

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012066.D
 Acq On : 04 Jan 2023 13:13
 Operator : KP/MD
 Sample : N6241-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-2-122922RE

Quant Time: Jan 05 00:40:49 2023
 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	7.795	168	3024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0m	50.000	ug/l	-13.43

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2533	83.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.280%#
35) Dibromofluoromethane	7.716	113	811	23.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.240%#
50) Toluene-d8	10.179	98	6620	47.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.483	95	1846	39.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.800%

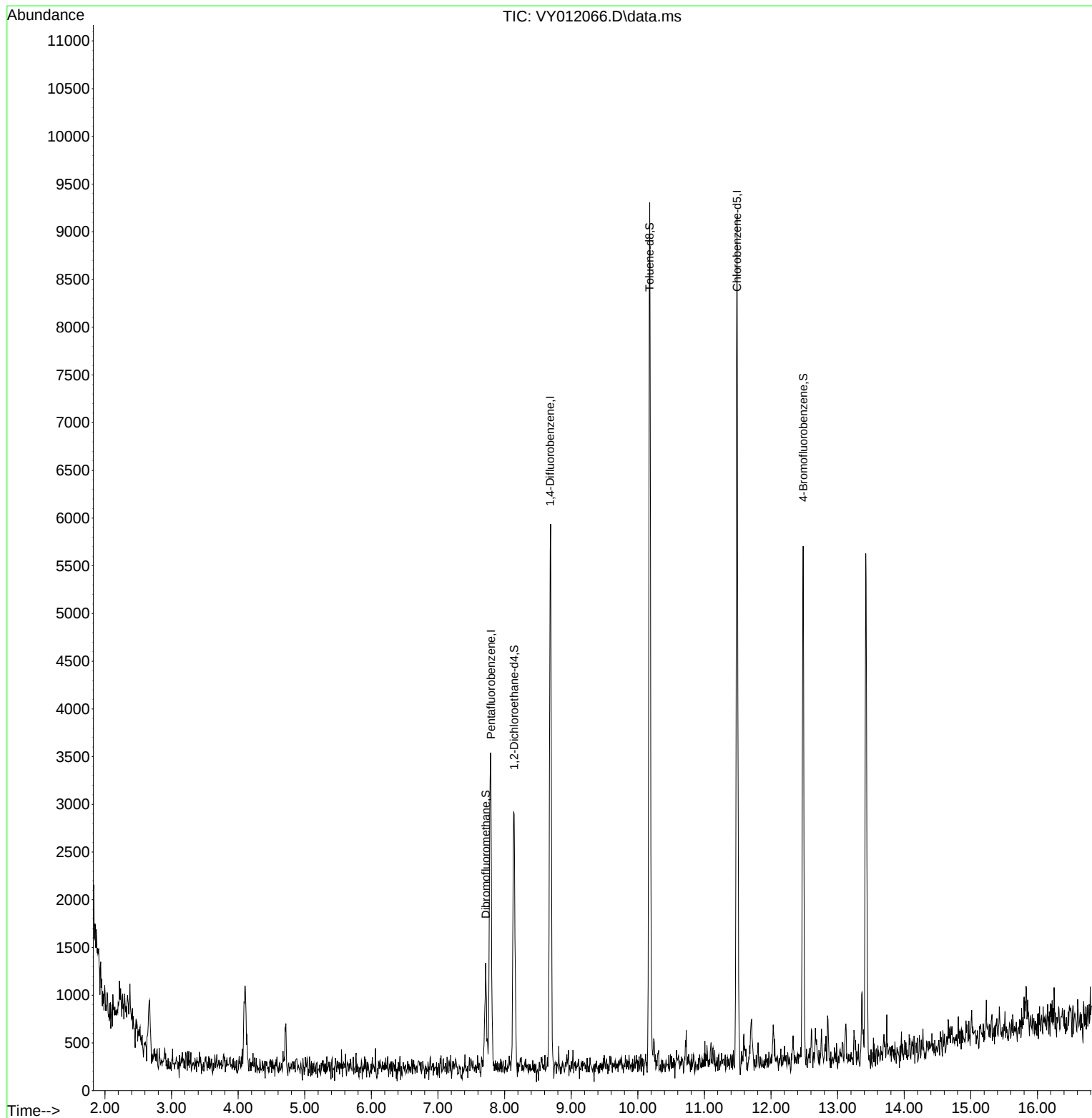
Target Compounds	Qvalue

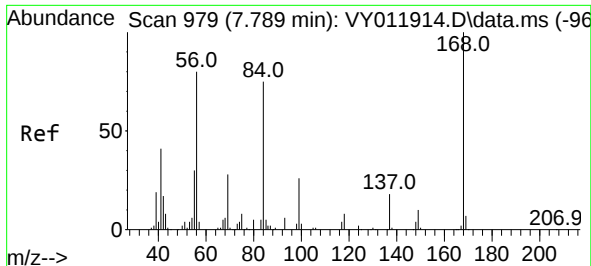
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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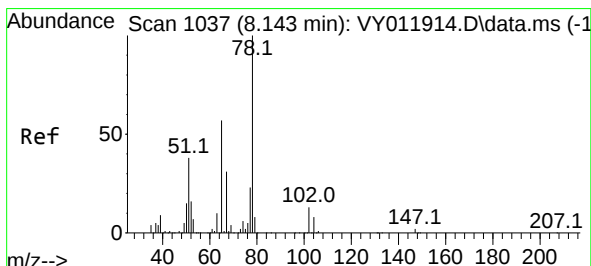
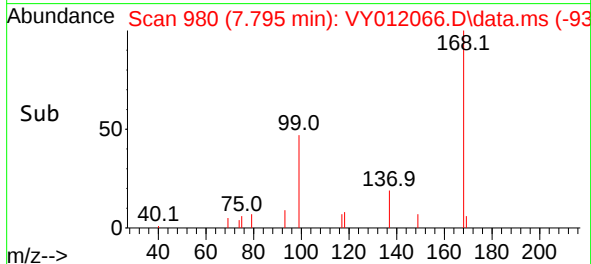
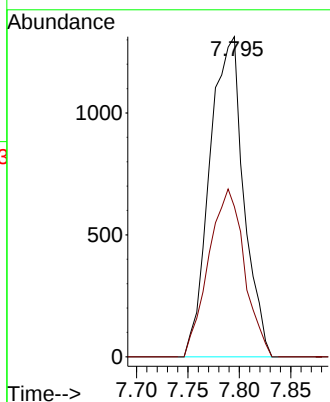
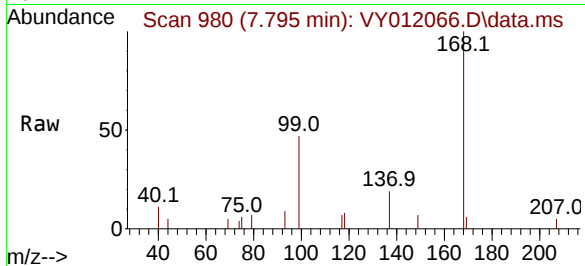




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012066.D
Acq: 04 Jan 2023 13:13

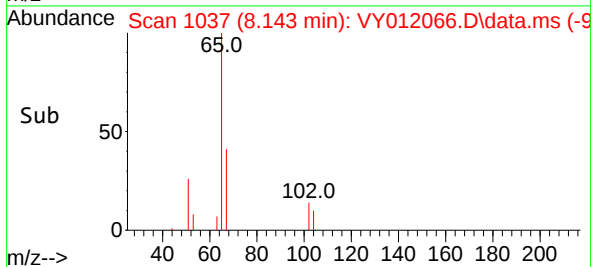
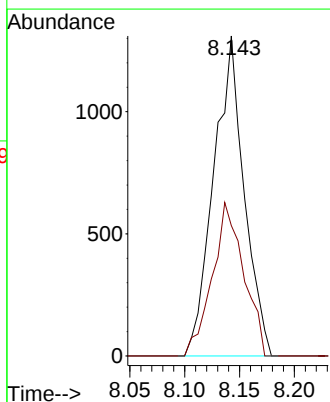
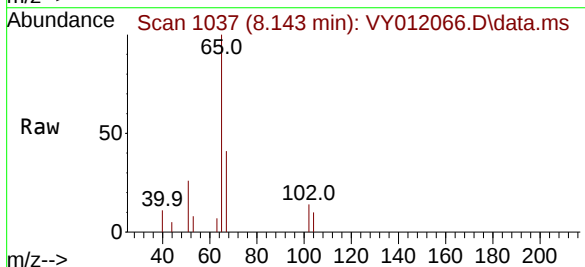
Instrument :
MSVOA_Y
ClientSampleId :
SU-2-122922RE

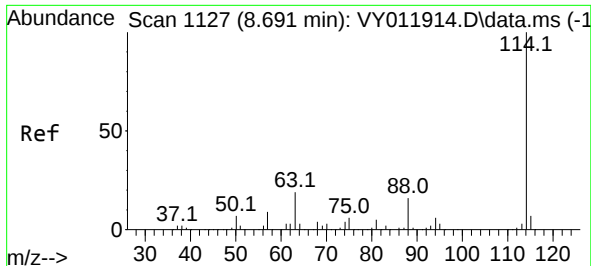
Tgt Ion:168 Resp: 3024
Ion Ratio Lower Upper
168 100
99 46.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 83.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012066.D
Acq: 04 Jan 2023 13:13

Tgt Ion: 65 Resp: 2533
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012066.D

Acq: 04 Jan 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

SU-2-122922RE

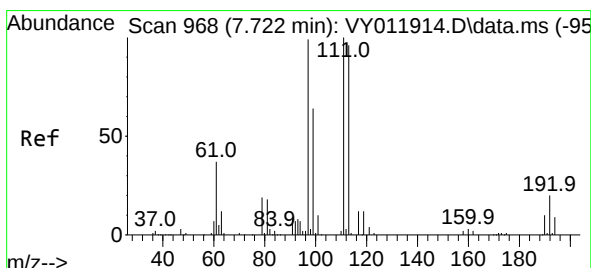
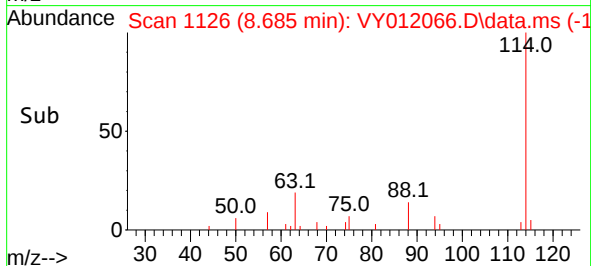
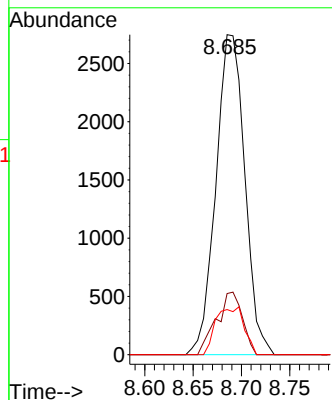
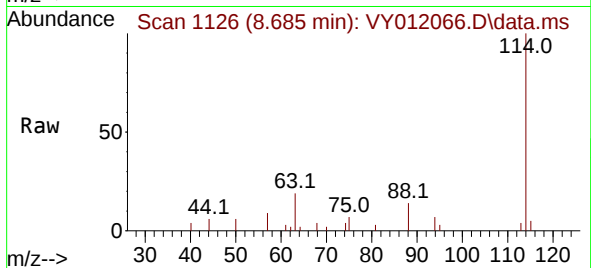
Tgt Ion:114 Resp: 5703

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 14.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 23.621 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012066.D

Acq: 04 Jan 2023 13:13

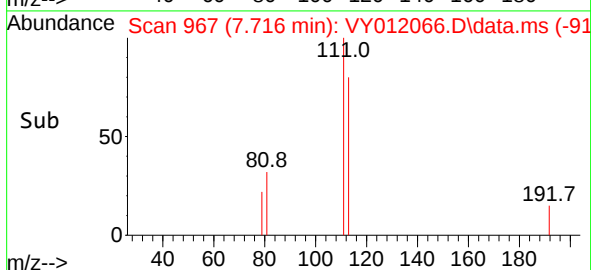
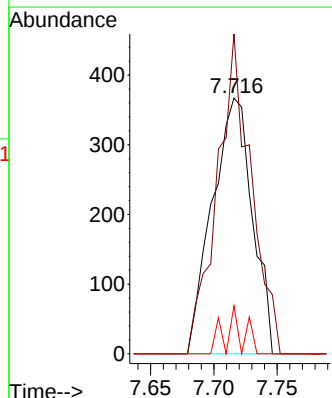
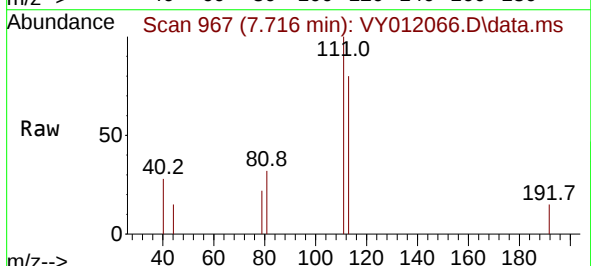
Tgt Ion:113 Resp: 811

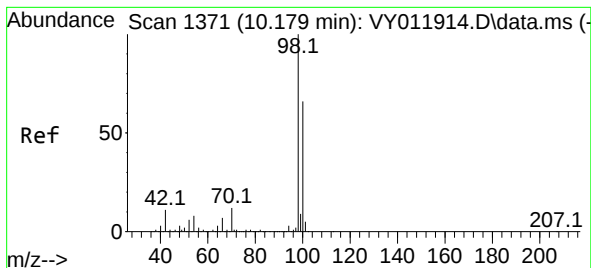
Ion Ratio Lower Upper

113 100

111 105.2 83.0 124.4

192 5.5 16.0 24.0#

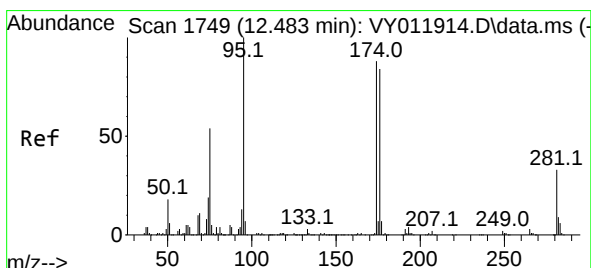
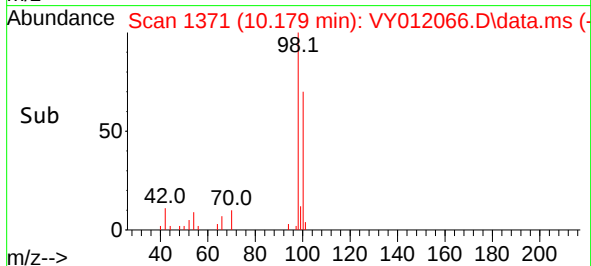
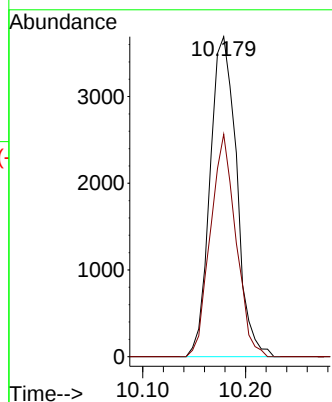
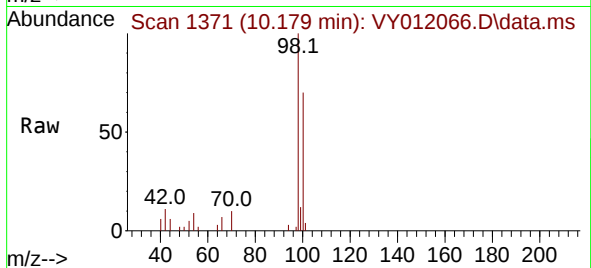




#50
Toluene-d8
Concen: 47.523 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012066.D
Acq: 04 Jan 2023 13:13

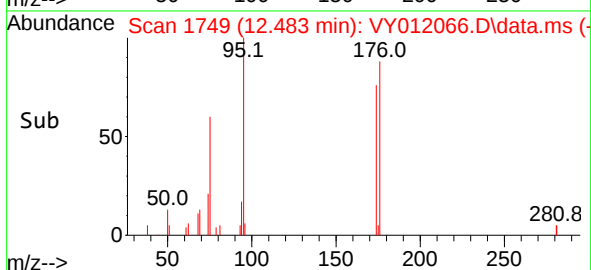
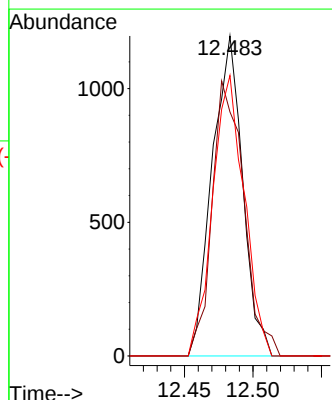
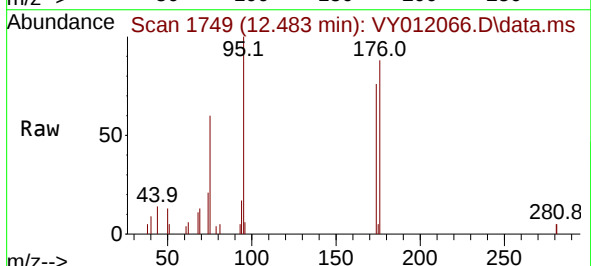
Instrument :
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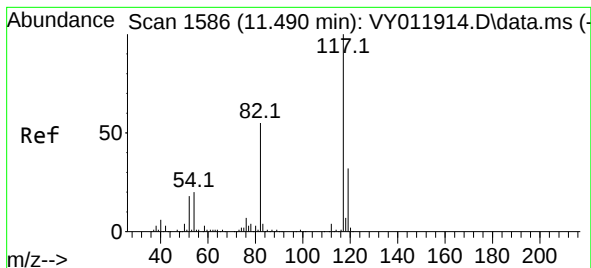
Tgt Ion: 98 Resp: 6620
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012066.D
Acq: 04 Jan 2023 13:13

Tgt Ion: 95 Resp: 1846
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.0
176 91.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012066.D

Acq: 04 Jan 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

SU-2-122922RE

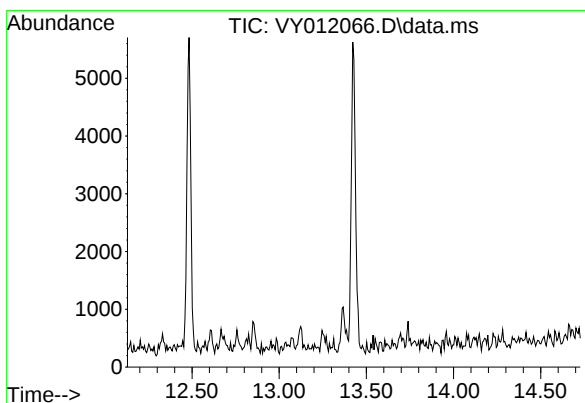
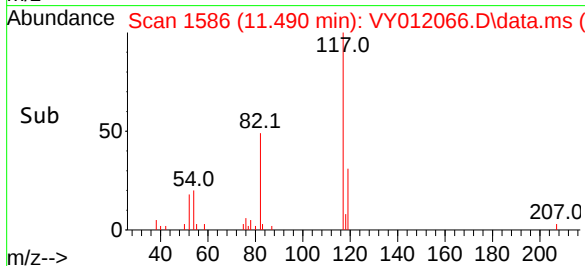
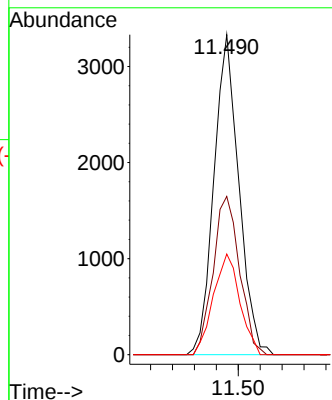
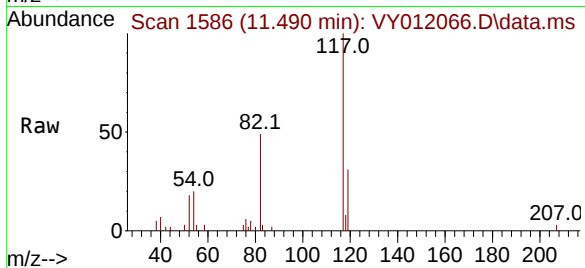
Tgt Ion:117 Resp: 5256

Ion Ratio Lower Upper

117 100

82 49.4 44.8 67.2

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.43 min

Lab File: VY012066.D

Acq: 04 Jan 2023 13:13

Tgt Ion: 152

Sig Exp Ratio

152 100

115 58.2

150 171.3

