

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010108.D
 Acq On : 19 Aug 2022 17:04
 Operator : KP/MD
 Sample : N4200-01
 Misc : 11.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S13

Quant Time: Aug 22 02:42:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	89293	71.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.260%
35) Dibromofluoromethane	7.710	113	93601	59.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.420%
50) Toluene-d8	10.179	98	329795	56.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.300%
62) 4-Bromofluorobenzene	12.477	95	98897	47.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.260%

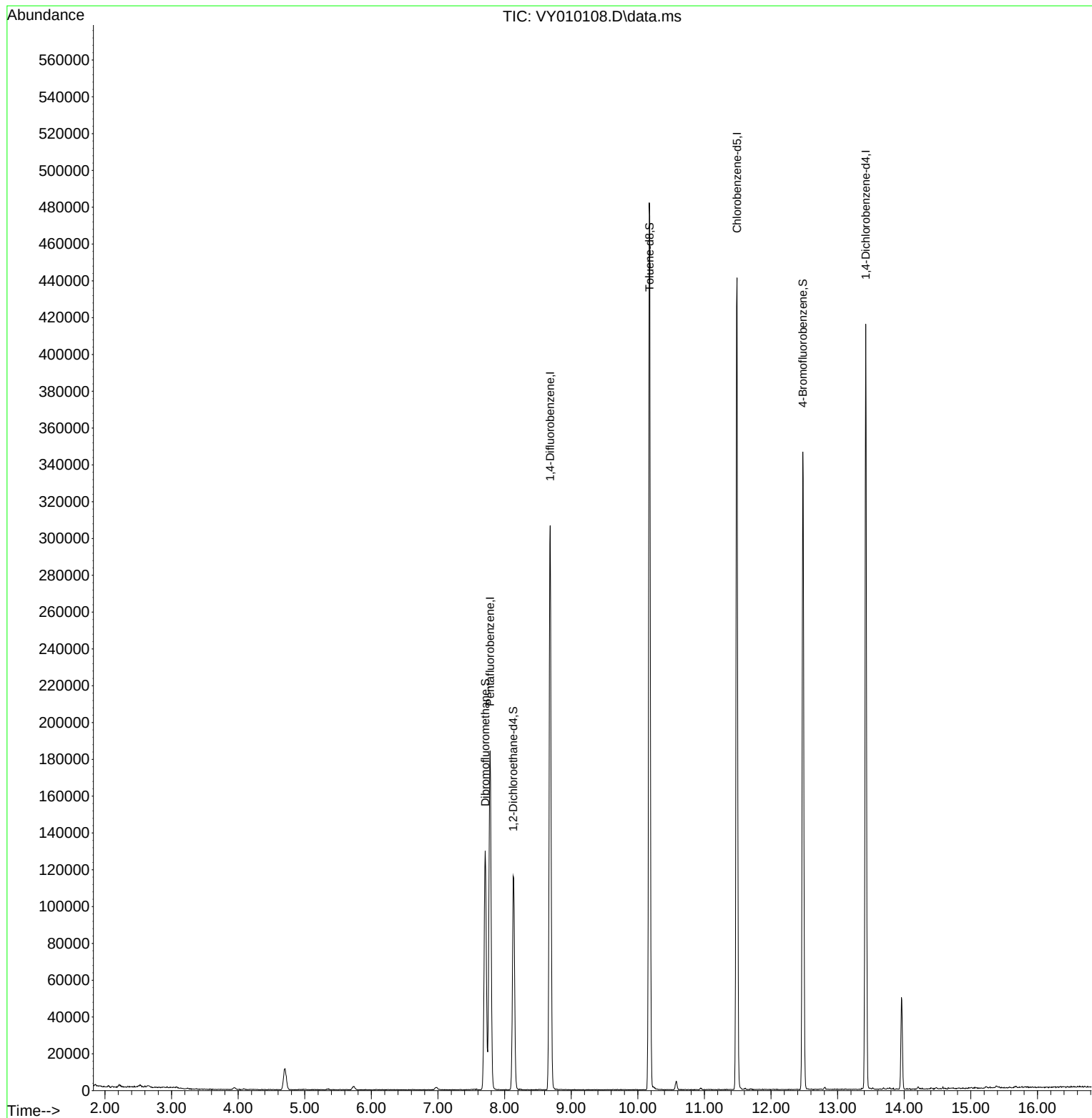
Target Compounds	Qvalue

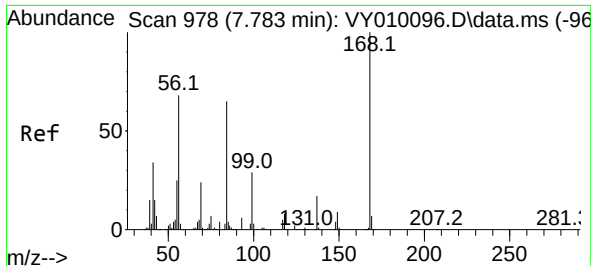
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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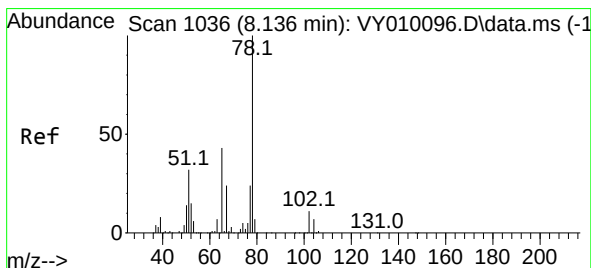
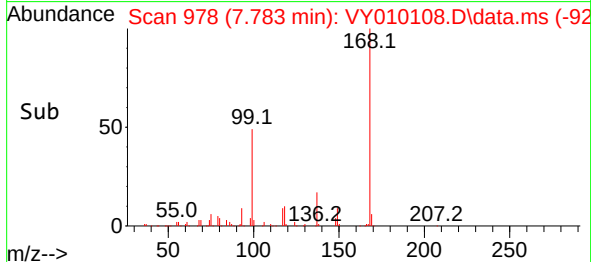
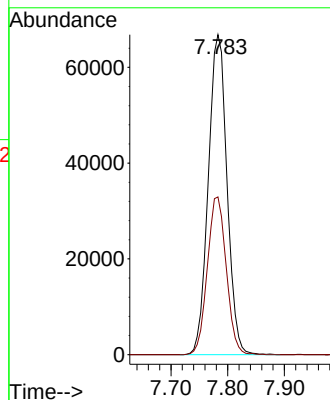
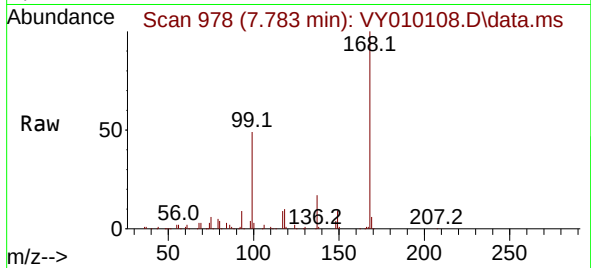




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010108.D
Acq: 19 Aug 2022 17:04

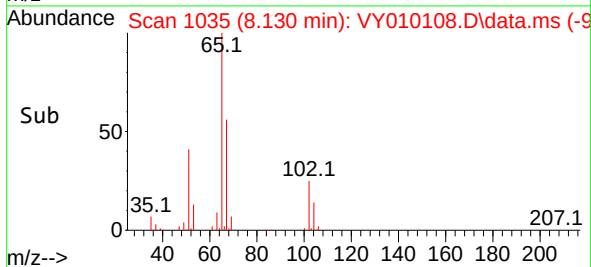
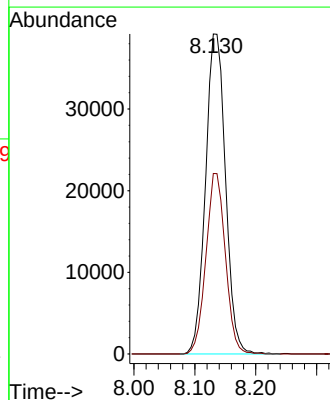
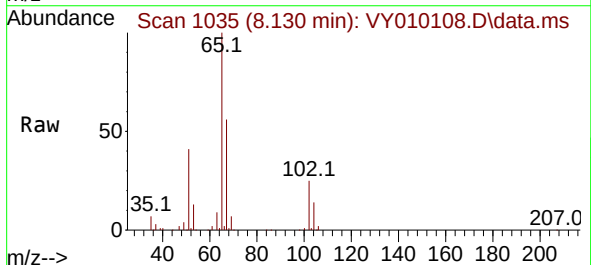
Instrument :
MSVOA_Y
ClientSampleId :
S13

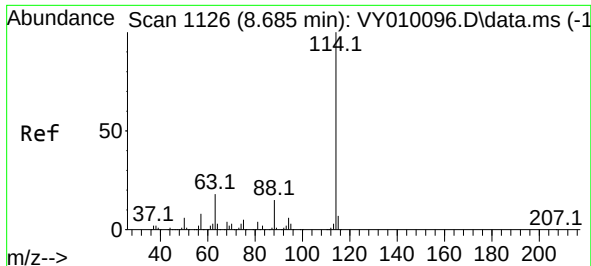
Tgt Ion:168 Resp: 153252
Ion Ratio Lower Upper
168 100
99 49.3 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 71.134 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY010108.D
Acq: 19 Aug 2022 17:04

Tgt Ion: 65 Resp: 89293
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010108.D

Acq: 19 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

S13

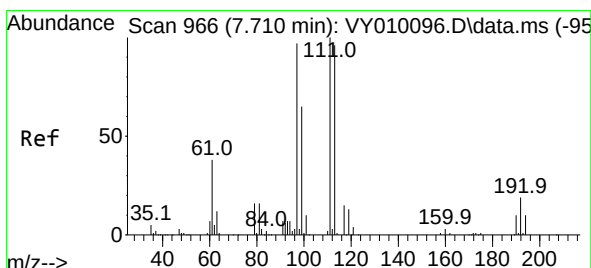
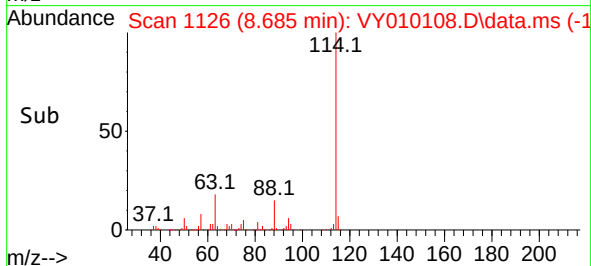
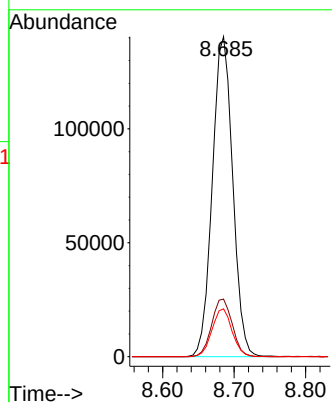
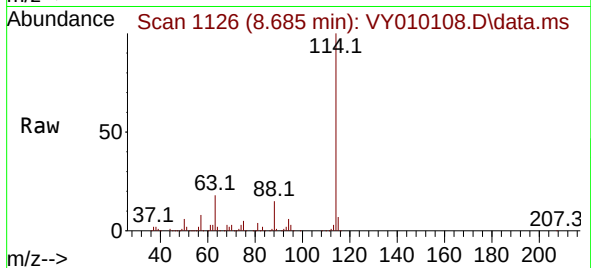
Tgt Ion:114 Resp: 278176

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 59.715 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010108.D

Acq: 19 Aug 2022 17:04

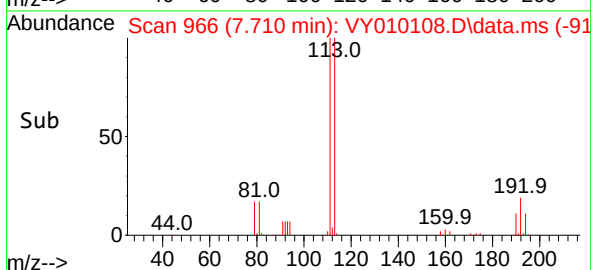
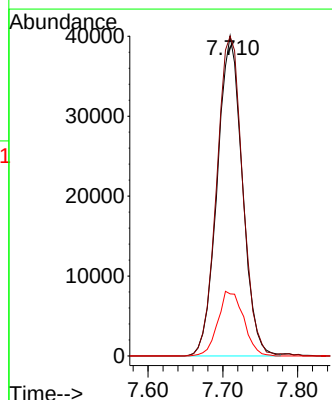
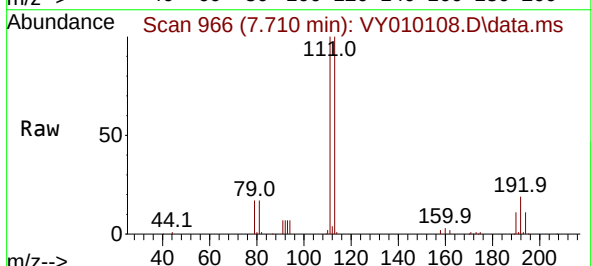
Tgt Ion:113 Resp: 93601

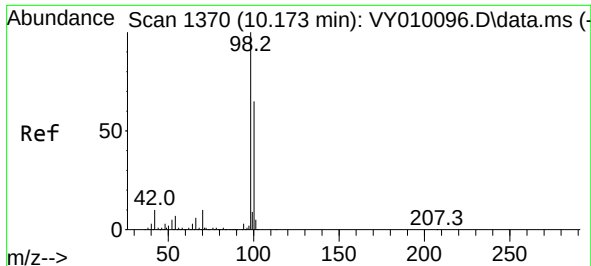
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 20.7 16.3 24.5

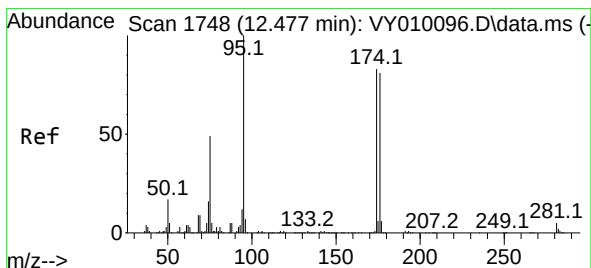
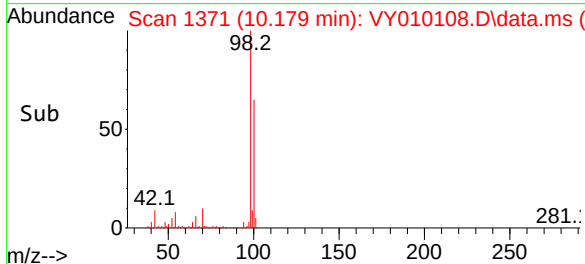
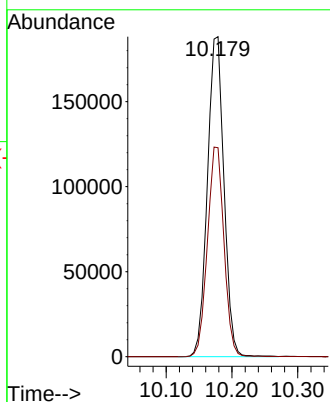
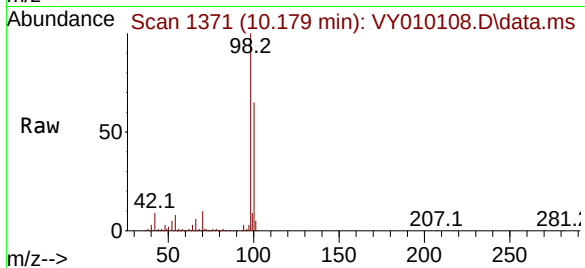




#50
Toluene-d8
Concen: 56.150 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010108.D
Acq: 19 Aug 2022 17:04

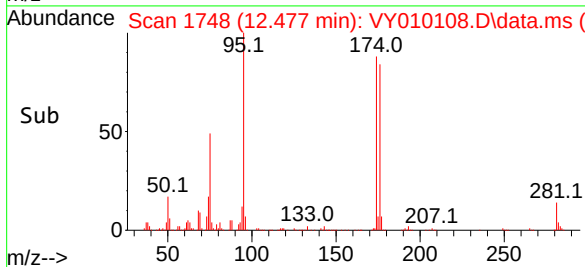
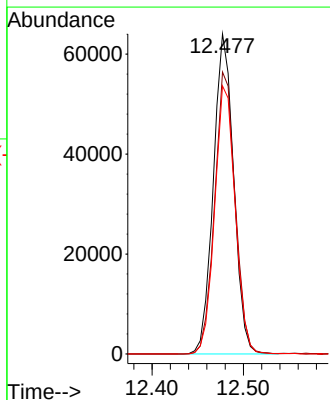
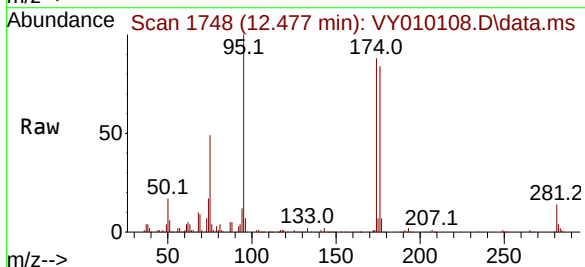
Instrument :
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S13

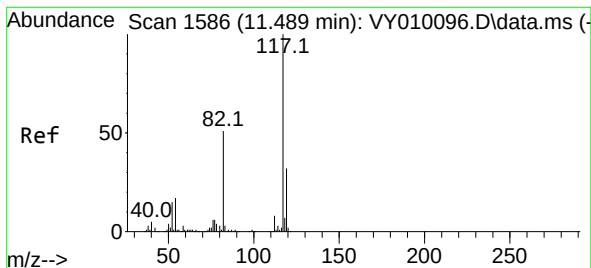
Tgt Ion: 98 Resp: 329795
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.127 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010108.D
Acq: 19 Aug 2022 17:04

Tgt Ion: 95 Resp: 98897
Ion Ratio Lower Upper
95 100
174 89.3 0.0 173.8
176 84.8 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010108.D

Acq: 19 Aug 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

S13

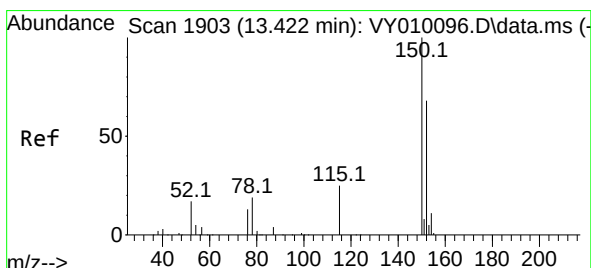
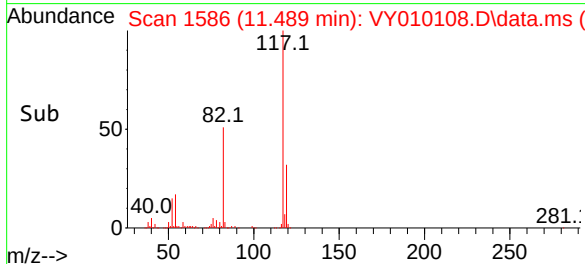
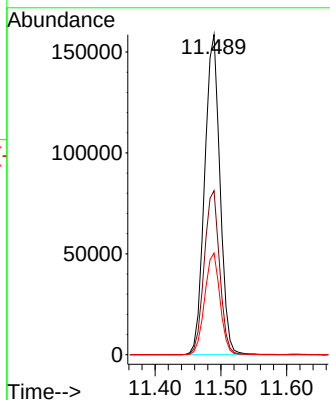
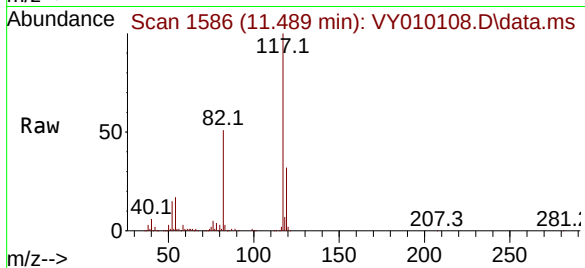
Tgt Ion:117 Resp: 257419

Ion Ratio Lower Upper

117 100

82 51.3 40.6 61.0

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010108.D

Acq: 19 Aug 2022 17:04

Tgt Ion:152 Resp: 108695

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 158.9 0.0 346.2

