

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007280.D
 Acq On : 24 Jan 2022 19:42
 Operator : SY/MD
 Sample : N1245-07
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(0.5-1)

Quant Time: Jan 25 00:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	79066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	54019	55.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.360%
35) Dibromofluoromethane	7.722	113	49360	49.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.185	98	181158	49.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.483	95	61245	47.220	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.440%

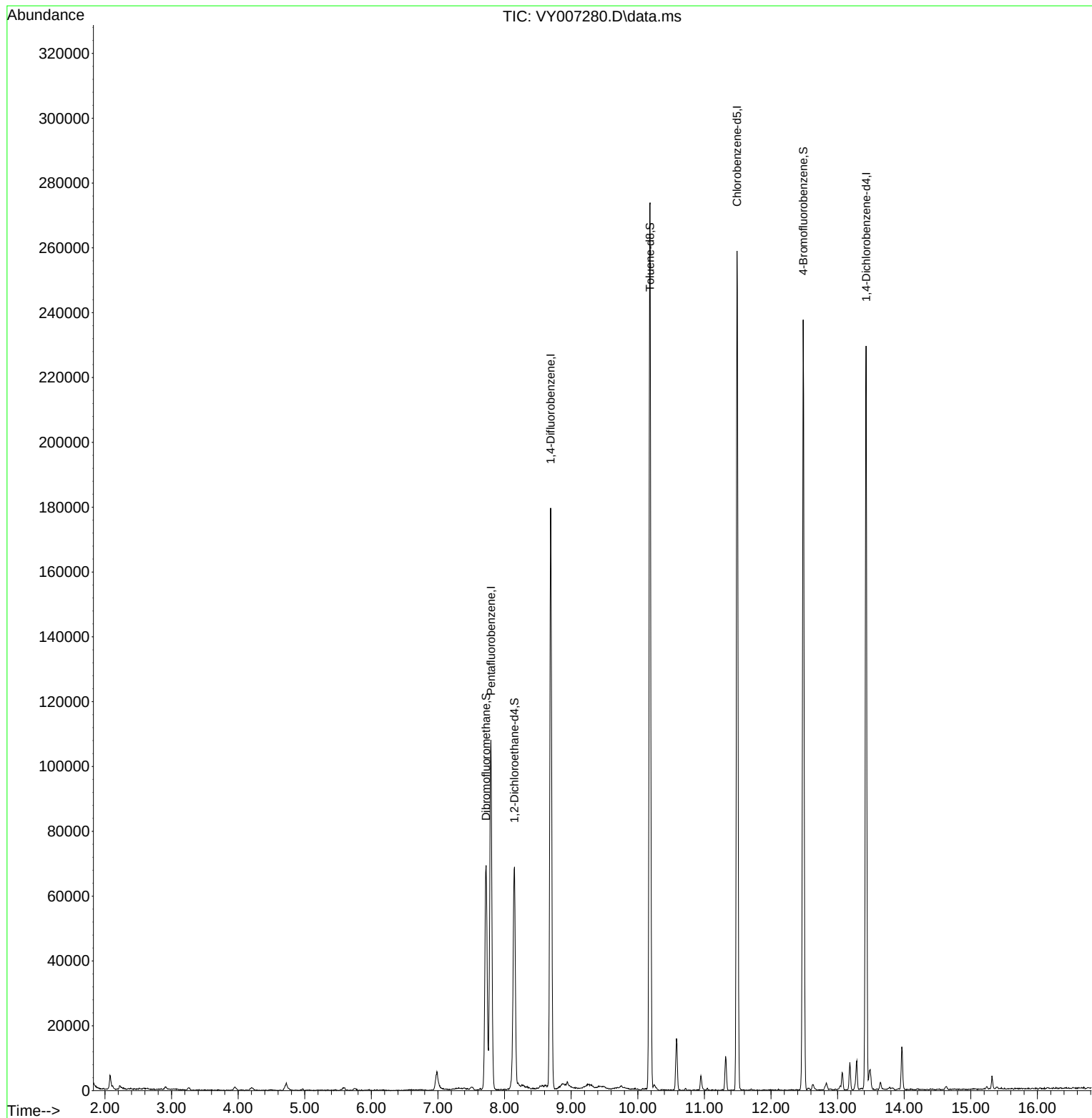
Target Compounds	Qvalue

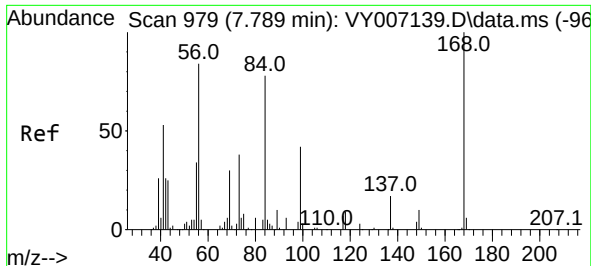
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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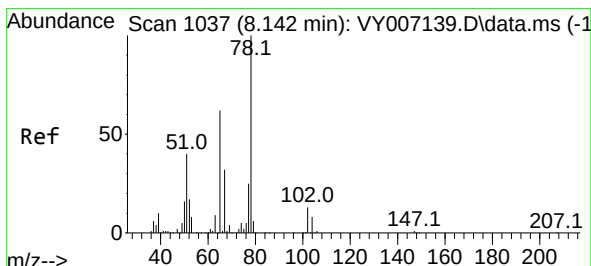
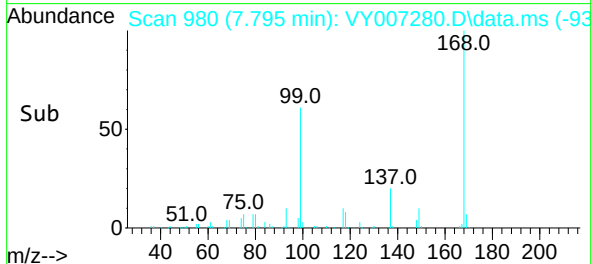
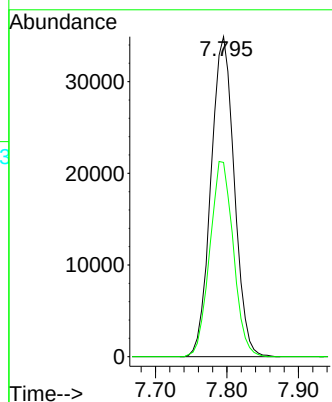
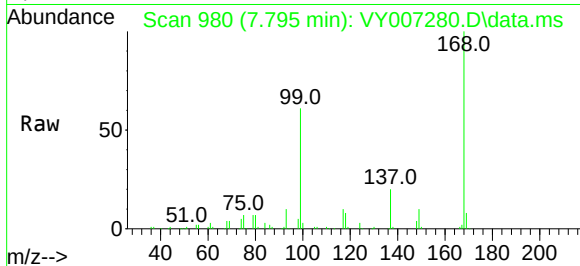




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

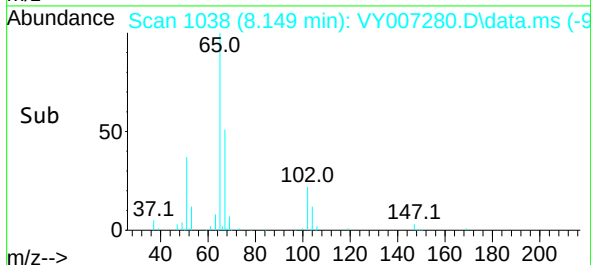
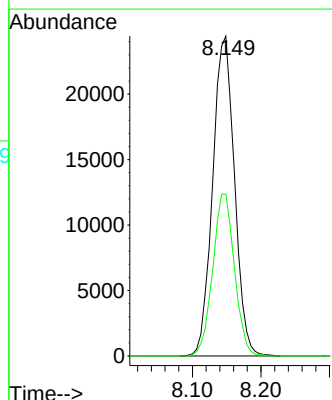
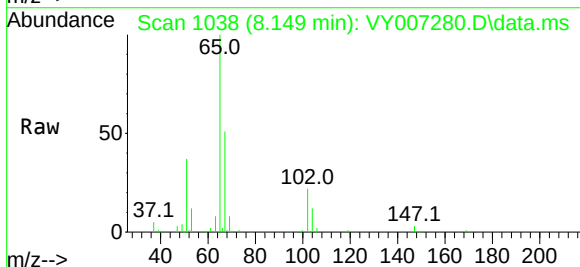
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(0.5-1)

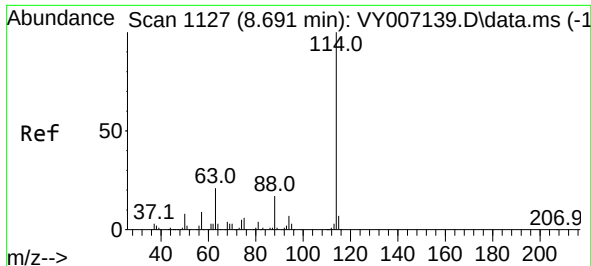
Tgt Ion:168 Resp: 79066
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 55.681 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion: 65 Resp: 54019
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.6

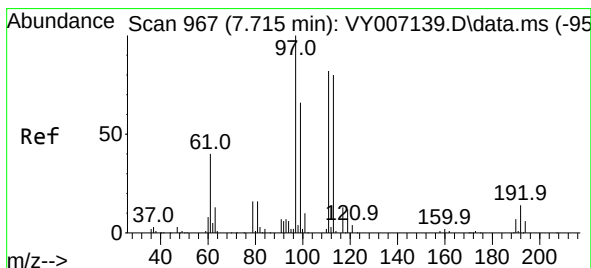
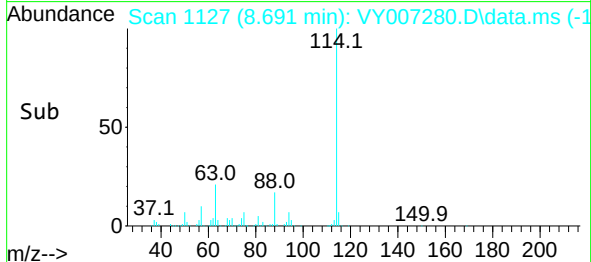
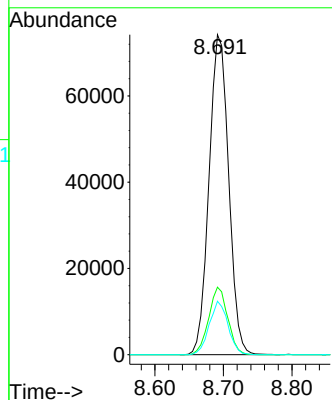
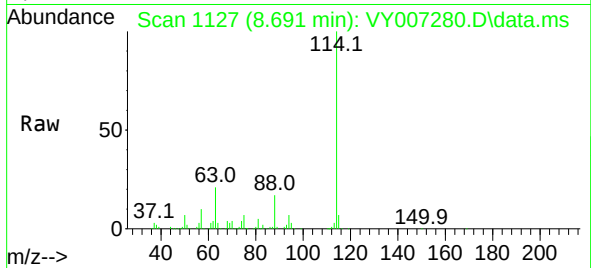




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

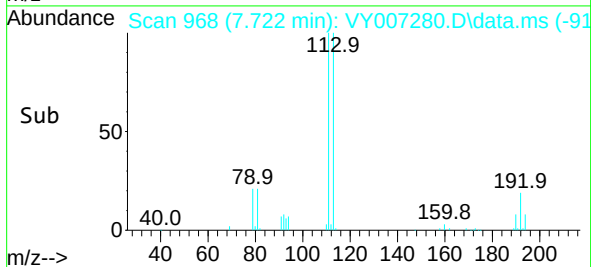
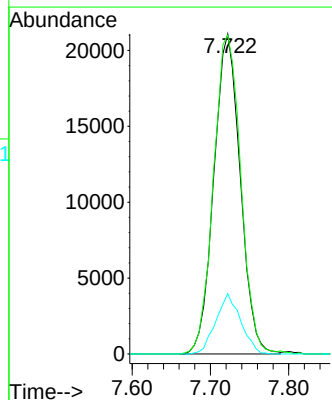
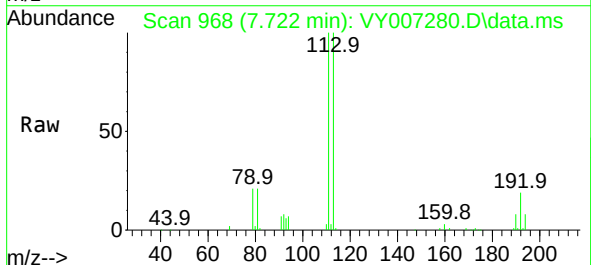
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(0.5-1)

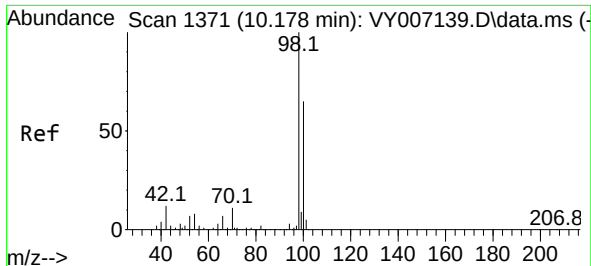
Tgt Ion:114 Resp: 147576
Ion Ratio Lower Upper
114 100
63 21.1 0.0 39.2
88 16.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion:113 Resp: 49360
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.8 14.2 21.4

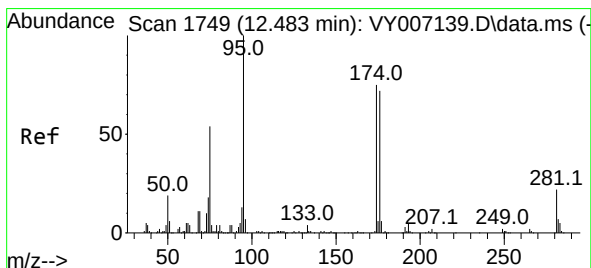
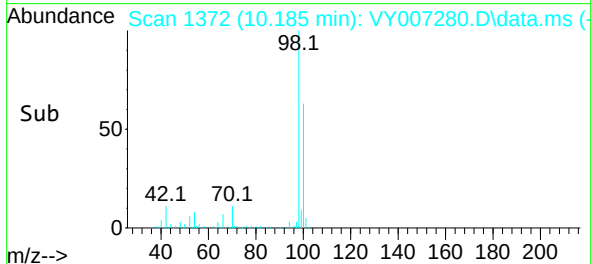
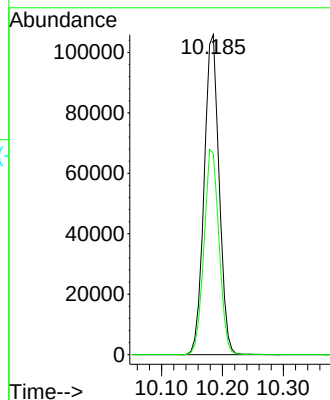
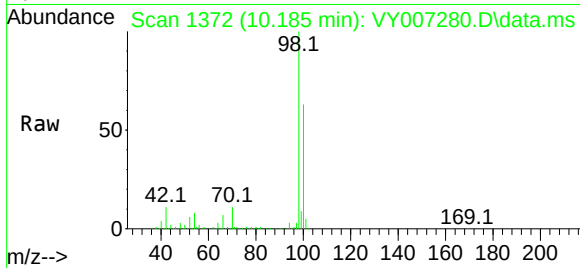




#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

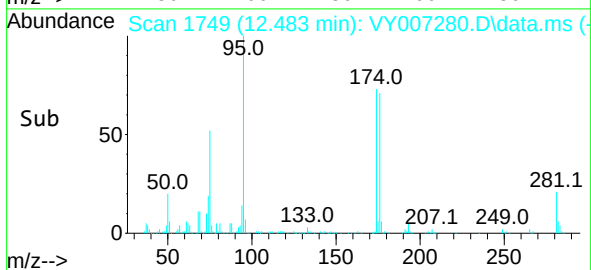
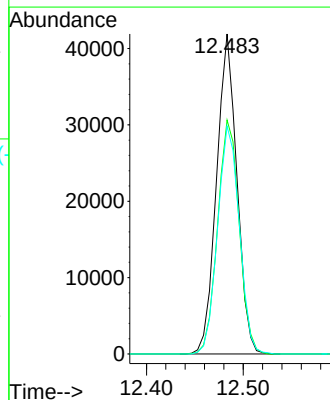
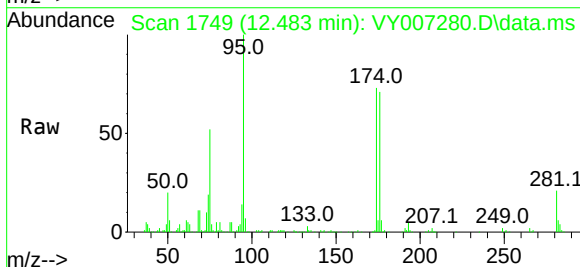
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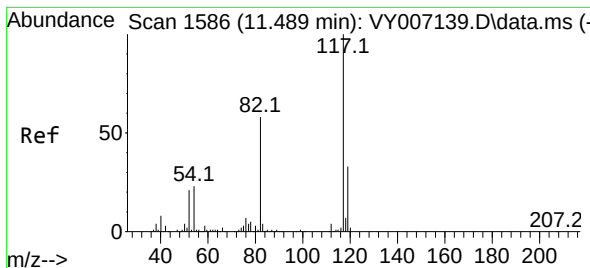
Tgt Ion: 98 Resp: 181158
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007280.D
Acq: 24 Jan 2022 19:42

Tgt Ion: 95 Resp: 61245
Ion Ratio Lower Upper
95 100
174 77.1 0.0 148.4
176 75.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY007280.D

Acq: 24 Jan 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-4(0.5-1)

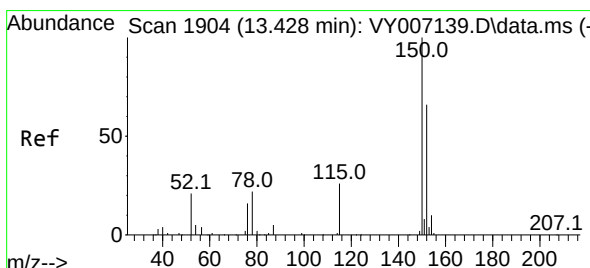
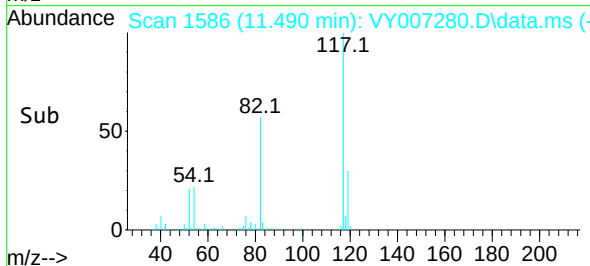
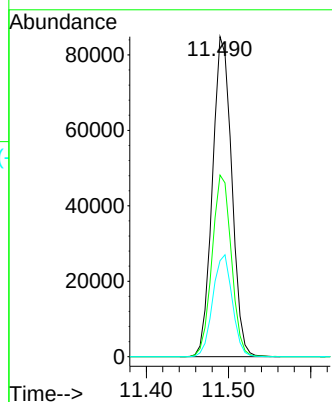
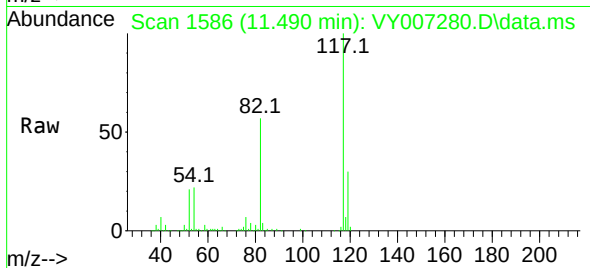
Tgt Ion:117 Resp: 138593

Ion Ratio Lower Upper

117 100

82 56.7 45.4 68.0

119 30.0 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007280.D

Acq: 24 Jan 2022 19:42

Tgt Ion:152 Resp: 55178

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.0

150 158.0 0.0 348.4

