

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008462.D
 Acq On : 22 Apr 2022 14:14
 Operator : KP/MD
 Sample : N2511-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1526-29

Quant Time: Apr 23 01:52:26 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	61569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	108030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40043	55.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.722	113	37526	50.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.320%
50) Toluene-d8	10.179	98	135571	46.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.200%
62) 4-Bromofluorobenzene	12.483	95	44509	44.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.240%

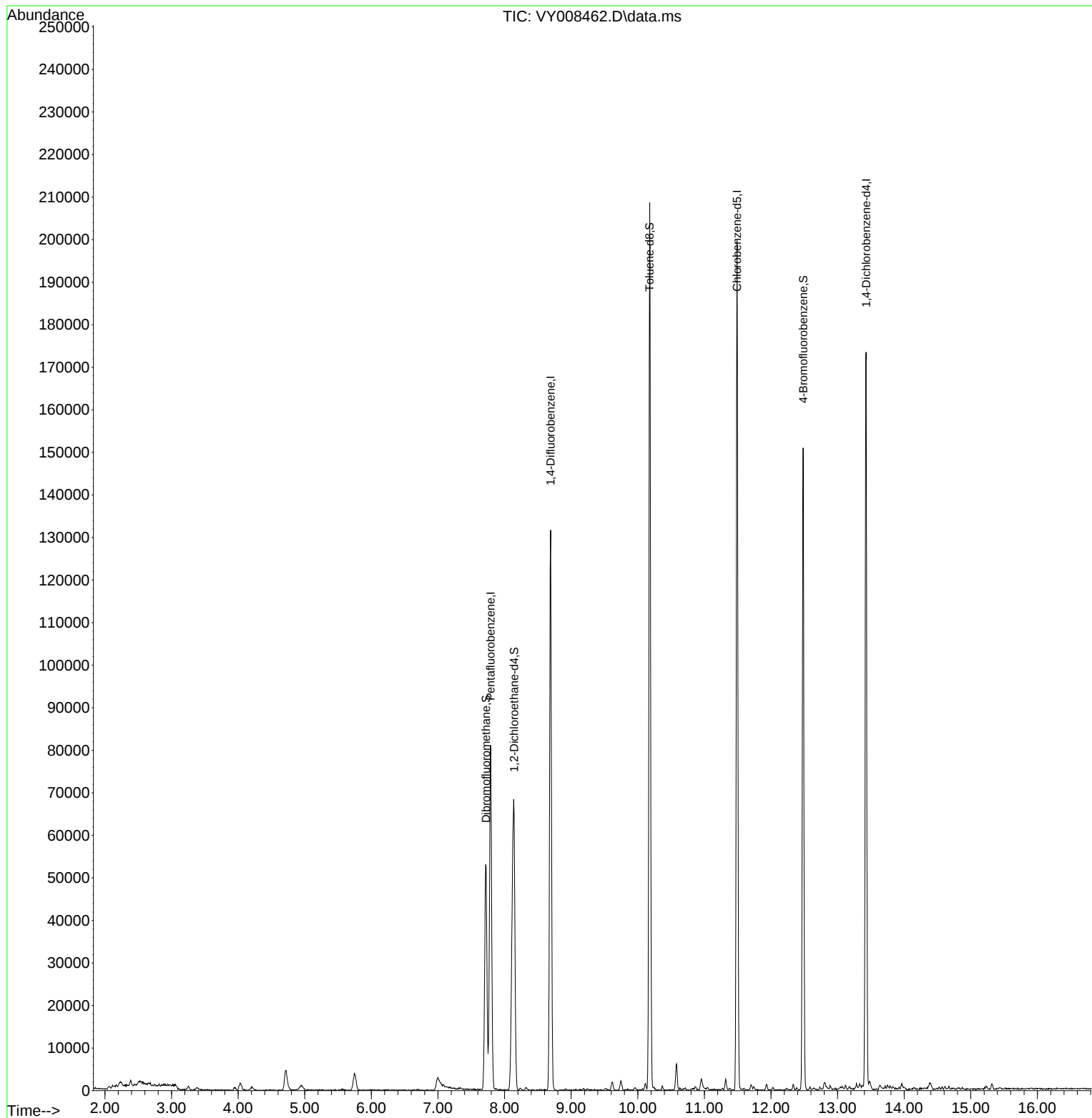
Target Compounds	Qvalue

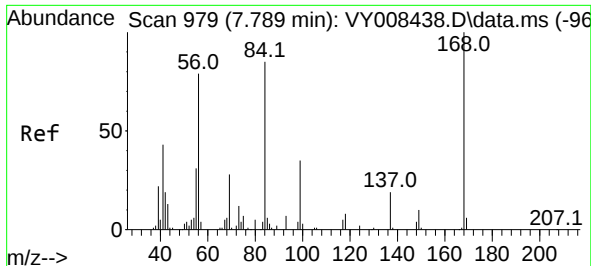
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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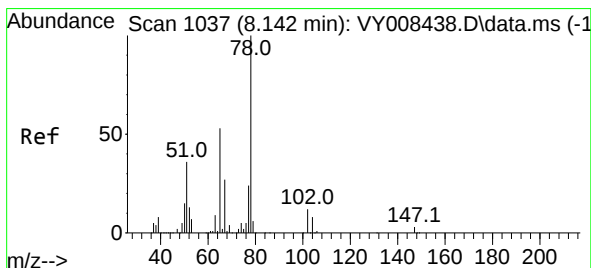
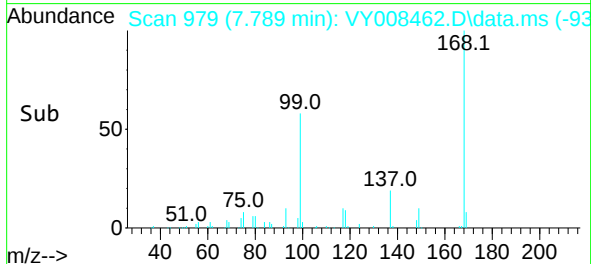
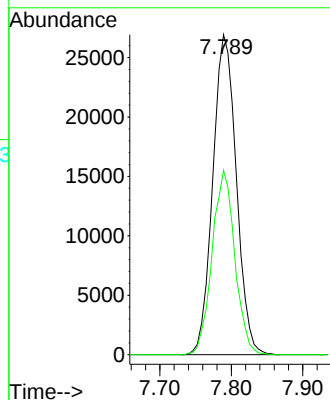
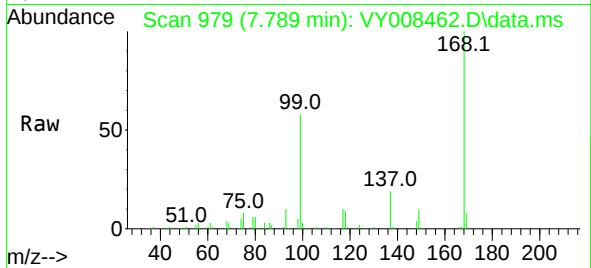




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

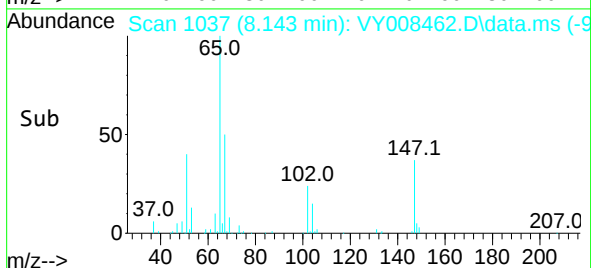
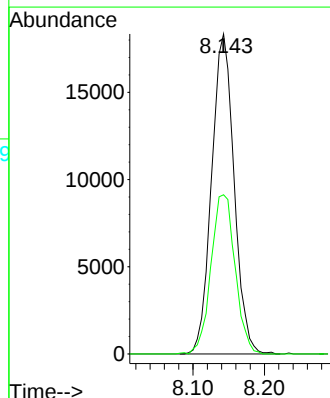
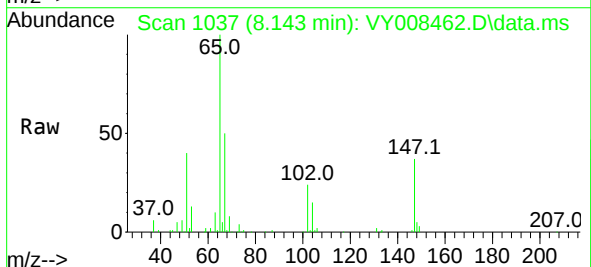
Instrument :
MSVOA_Y
ClientSampleId :
1526-29

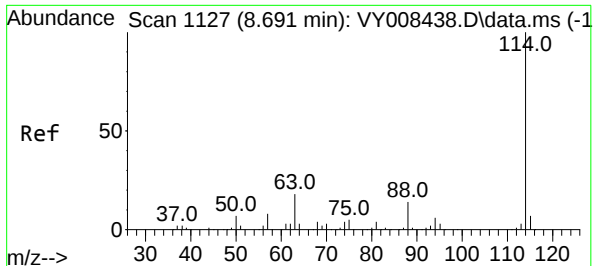
Tgt Ion:168 Resp: 61569
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.275 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Tgt Ion: 65 Resp: 40043
Ion Ratio Lower Upper
65 100
67 53.5 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: VY008462.D

Acq: 22 Apr 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

1526-29

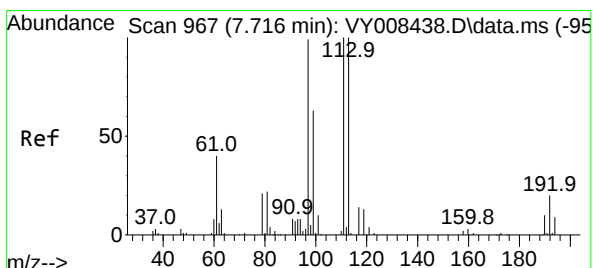
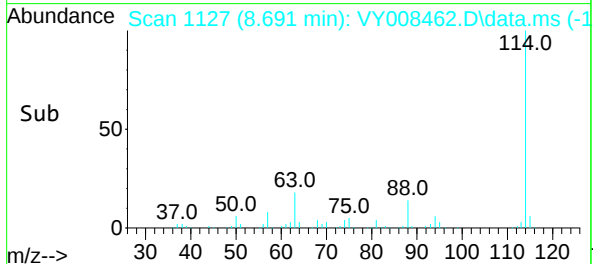
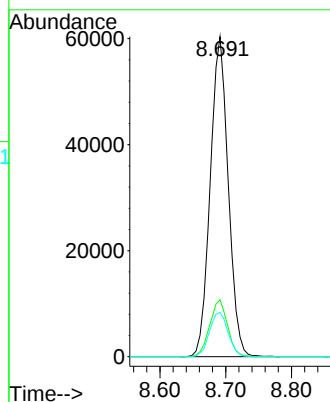
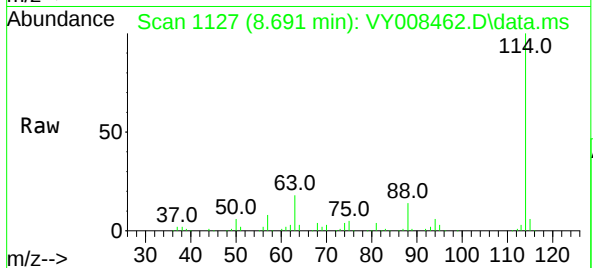
Tgt Ion:114 Resp: 114775

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008462.D

Acq: 22 Apr 2022 14:14

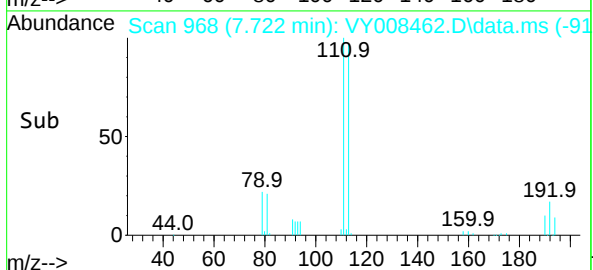
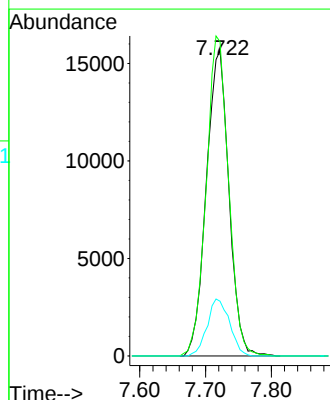
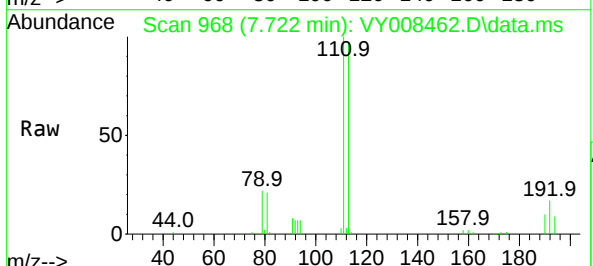
Tgt Ion:113 Resp: 37526

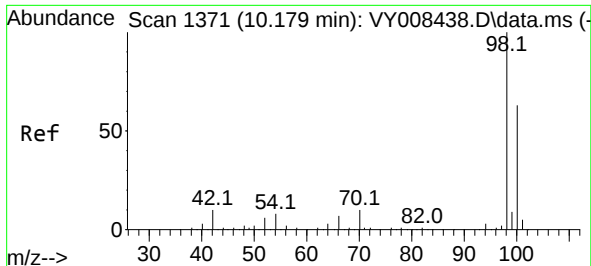
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.5 17.6 26.4

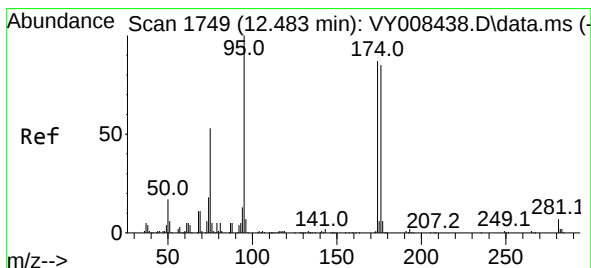
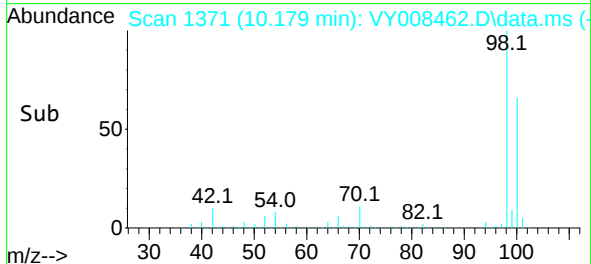
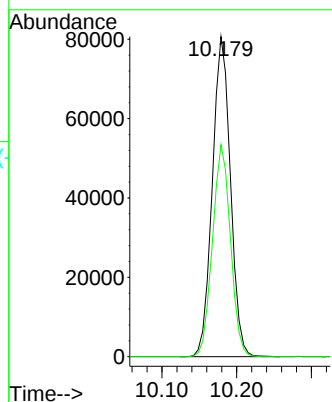
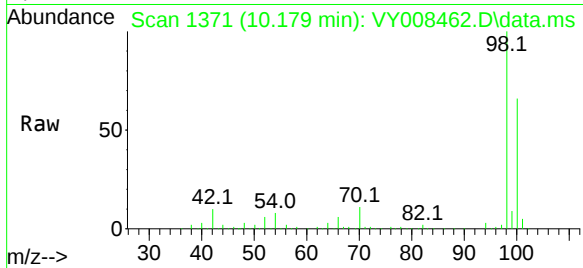




#50
Toluene-d8
Concen: 46.102 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

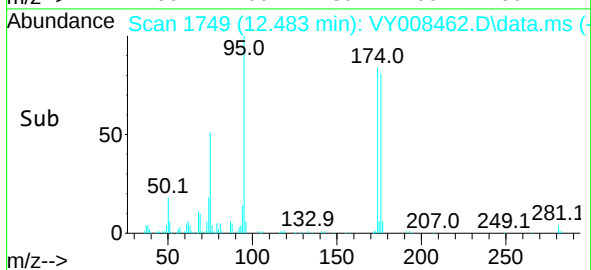
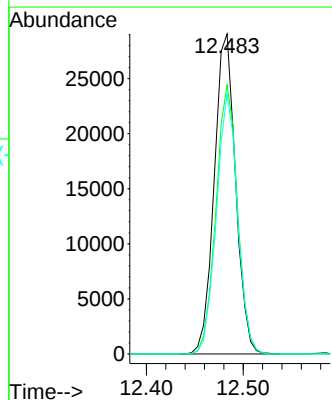
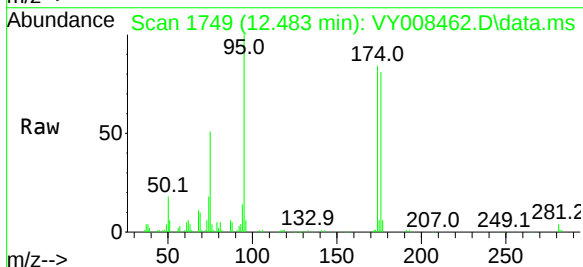
Instrument :
MSVOA_Y
ClientSampleId :
1526-29

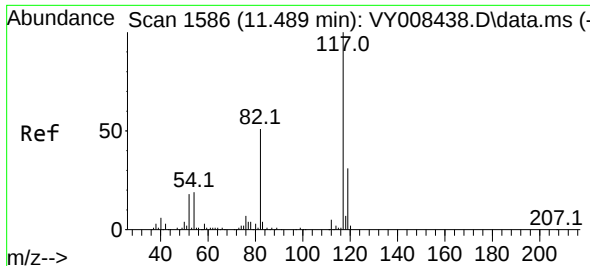
Tgt Ion: 98 Resp: 135571
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.623 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008462.D
Acq: 22 Apr 2022 14:14

Tgt Ion: 95 Resp: 44509
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 80.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008462.D

Acq: 22 Apr 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

1526-29

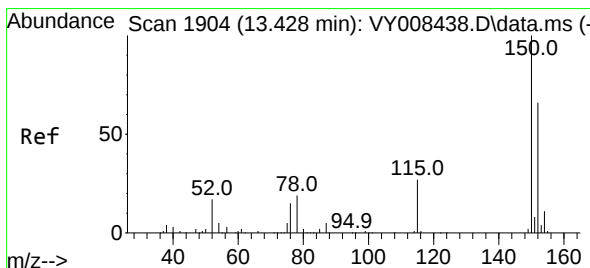
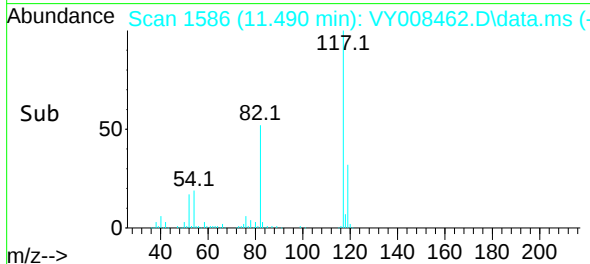
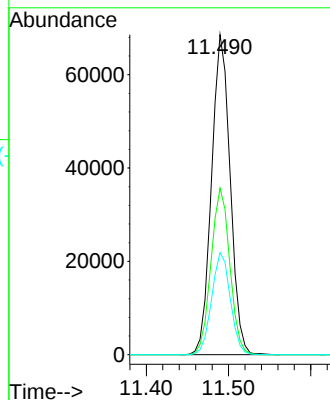
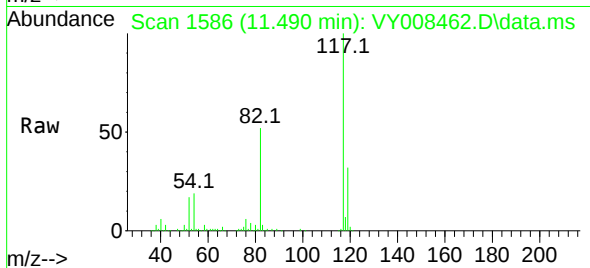
Tgt Ion:117 Resp: 108030

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

119 31.9 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: VY008462.D

Acq: 22 Apr 2022 14:14

Tgt Ion:152 Resp: 44662

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 158.2 0.0 347.6

