

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011308.D
 Acq On : 04 Nov 2022 19:24
 Operator : KP/MD
 Sample : N5310-15RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-11RE

Quant Time: Nov 07 01:54:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	354	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	131	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	157	53.576	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.160%	
35) Dibromofluoromethane	7.722	113	88	38.691	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.380%	
50) Toluene-d8	10.179	98	290	32.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 65.680%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	

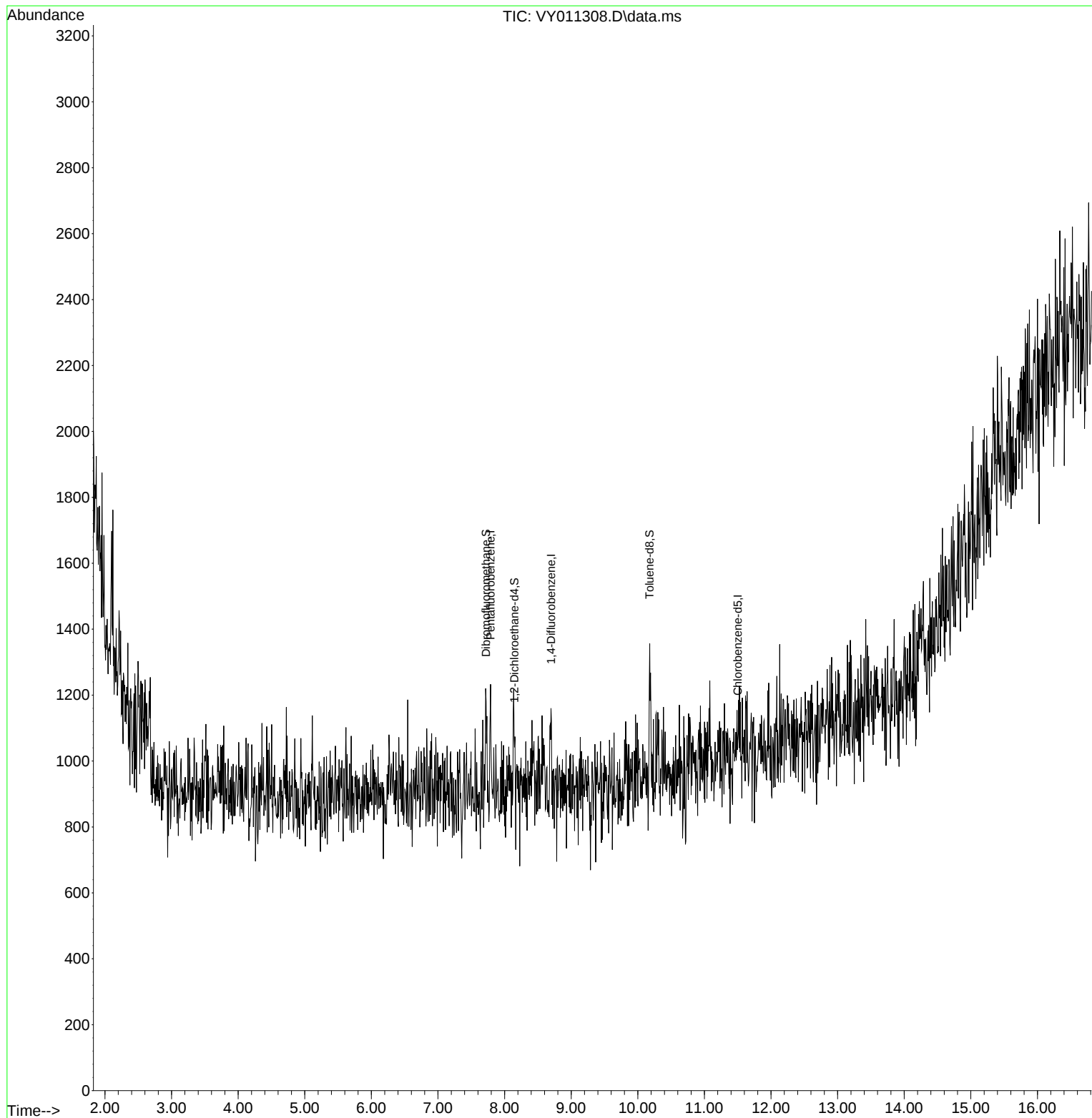
Target Compounds Qvalue

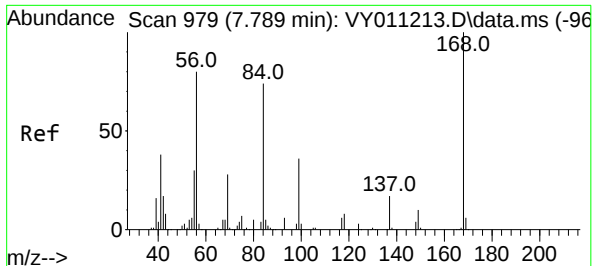
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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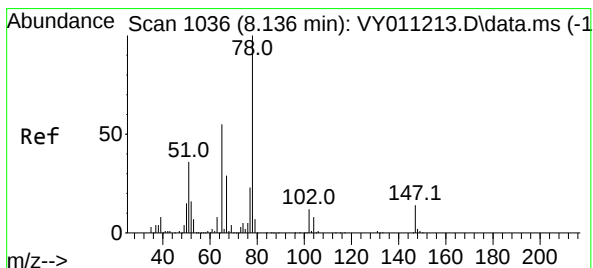
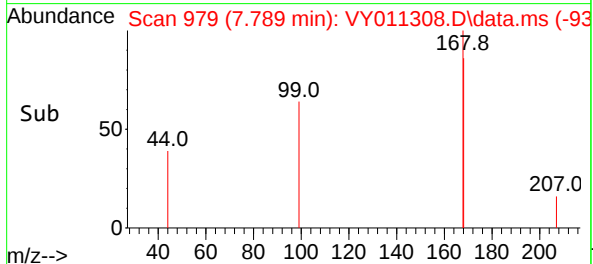
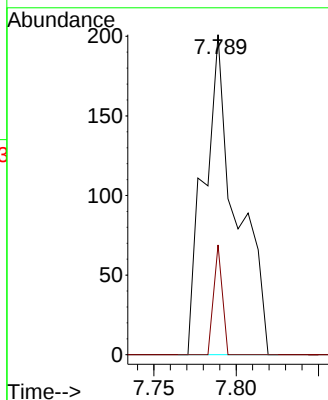
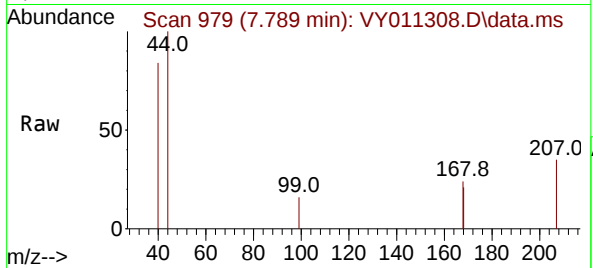




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011308.D
Acq: 04 Nov 2022 19:24

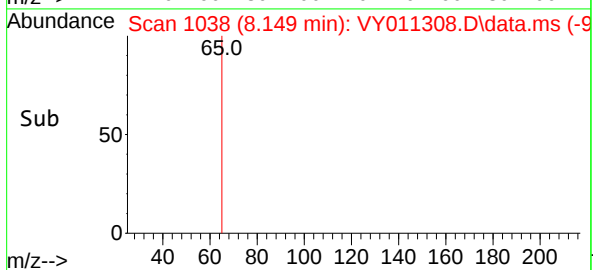
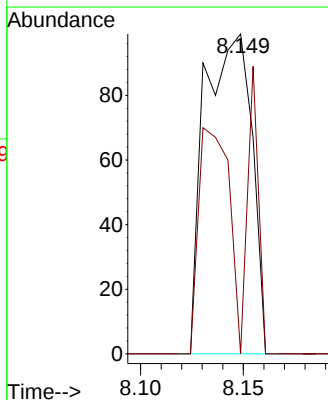
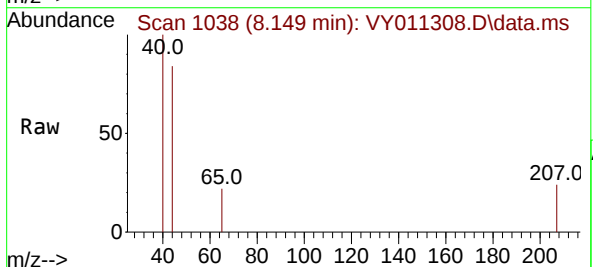
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-11RE

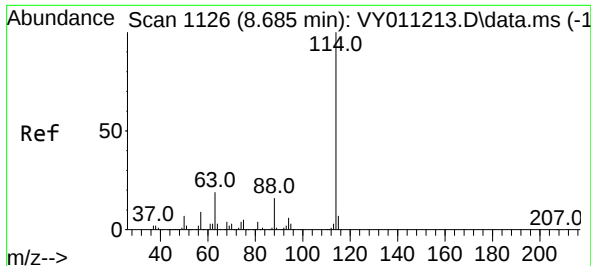
Tgt Ion:168 Resp: 274
Ion Ratio Lower Upper
168 100
99 34.3 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 53.576 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY011308.D
Acq: 04 Nov 2022 19:24

Tgt Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
67 45.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY011308.D

Acq: 04 Nov 2022 19:24

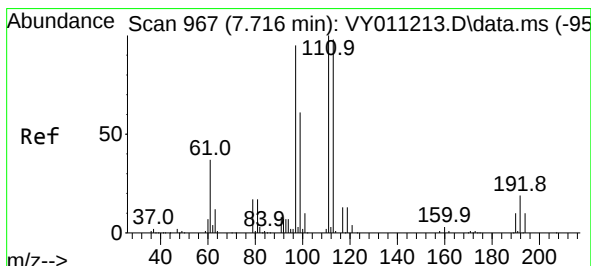
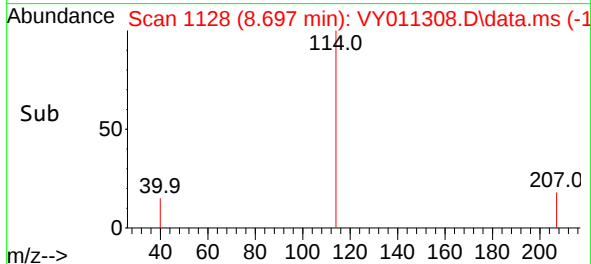
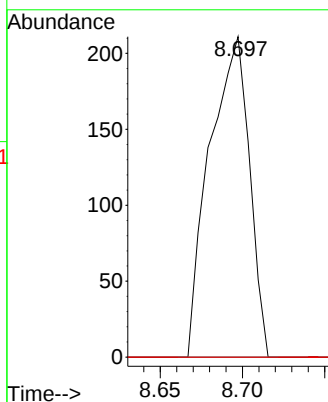
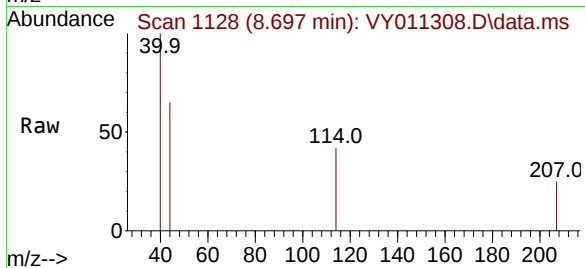
Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-11RE

Tgt Ion:114	Resp:	354
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 43.2
88	0.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 38.691 ug/l

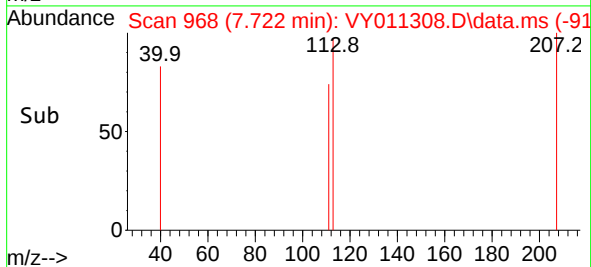
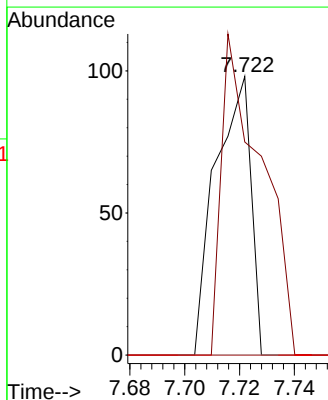
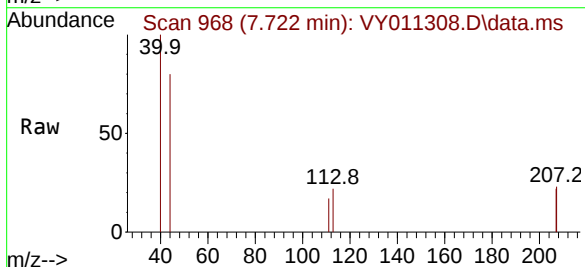
RT: 7.722 min Scan# 968

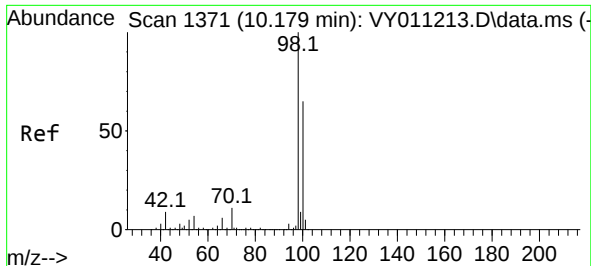
Delta R.T. 0.012 min

Lab File: VY011308.D

Acq: 04 Nov 2022 19:24

Tgt Ion:113	Resp:	88
Ion	Ratio	Lower Upper
113	100	
111	129.5	82.6 124.0#
192	0.0	17.6 26.4#

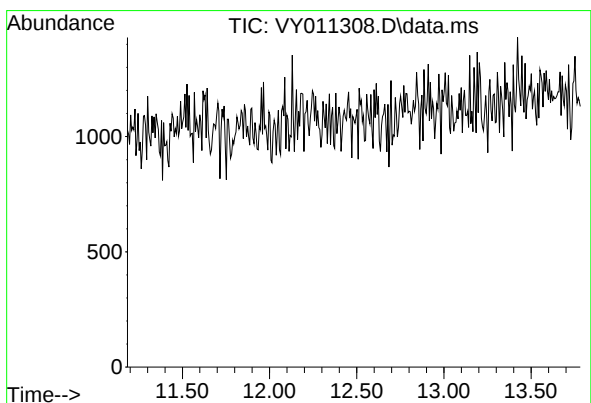
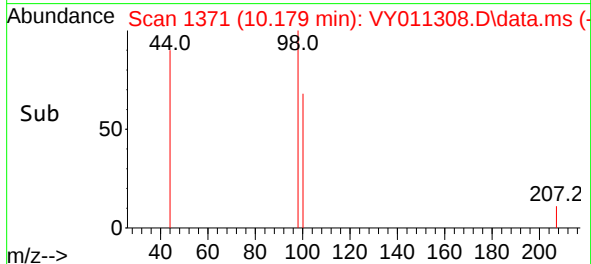
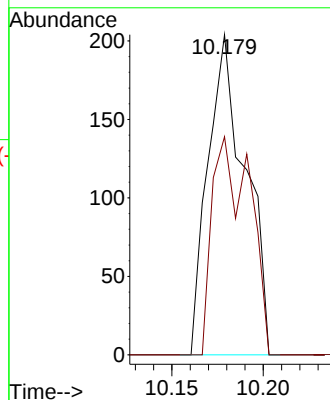
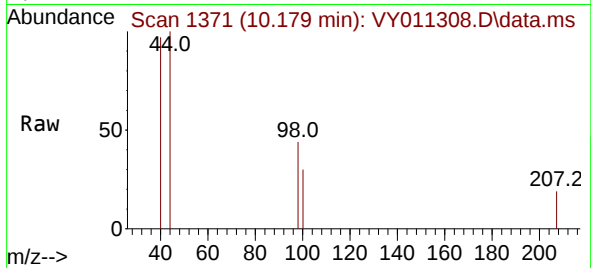




#50
Toluene-d8
Concen: 32.840 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011308.D
Acq: 04 Nov 2022 19:24

Instrument :
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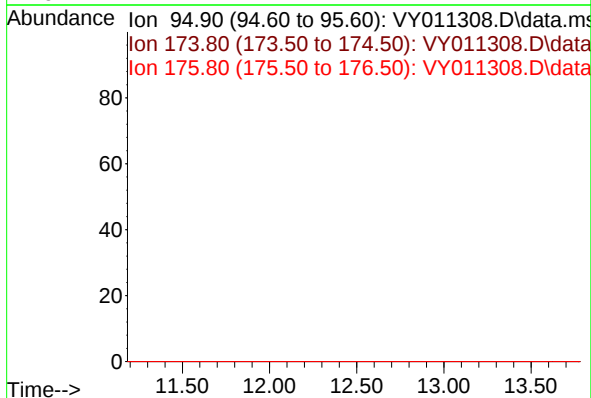
Tgt Ion: 98 Resp: 290
Ion Ratio Lower Upper
98 100
100 68.6 50.2 75.2

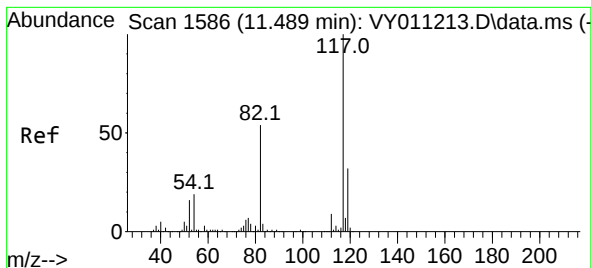


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY011308.D
Acq: 04 Nov 2022 19:24

Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY011308.D

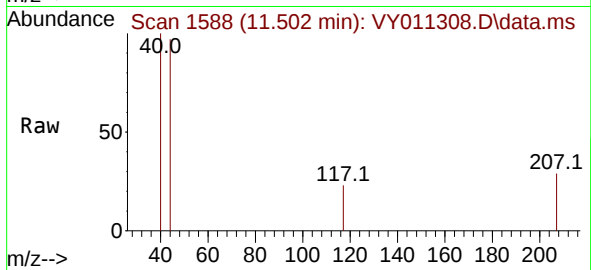
Acq: 04 Nov 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-11RE



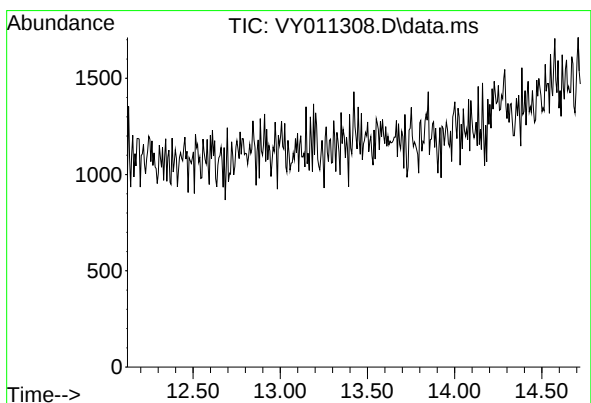
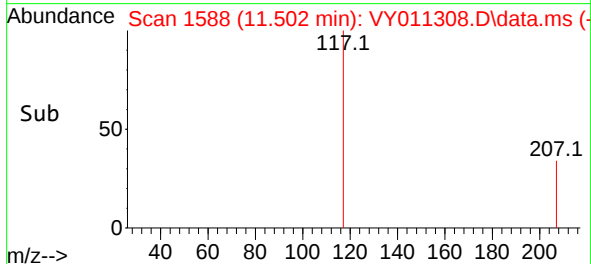
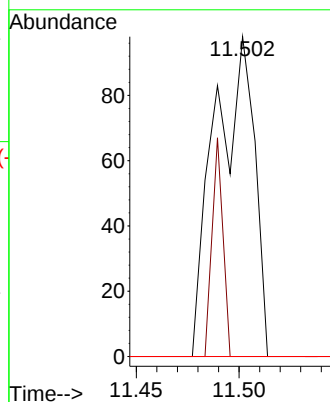
Tgt Ion:117 Resp: 131

Ion Ratio Lower Upper

117 100

82 0.0 43.0 64.4#

119 0.0 25.4 38.0#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.42 min

Lab File: VY011308.D

Acq: 04 Nov 2022 19:24

Tgt Ion: 152

Sig Exp Ratio

152 100

115 56.5

150 173.8

