

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009805.D
 Acq On : 01 Aug 2022 18:35
 Operator : KP/MD
 Sample : N3982-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-072922

Quant Time: Aug 02 01:42:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1313	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	474	107.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 215.060%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.179	98	1152	56.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.280%	
62) 4-Bromofluorobenzene	12.489	95	279	29.828	ug/l	0.01
Spiked Amount	50.000	Range	50 - 146	Recovery	= 59.660%	

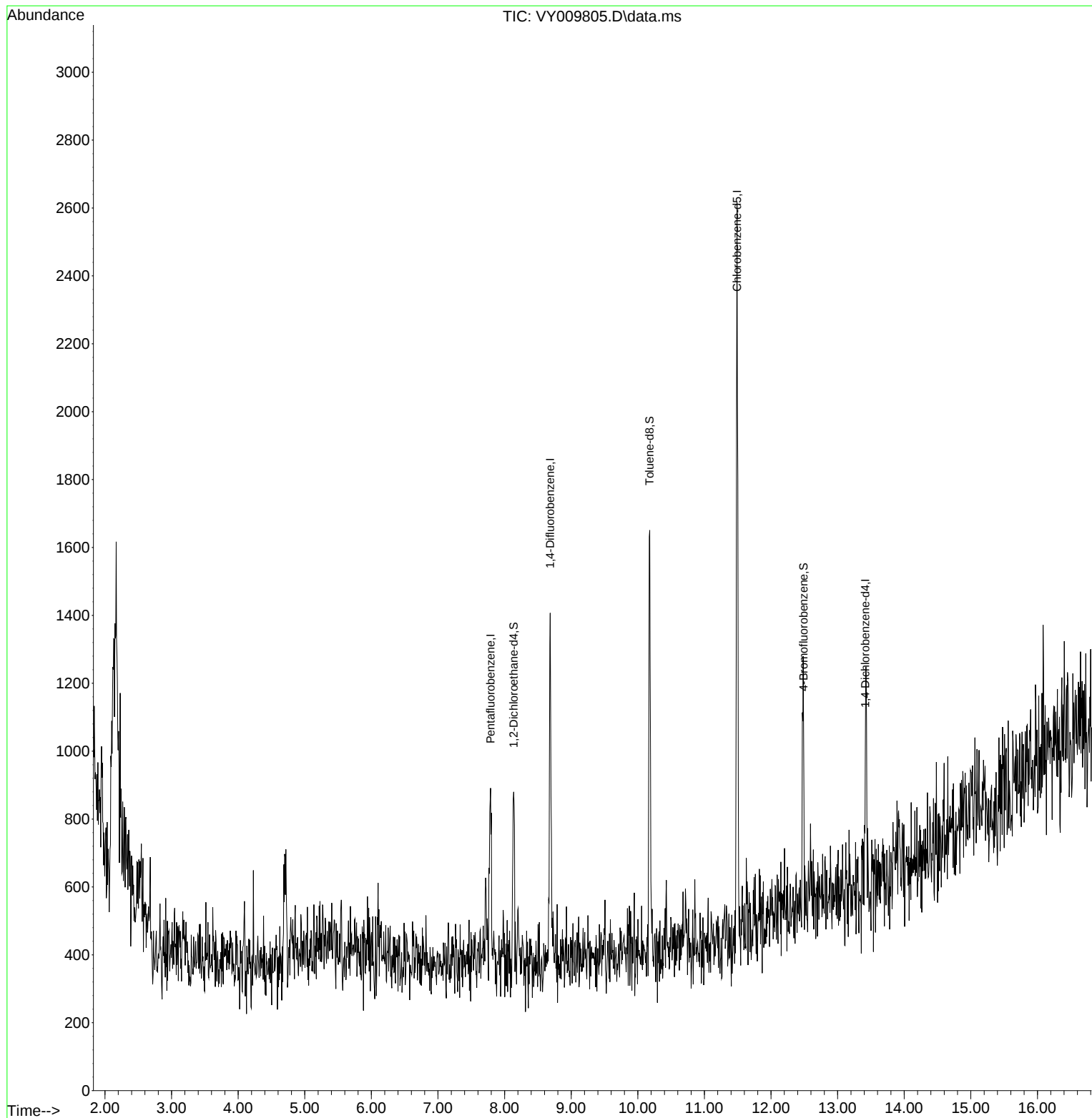
Target Compounds	Qvalue

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

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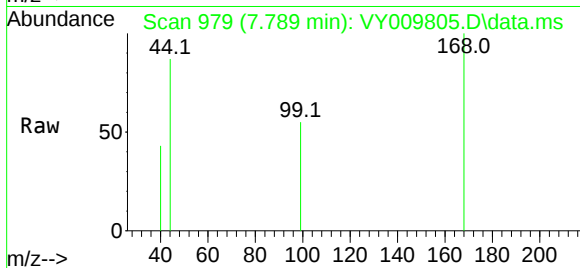
Quant Time: Aug 02 01:42:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
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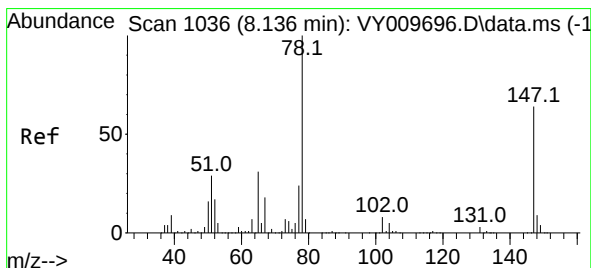
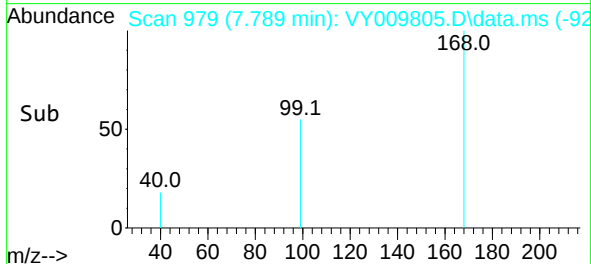
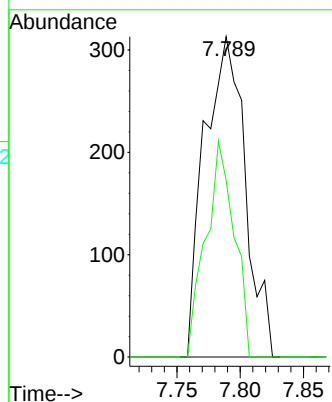


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-072922

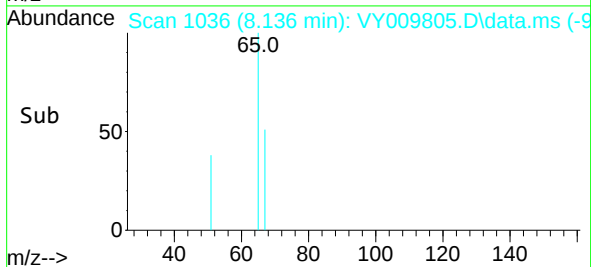
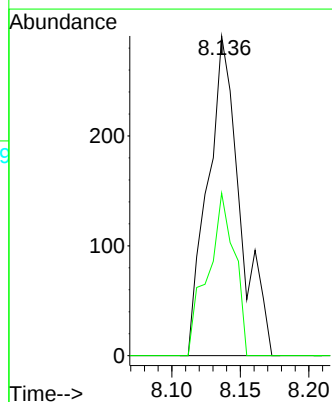
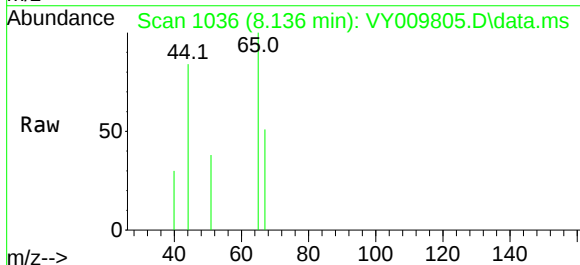


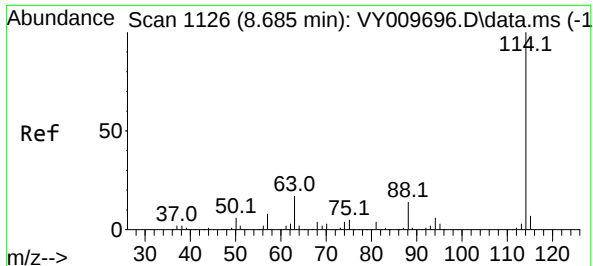
Tgt Ion:168 Resp: 701
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 107.526 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 65 Resp: 474
Ion Ratio Lower Upper
65 100
67 42.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-072922

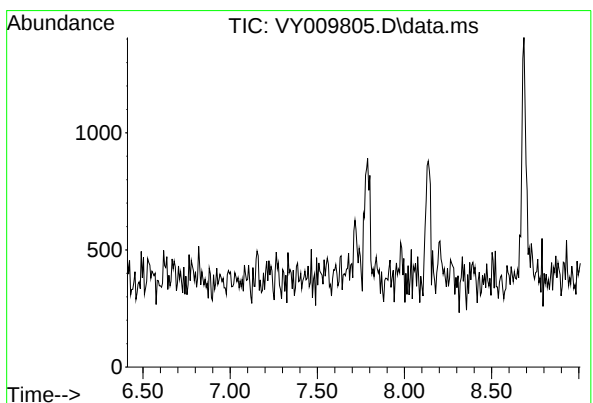
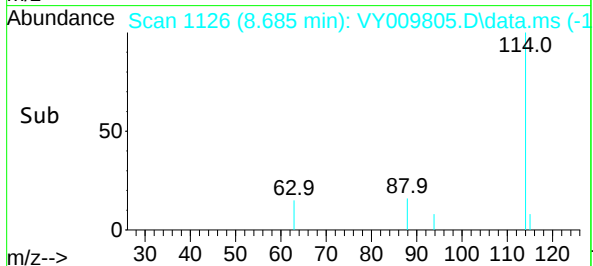
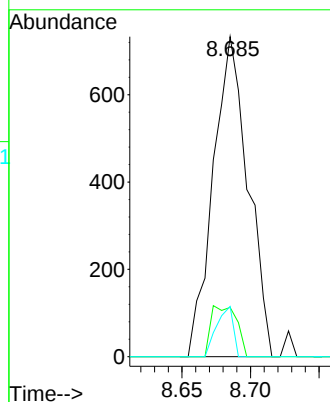
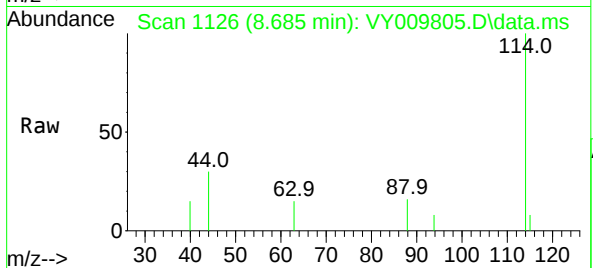
Tgt Ion:114 Resp: 1297

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

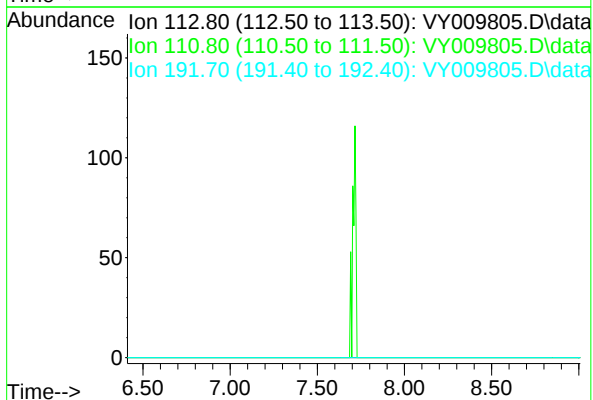
Tgt Ion: 113

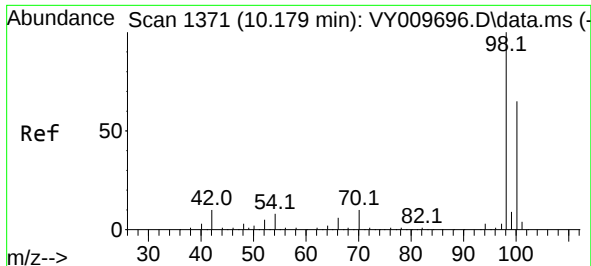
Sig Exp Ratio

113 100

111 103.3

192 22.0

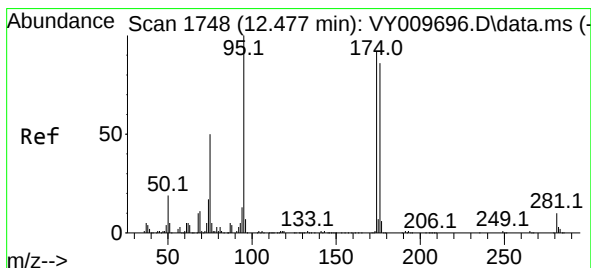
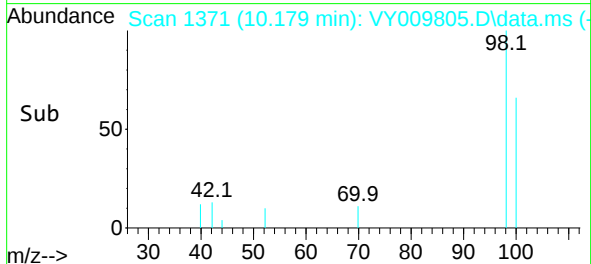
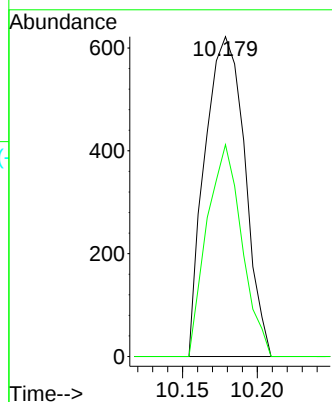
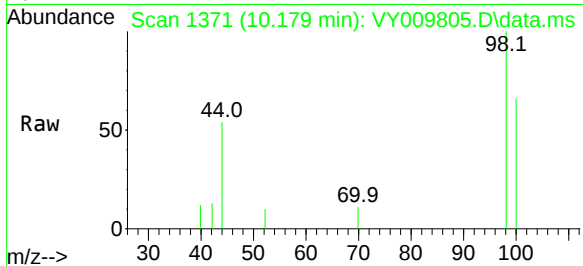




#50
Toluene-d8
Concen: 56.638 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

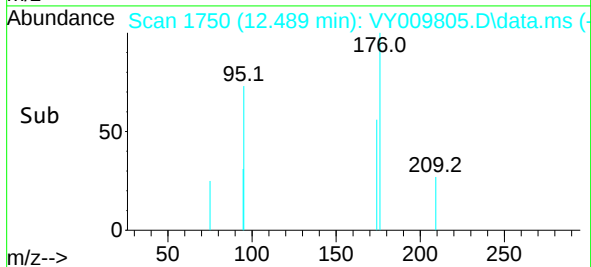
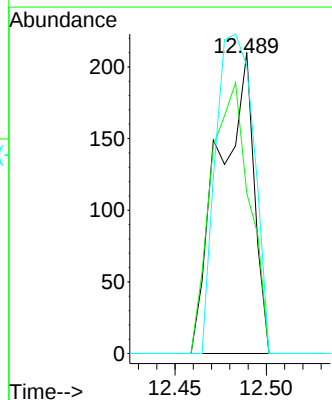
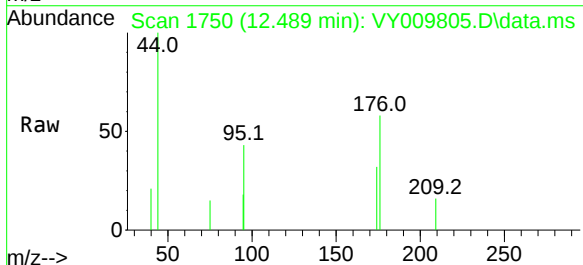
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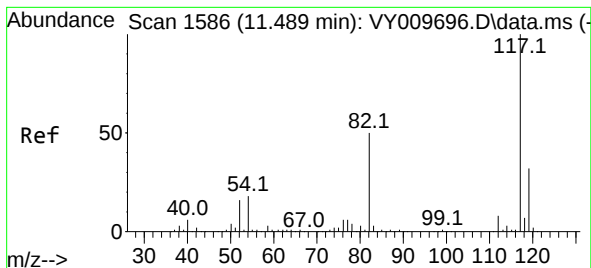
Tgt Ion: 98 Resp: 1152
Ion Ratio Lower Upper
98 100
100 58.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY009805.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 95 Resp: 279
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 115.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-072922

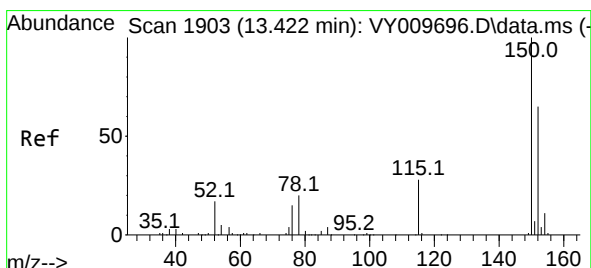
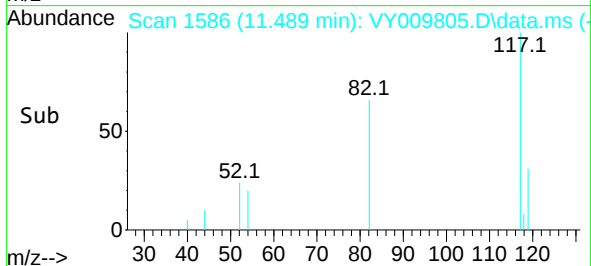
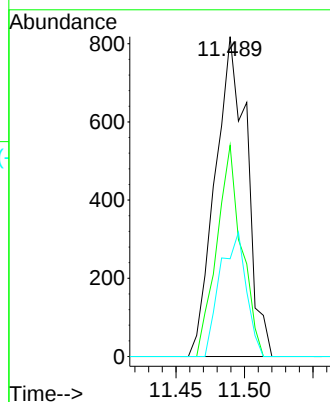
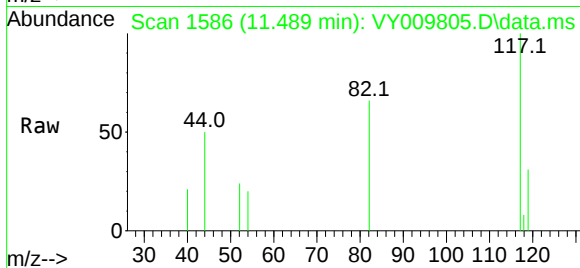
Tgt Ion:117 Resp: 1313

Ion Ratio Lower Upper

117 100

82 66.0 43.0 64.4#

119 30.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.416 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VY009805.D

Acq: 01 Aug 2022 18:35

Tgt Ion:152 Resp: 263

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 167.7 0.0 347.6

