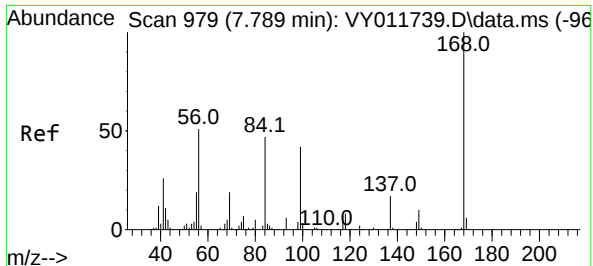
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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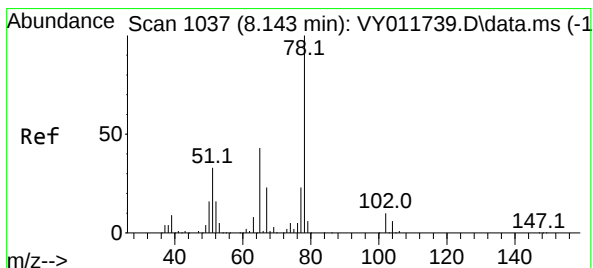
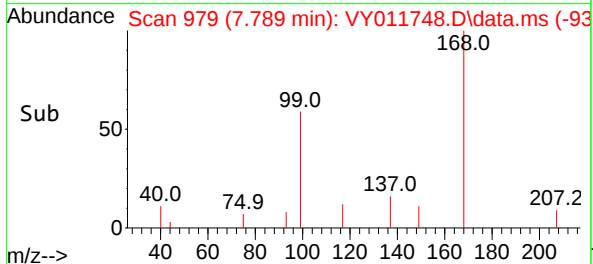
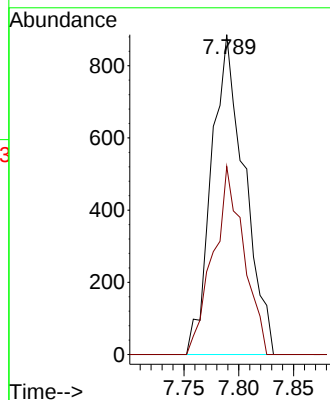
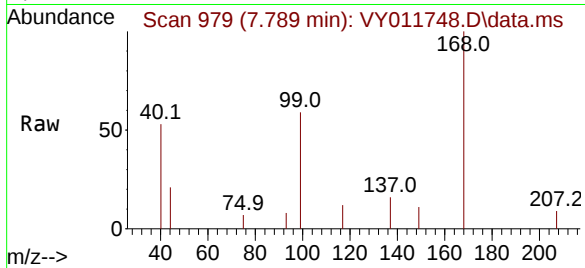




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

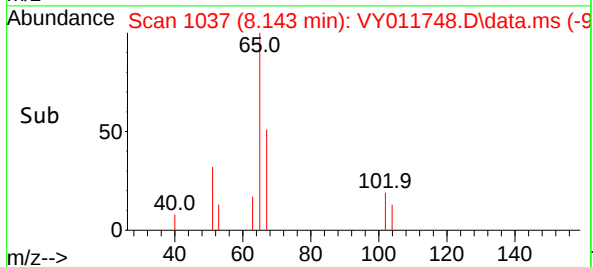
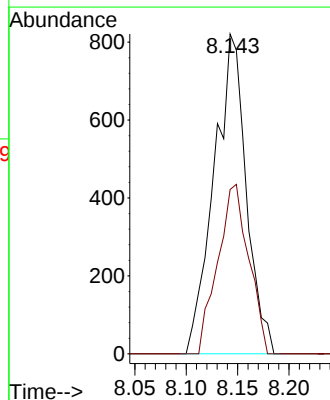
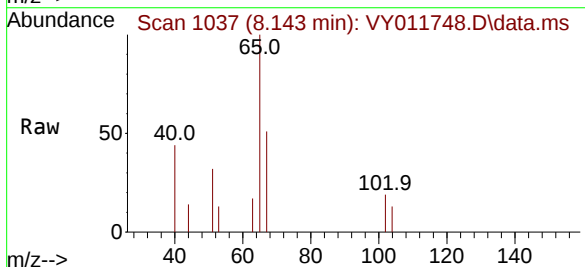
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 1853
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 150.920 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 65 Resp: 1786
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

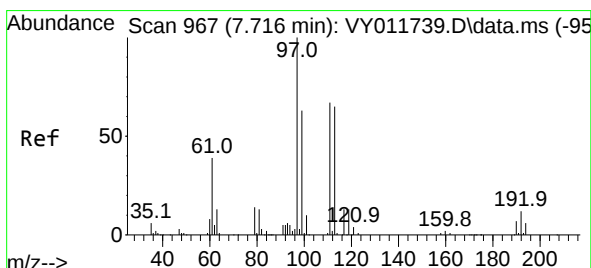
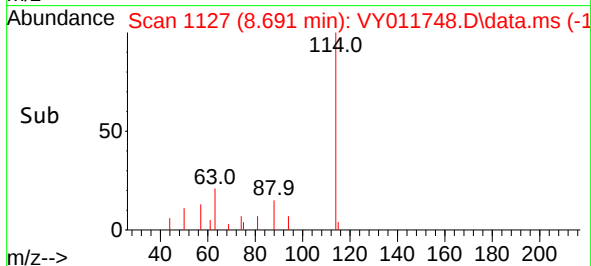
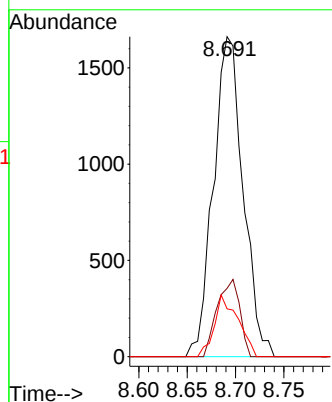
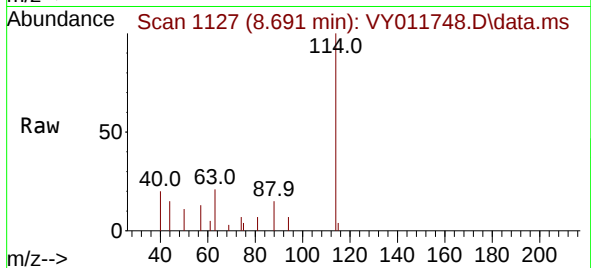
Instrument :

MSVOA_Y

ClientSampleId :

IBLK

Tgt Ion:114	Resp:	3543
Ion	Ratio	Lower Upper
114	100	
63	21.4	0.0 39.6
88	14.9	0.0 32.2



#35

Dibromofluoromethane

Concen: 50.891 ug/l

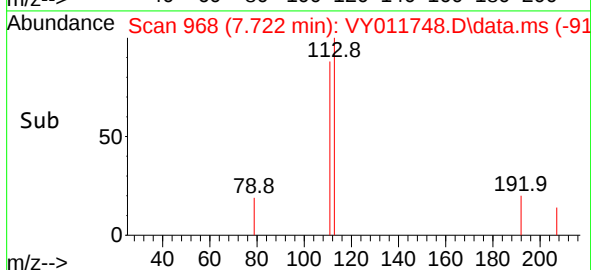
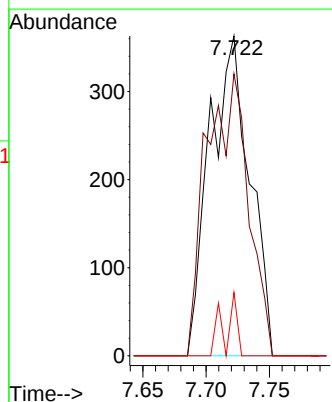
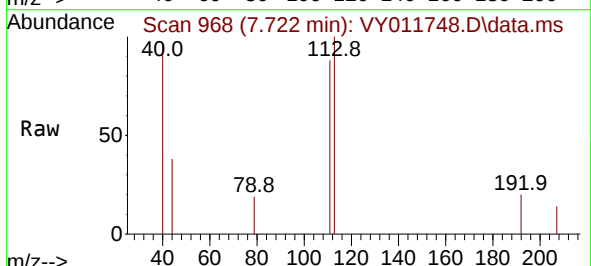
RT: 7.722 min Scan# 968

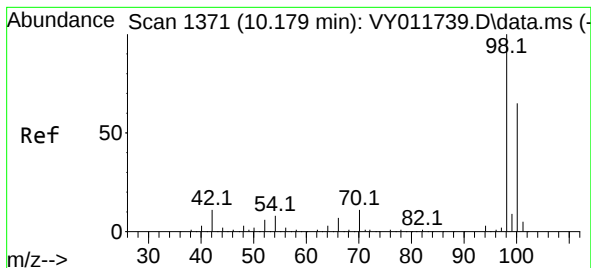
Delta R.T. 0.006 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

Tgt Ion:113	Resp:	800
Ion	Ratio	Lower Upper
113	100	
111	92.1	83.0 124.4
192	2.8	16.0 24.0





#50

Toluene-d8

Concen: 86.140 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

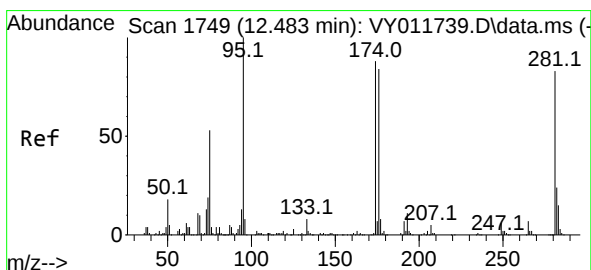
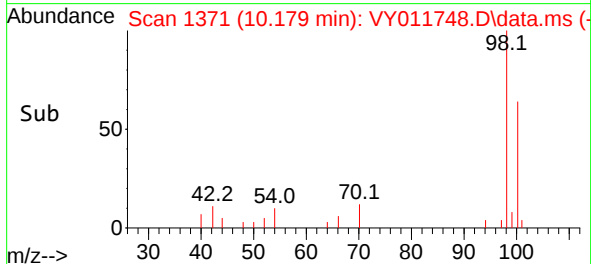
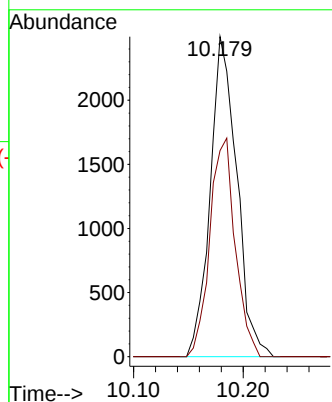
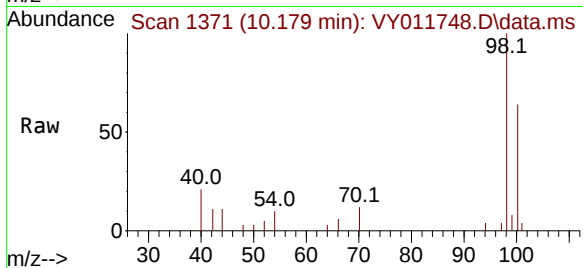
IBLK

Tgt Ion: 98 Resp: 4198

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.370 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

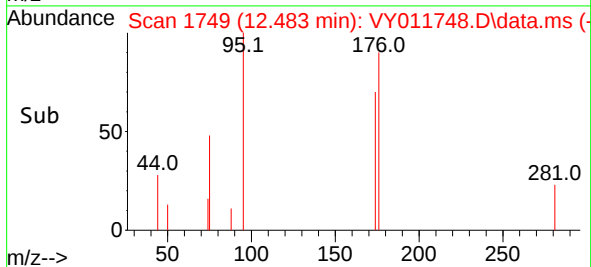
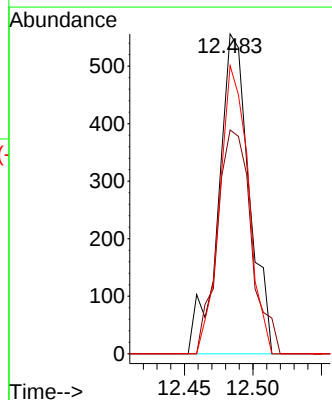
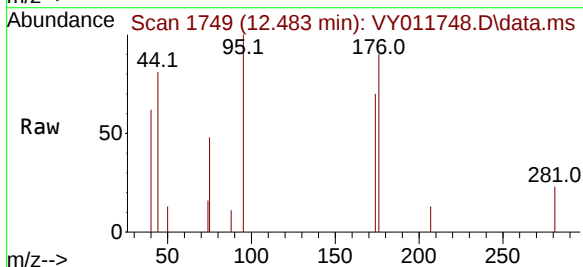
Tgt Ion: 95 Resp: 866

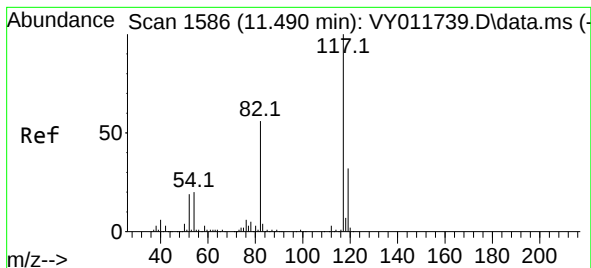
Ion Ratio Lower Upper

95 100

174 77.4 0.0 172.0

176 84.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

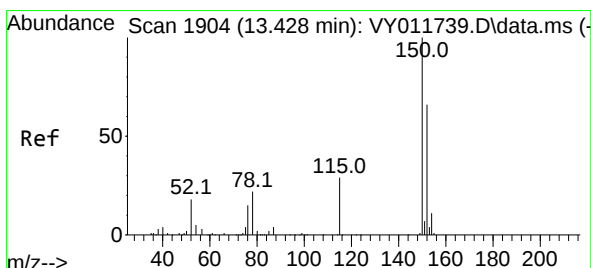
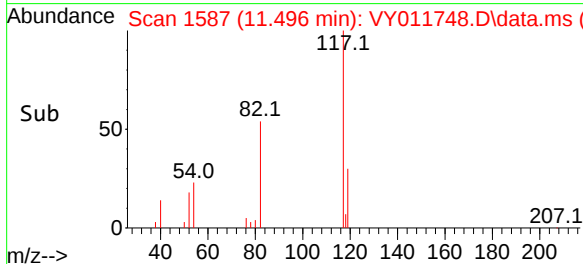
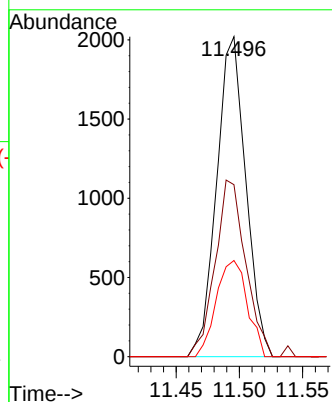
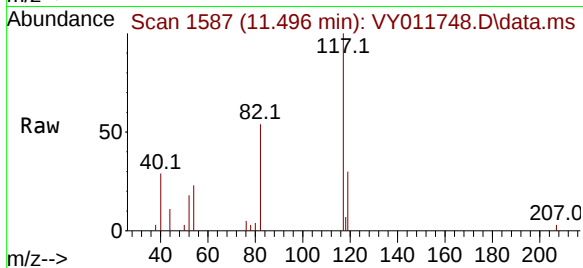
Tgt Ion:117 Resp: 3238

Ion Ratio Lower Upper

117 100

82 53.8 44.8 67.2

119 30.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY011748.D

Acq: 09 Dec 2022 17:17

Tgt Ion:152 Resp: 617

Ion Ratio Lower Upper

152 100

115 60.9 29.1 87.3

150 152.0 0.0 342.6

