

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008459.D
 Acq On : 22 Apr 2022 13:04
 Operator : KP/MD
 Sample : N2511-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1526

Quant Time: Apr 23 01:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	100799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56381	47.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.080%
35) Dibromofluoromethane	7.716	113	57968	50.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.179	98	217460	47.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.483	95	71795	46.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.120%

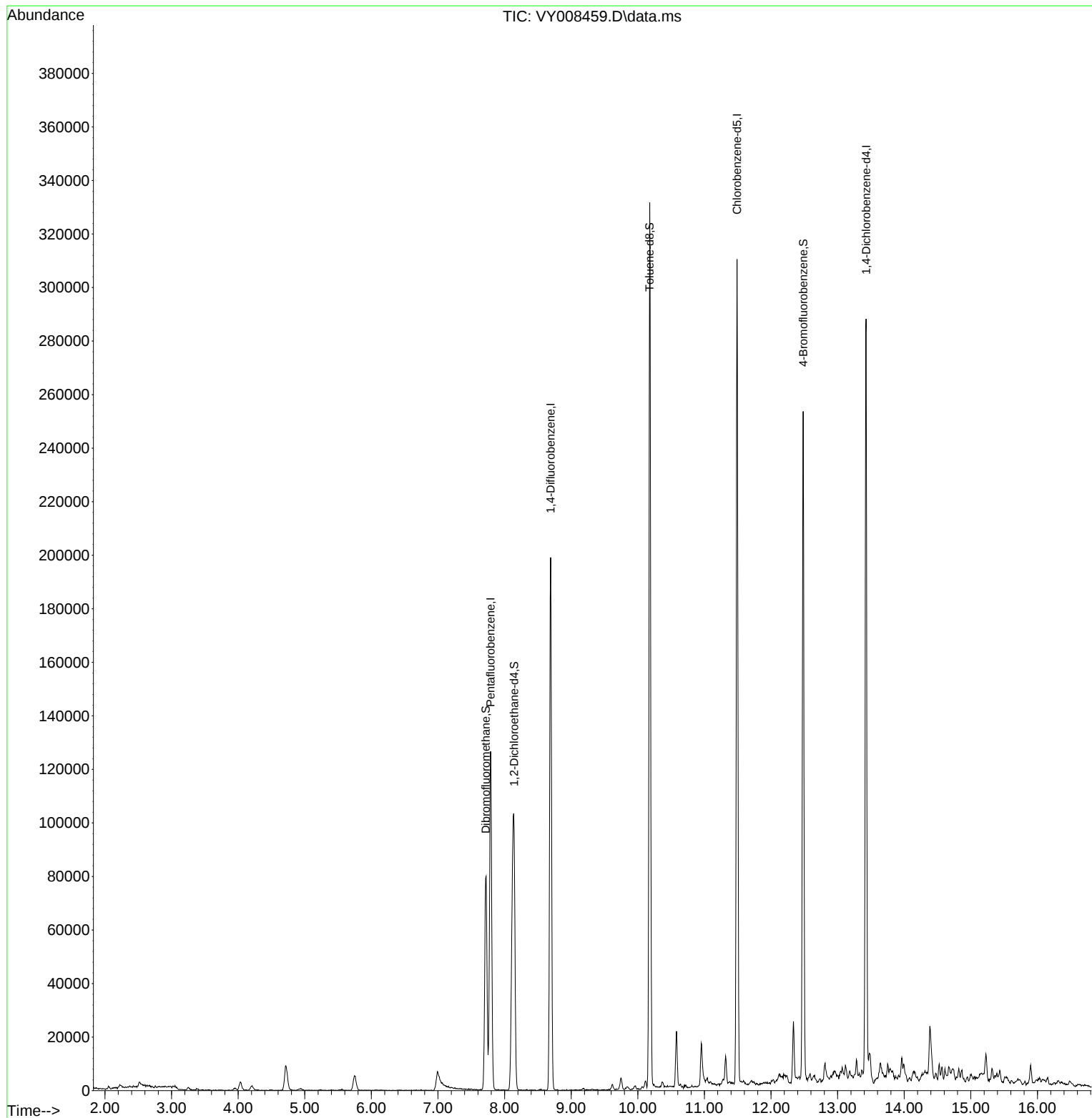
Target Compounds	Qvalue

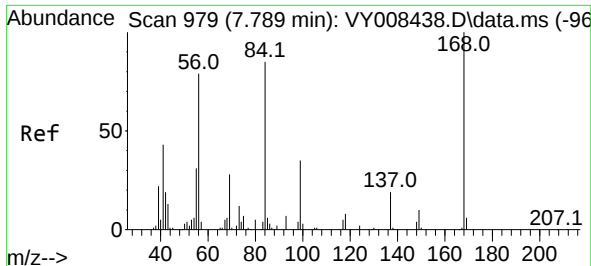
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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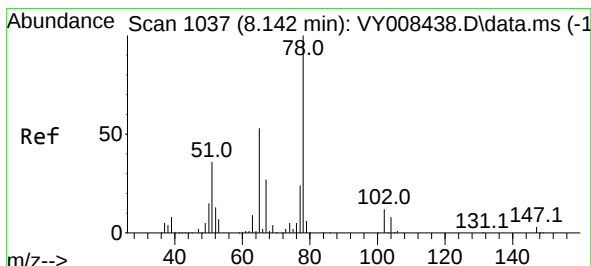
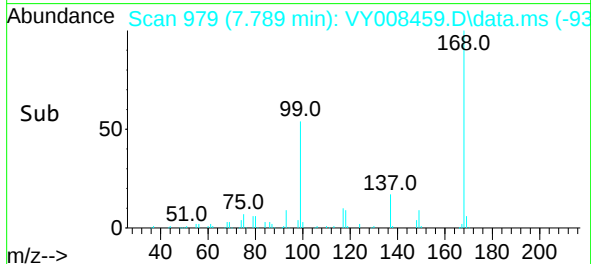
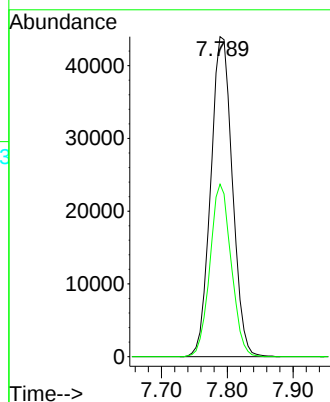
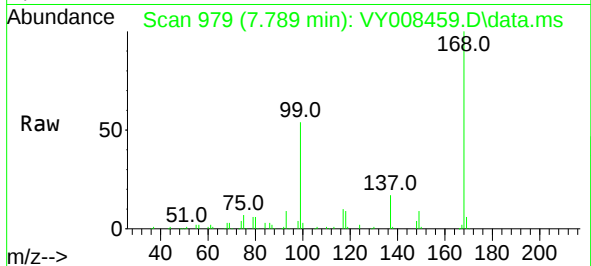




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

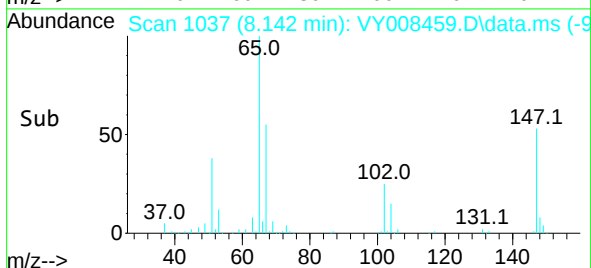
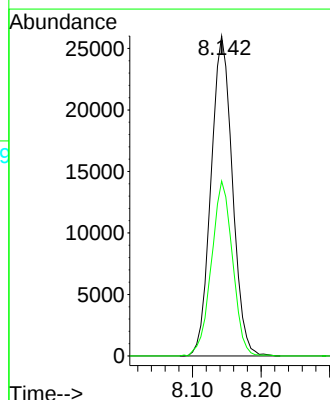
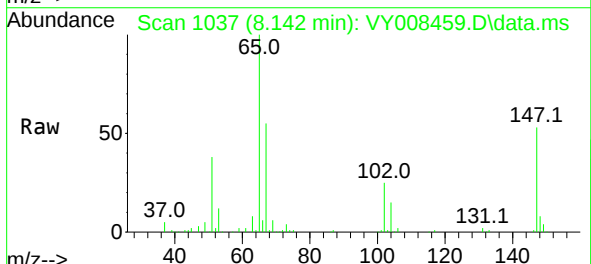
Instrument :
MSVOA_Y
ClientSampleId :
1526

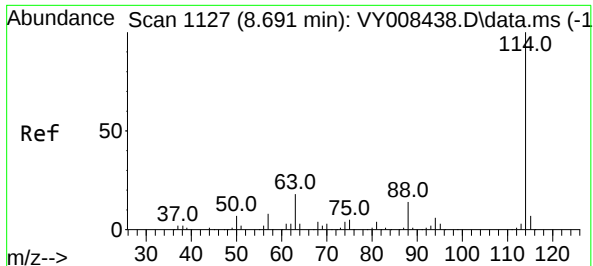
Tgt Ion:168 Resp: 100799
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.538 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 65 Resp: 56381
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

1526

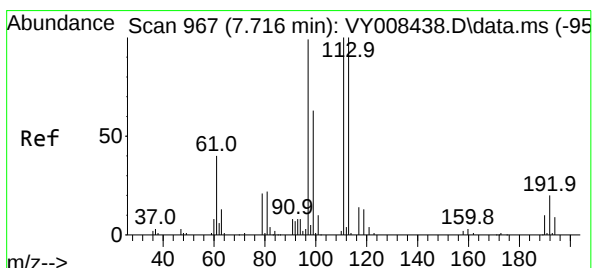
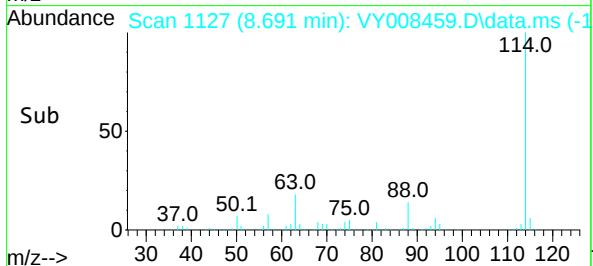
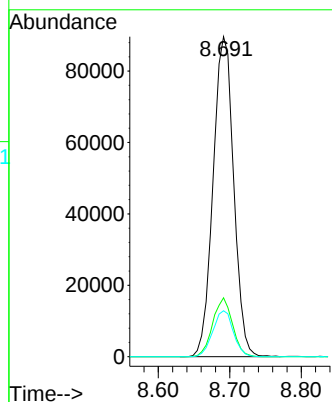
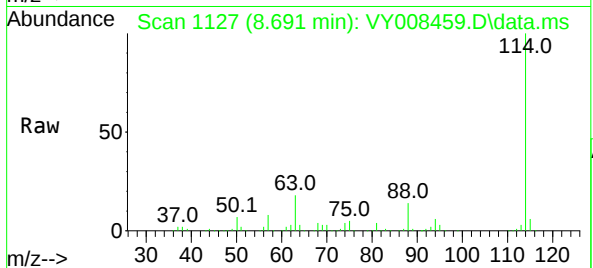
Tgt Ion:114 Resp: 179348

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.081 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

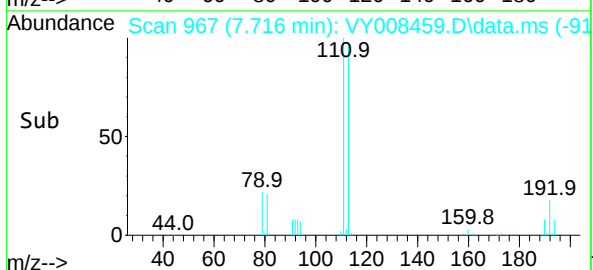
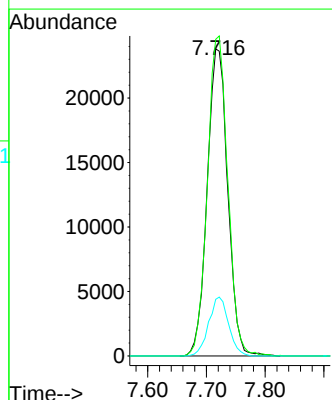
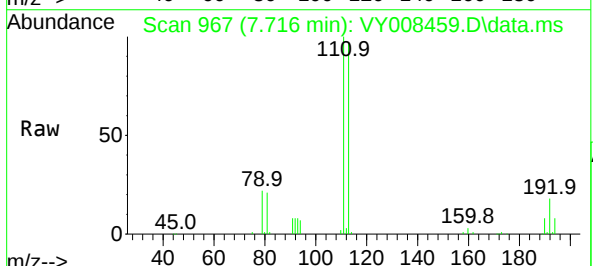
Tgt Ion:113 Resp: 57968

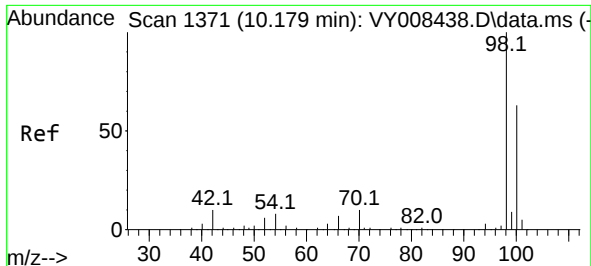
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

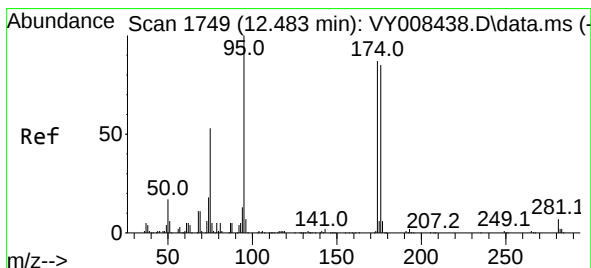
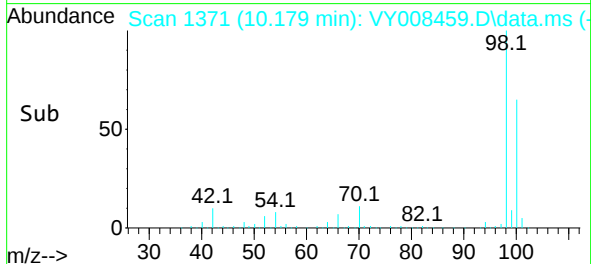
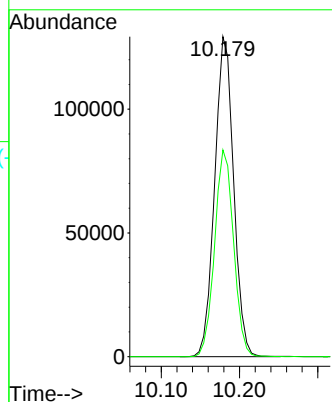
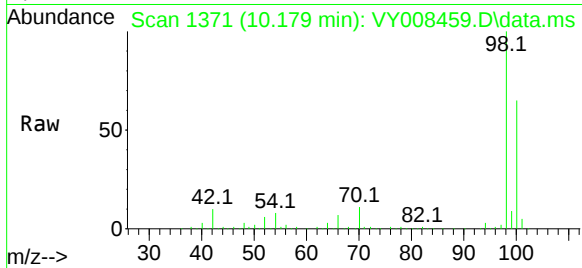




#50
Toluene-d8
Concen: 47.267 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

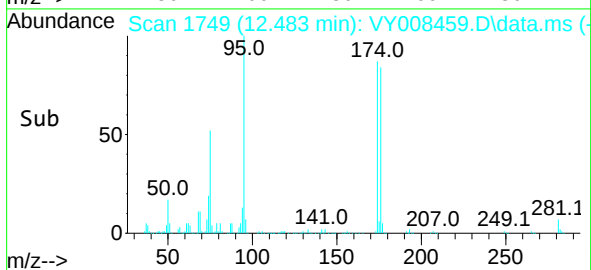
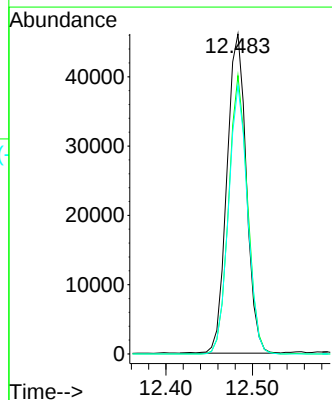
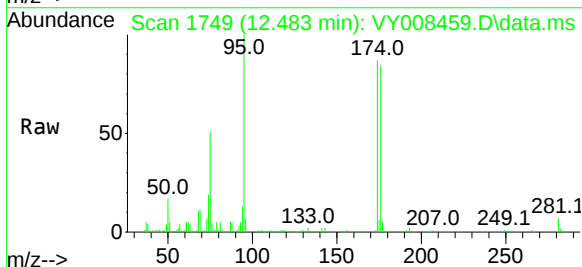
Instrument :
MSVOA_Y
ClientSampleId :
1526

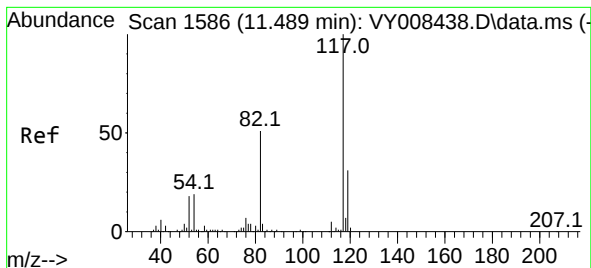
Tgt Ion: 98 Resp: 217460
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008459.D
Acq: 22 Apr 2022 13:04

Tgt Ion: 95 Resp: 71795
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11526

Delta R.T. 0.000 min

Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

1526

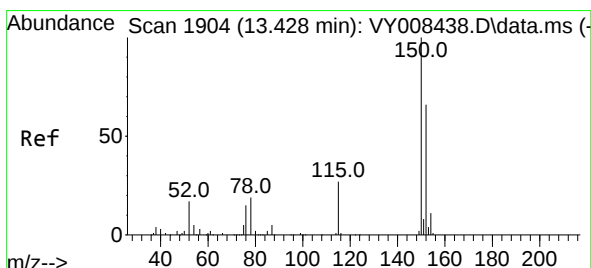
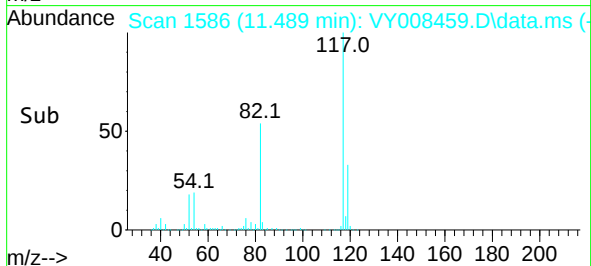
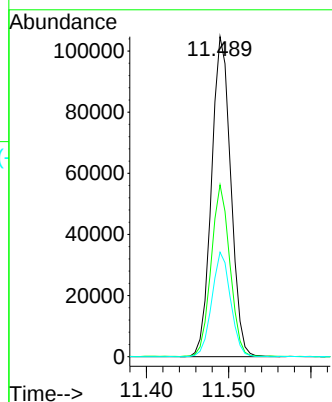
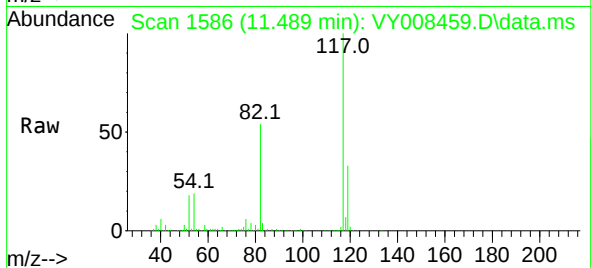
Tgt Ion:117 Resp: 170878

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008459.D

Acq: 22 Apr 2022 13:04

Tgt Ion:152 Resp: 72940

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 157.1 0.0 347.6

