

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007723.D
 Acq On : 03 Mar 2022 23:46
 Operator : SY/MD
 Sample : N1730-02
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-4-SAMPLE-LOCATION-2

Quant Time: Mar 04 00:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	314603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	548518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	552807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	253987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184640	56.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.120%
35) Dibromofluoromethane	7.722	113	184403	52.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.160%
50) Toluene-d8	10.179	98	679372	52.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.483	95	233315	56.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.140%

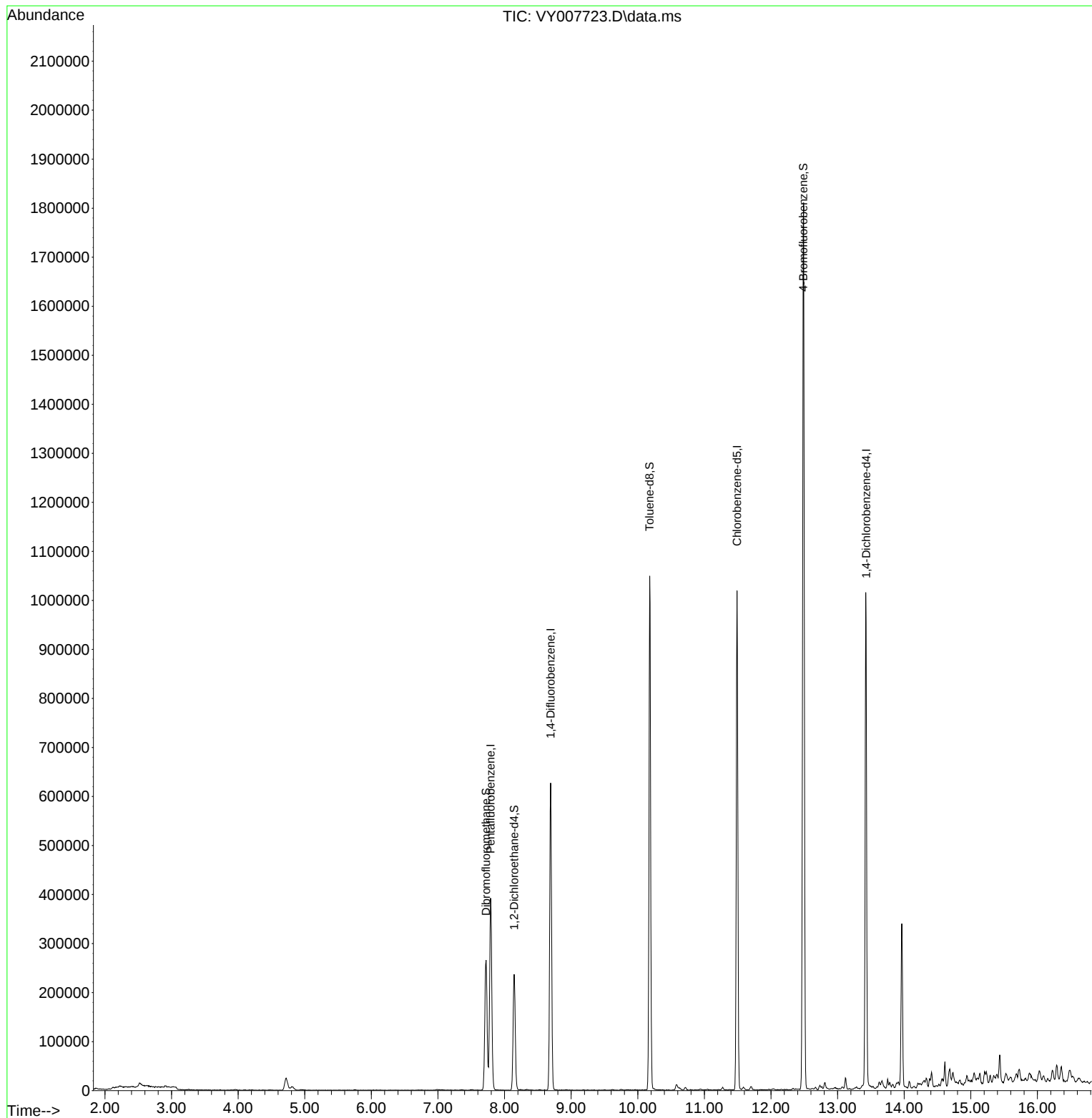
Target Compounds	Qvalue

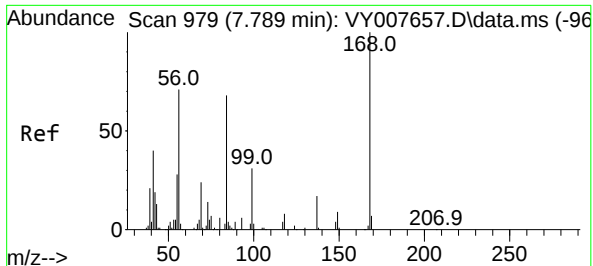
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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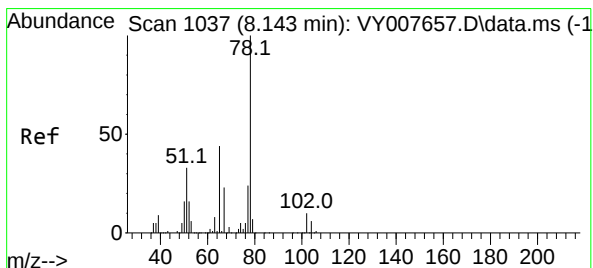
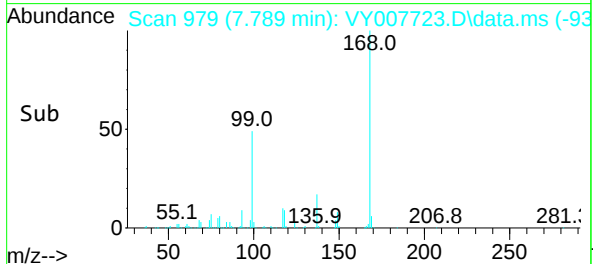
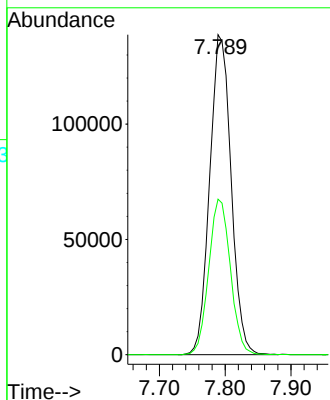
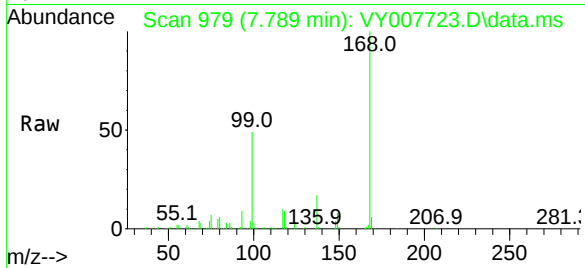




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

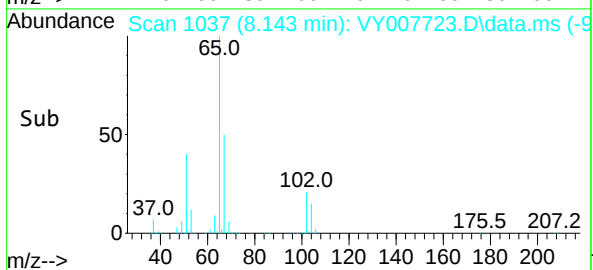
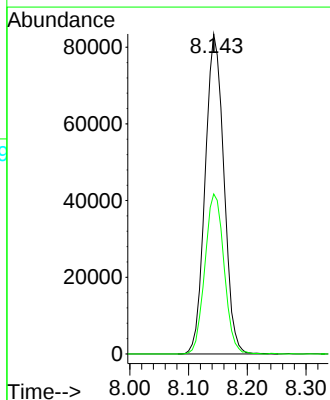
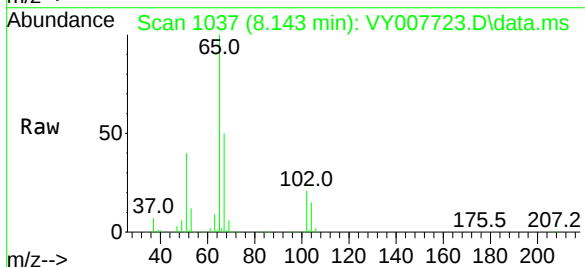
Instrument :
MSVOA_Y
ClientSampleId :
3-4-SAMPLE-LOCATION-2

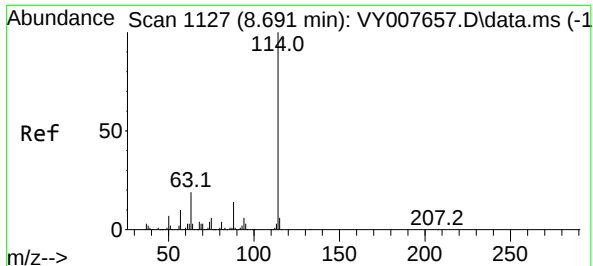
Tgt Ion:168 Resp: 314603
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.060 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 65 Resp: 184640
Ion Ratio Lower Upper
65 100
67 51.2 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: VY007723.D

Acq: 03 Mar 2022 23:46

Instrument :

MSVOA_Y

ClientSampleId :

3-4-SAMPLE-LOCATION-2

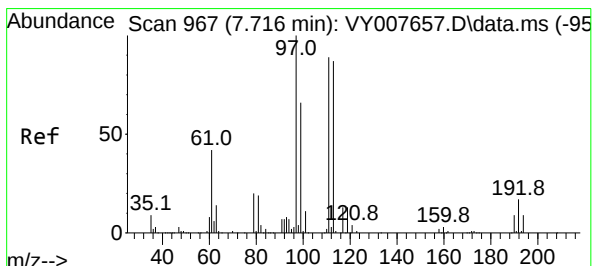
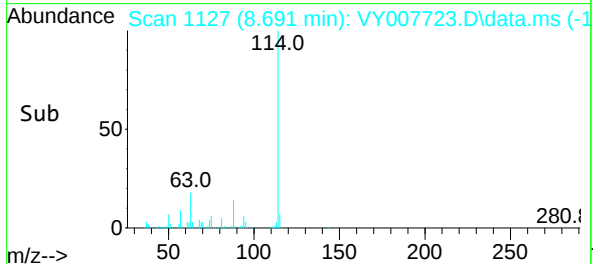
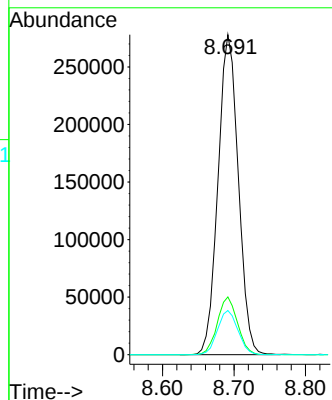
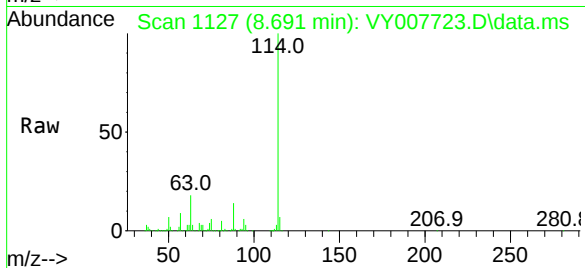
Tgt Ion:114 Resp: 548518

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.584 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

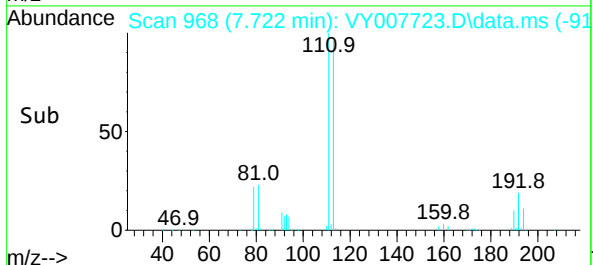
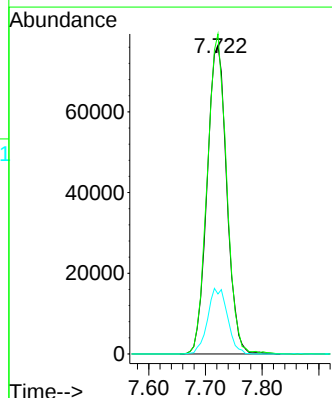
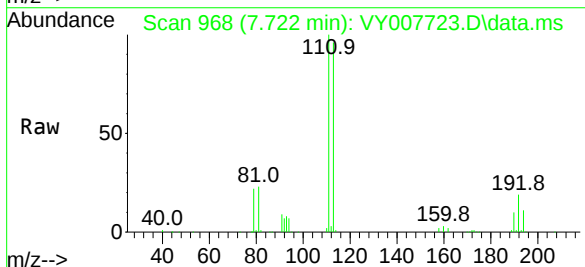
Tgt Ion:113 Resp: 184403

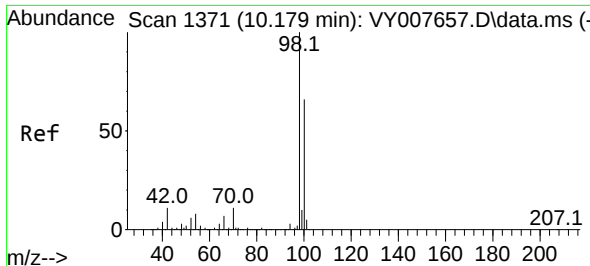
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.5 17.6 26.4

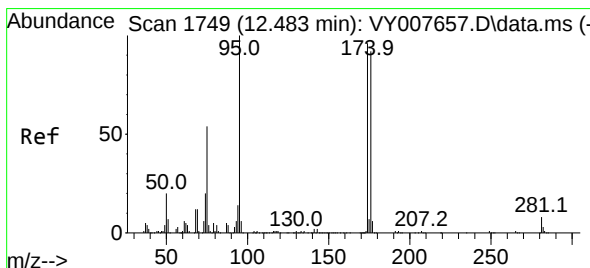
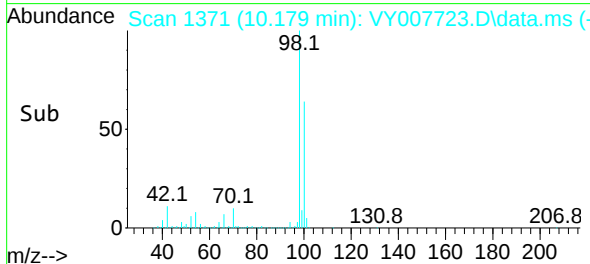
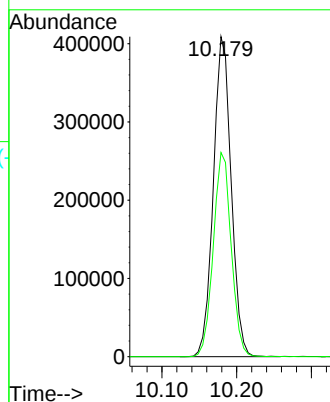
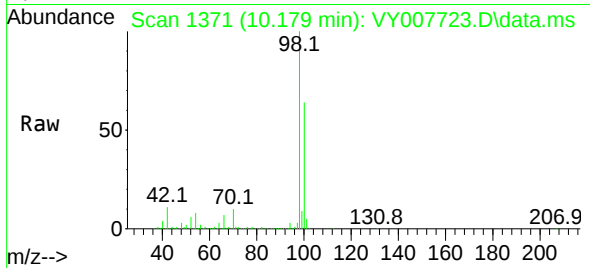




#50
Toluene-d8
Concen: 52.628 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

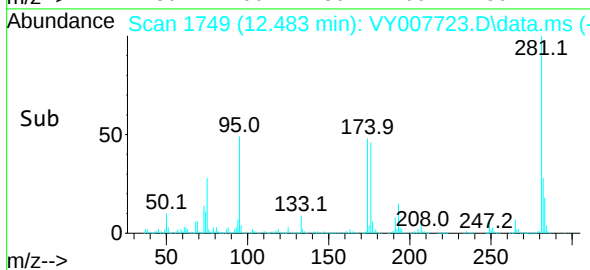
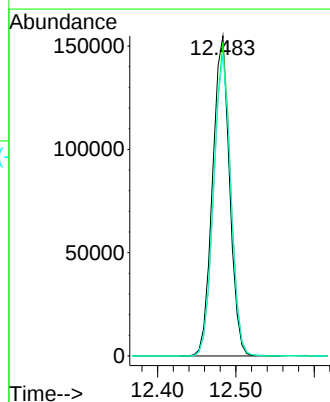
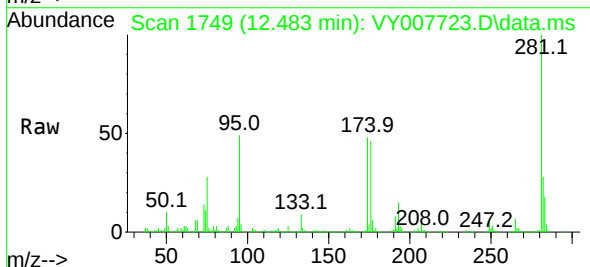
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3-4-SAMPLE-LOCATION-2

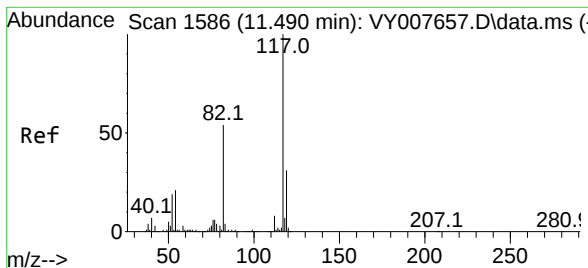
Tgt Ion: 98 Resp: 679372
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 95 Resp: 233315
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 95.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

Instrument :

MSVOA_Y

ClientSampleId :

3-4-SAMPLE-LOCATION-2

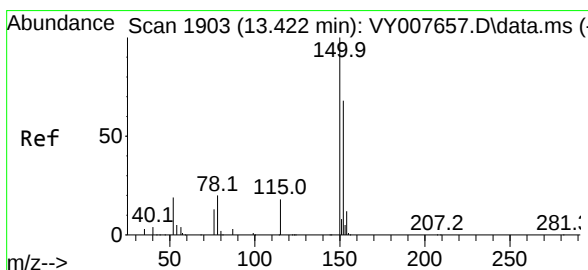
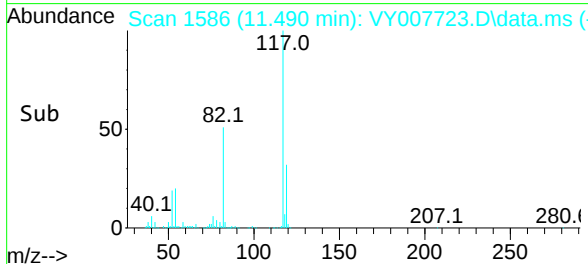
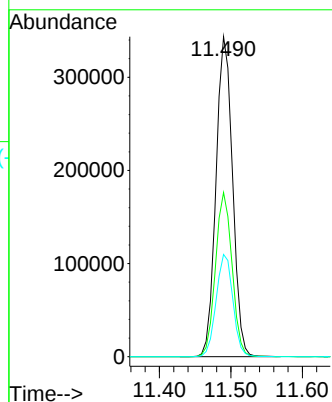
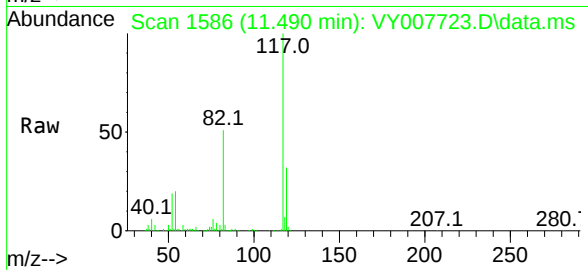
Tgt Ion:117 Resp: 552807

Ion Ratio Lower Upper

117 100

82 51.3 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. 0.006 min

Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

Tgt Ion:152 Resp: 253987

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 157.0 0.0 347.6

