

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011934.D
 Acq On : 20 Dec 2022 19:54
 Operator : KP/MD
 Sample : N6038-25
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(3-5)

Quant Time: Dec 21 00:11:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	223971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90207	60.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.980%
35) Dibromofluoromethane	7.722	113	80531	54.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.080%
50) Toluene-d8	10.179	98	300109	49.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	85402	42.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.000%

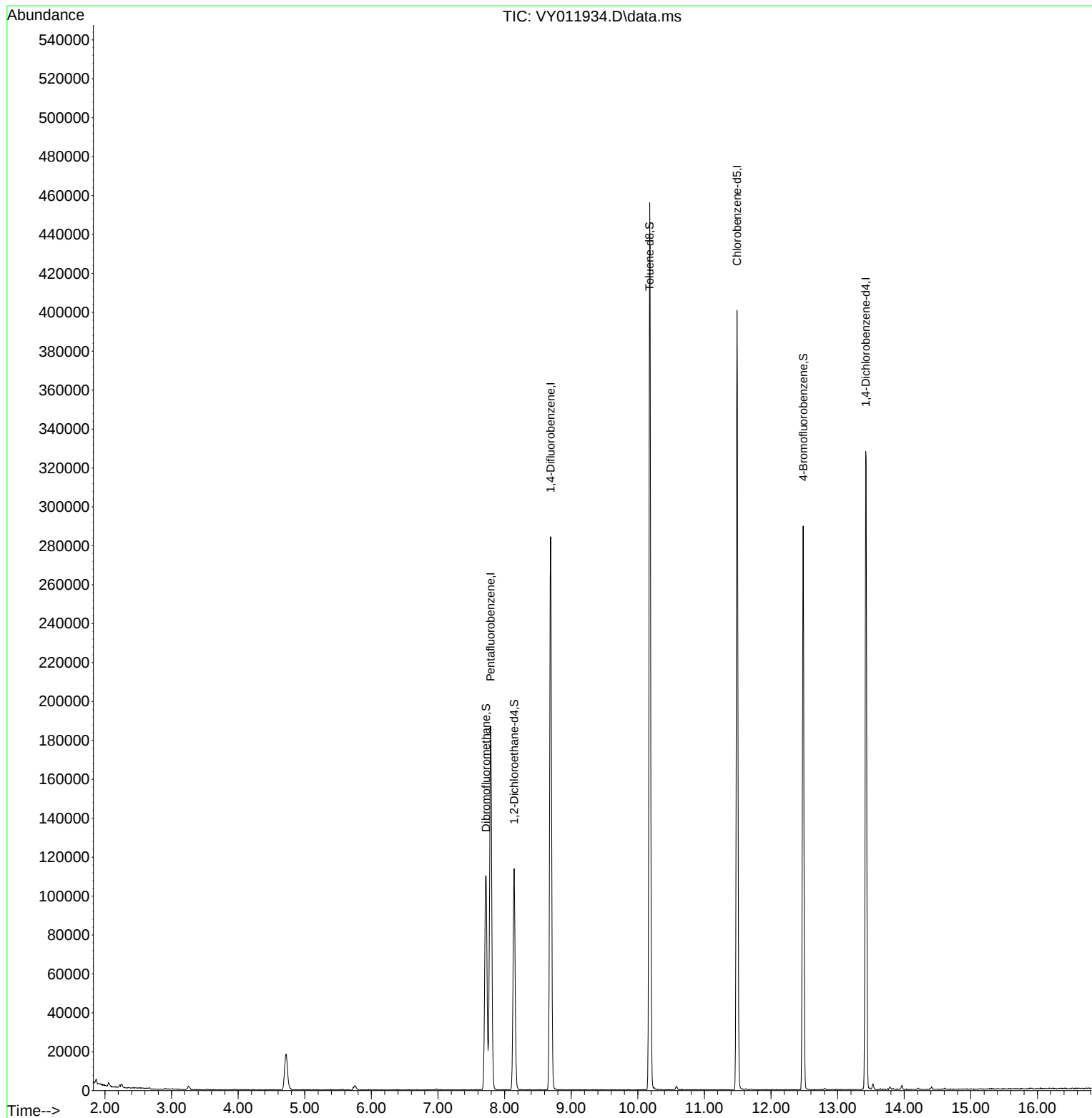
Target Compounds	Qvalue

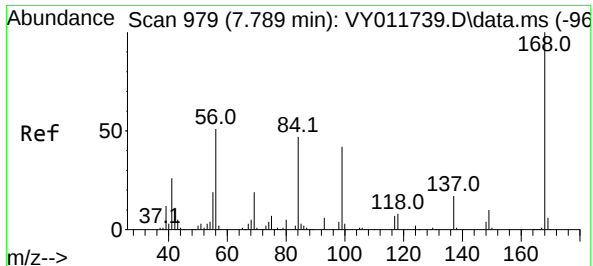
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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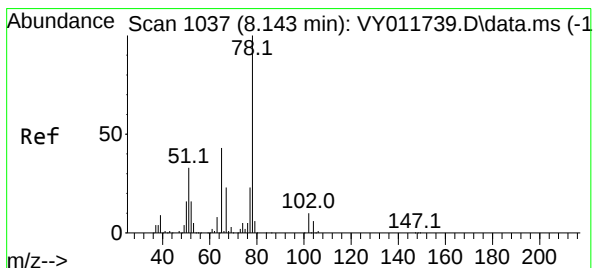
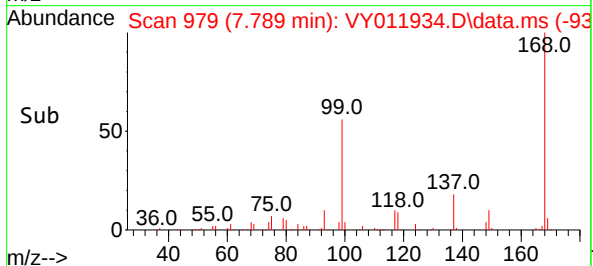
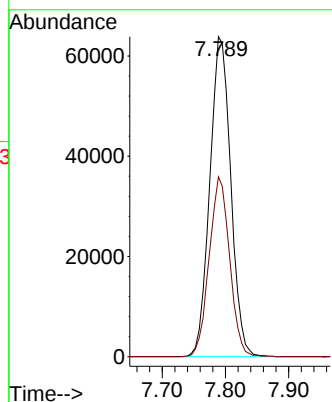
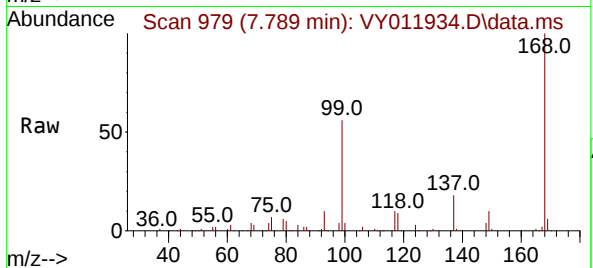




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011934.D
Acq: 20 Dec 2022 19:54

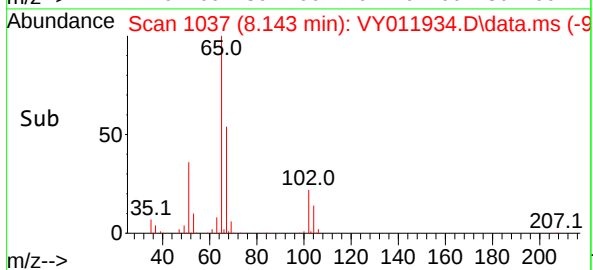
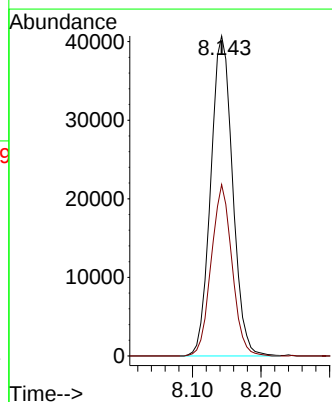
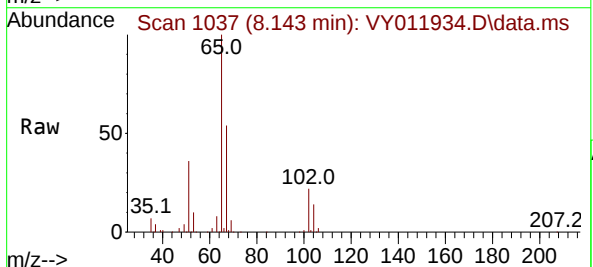
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(3-5)

Tgt Ion:168 Resp: 146818
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.985 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011934.D
Acq: 20 Dec 2022 19:54

Tgt Ion: 65 Resp: 90207
Ion Ratio Lower Upper
65 100
67 50.9 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: VY011934.D

Acq: 20 Dec 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

RB-41-(3-5)

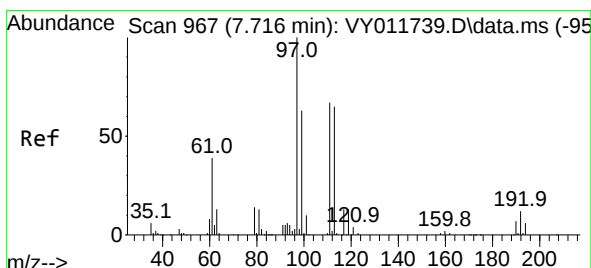
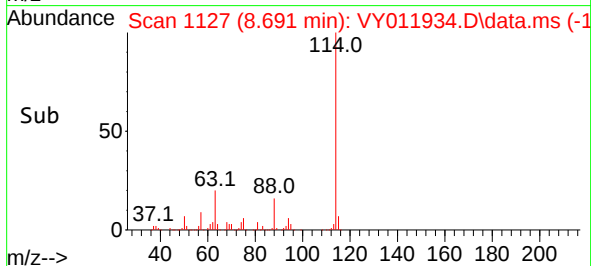
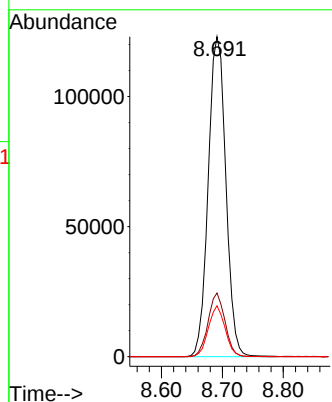
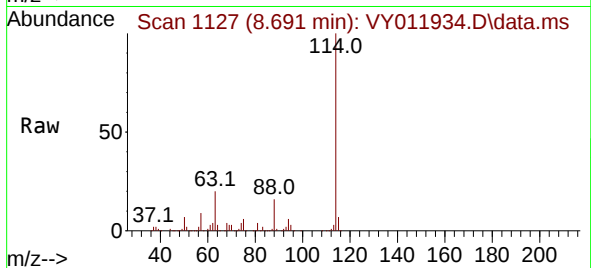
Tgt Ion:114 Resp: 247519

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 54.043 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011934.D

Acq: 20 Dec 2022 19:54

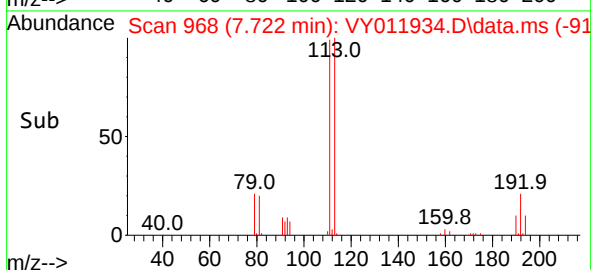
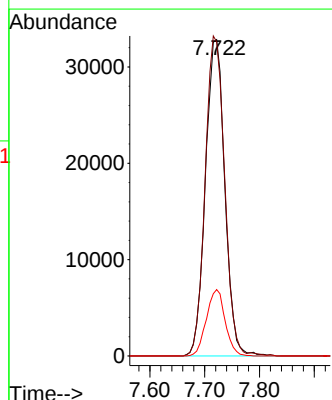
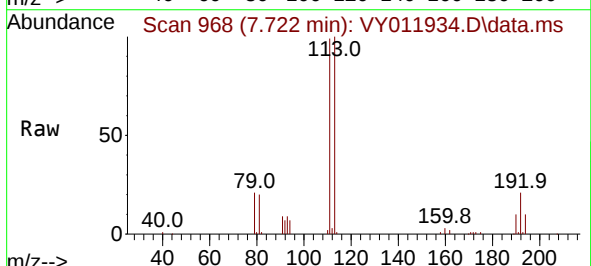
Tgt Ion:113 Resp: 80531

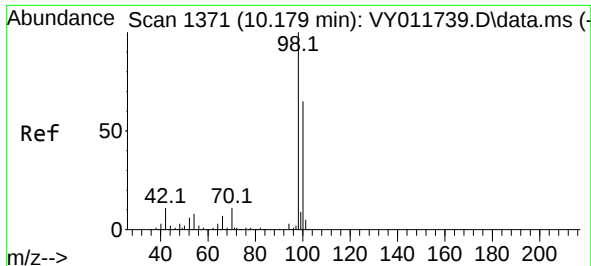
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 20.3 16.0 24.0

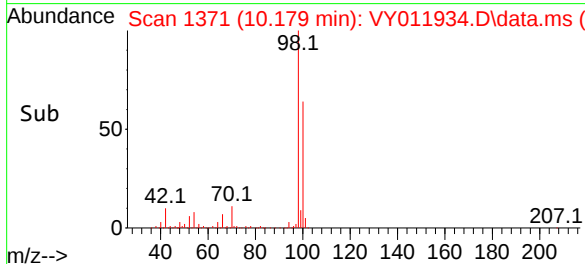
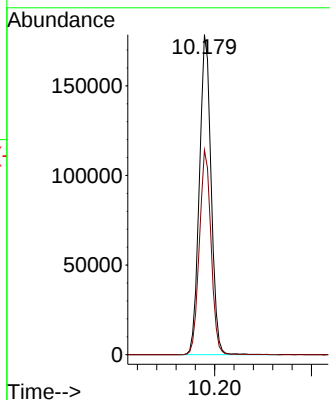
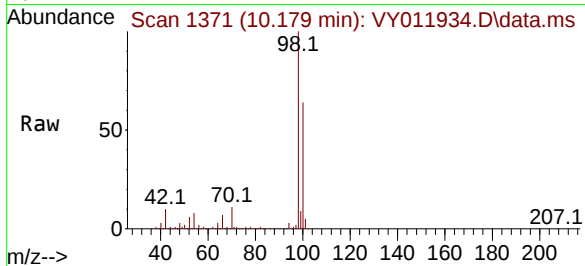




#50
Toluene-d8
Concen: 49.639 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011934.D
Acq: 20 Dec 2022 19:54

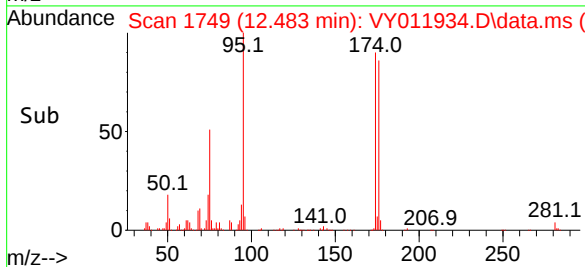
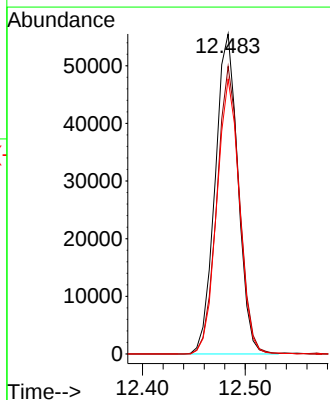
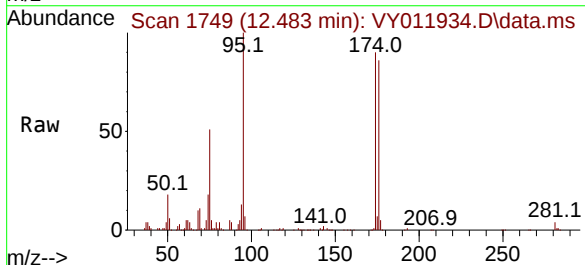
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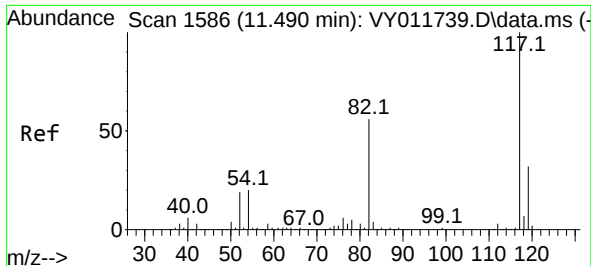
Tgt Ion: 98 Resp: 300109
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011934.D
Acq: 20 Dec 2022 19:54

Tgt Ion: 95 Resp: 85402
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 85.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011934.D

Acq: 20 Dec 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

RB-41-(3-5)

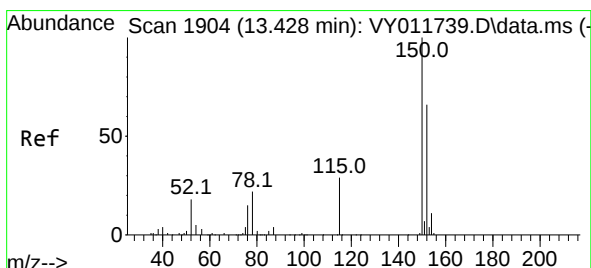
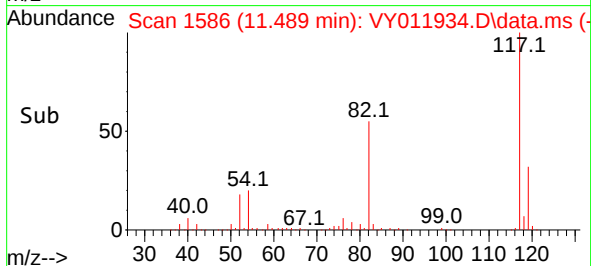
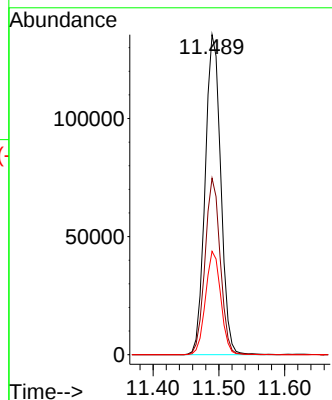
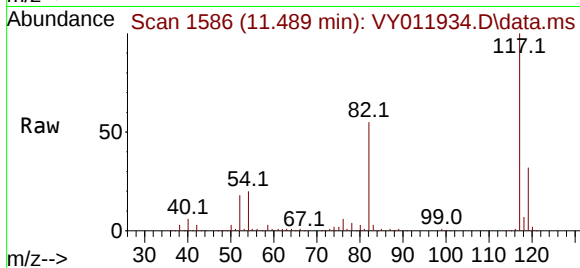
Tgt Ion:117 Resp: 223971

Ion Ratio Lower Upper

117 100

82 55.2 44.8 67.2

119 32.3 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: VY011934.D

Acq: 20 Dec 2022 19:54

Tgt Ion:152 Resp: 89497

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 156.6 0.0 342.6

