

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007829.D
 Acq On : 10 Mar 2022 16:46
 Operator : SY/MD
 Sample : N1825-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-29RE

Quant Time: Mar 10 23:57:58 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	4562	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3965	83.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.040%#	
35) Dibromofluoromethane	7.722	113	2540	60.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.840%	
50) Toluene-d8	10.185	98	8162	53.184	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.483	95	2091	42.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.540%	

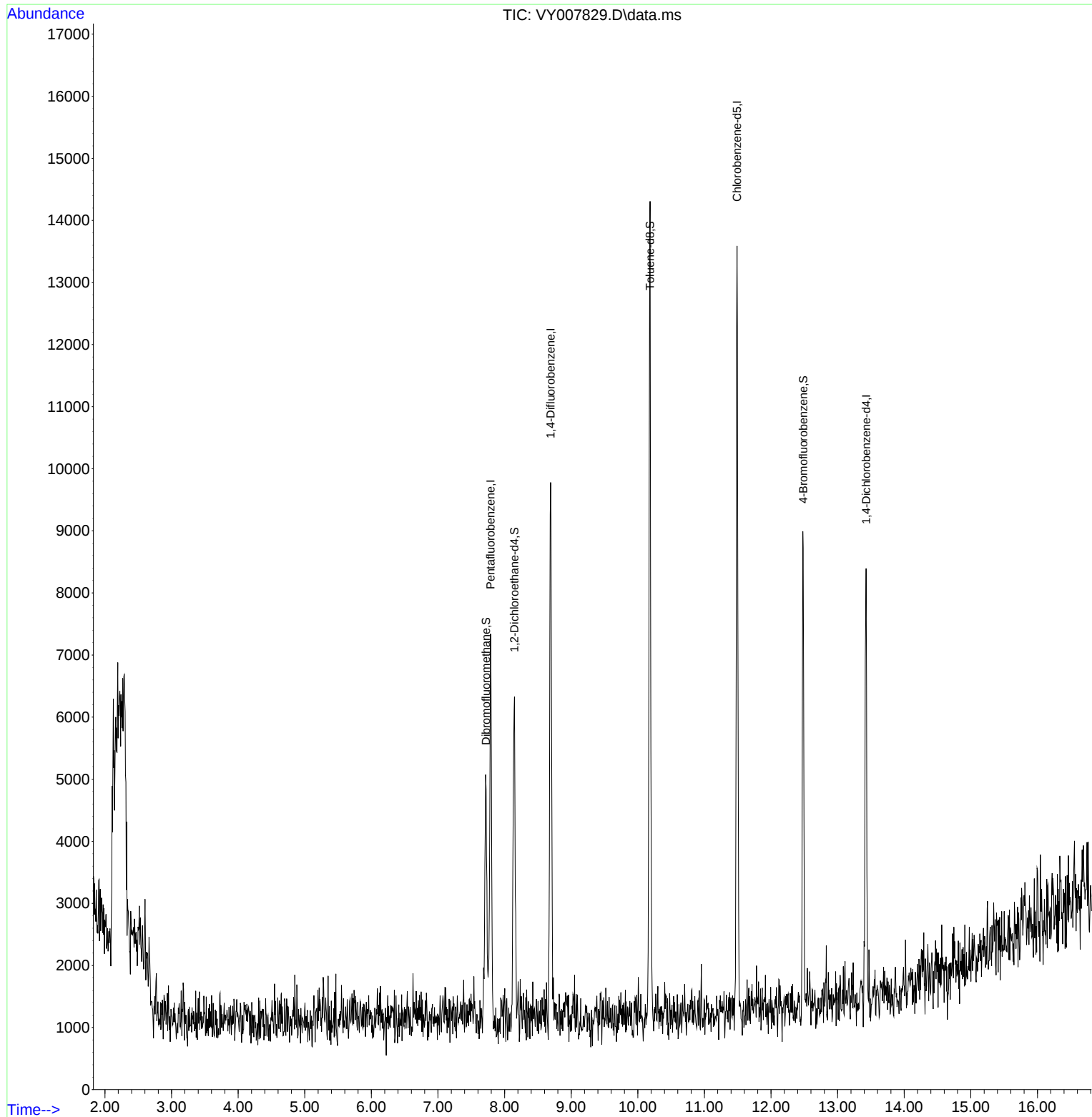
Target Compounds	Qvalue

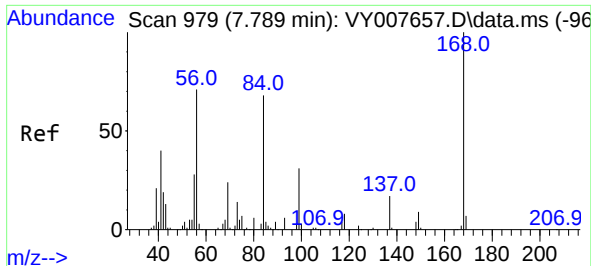
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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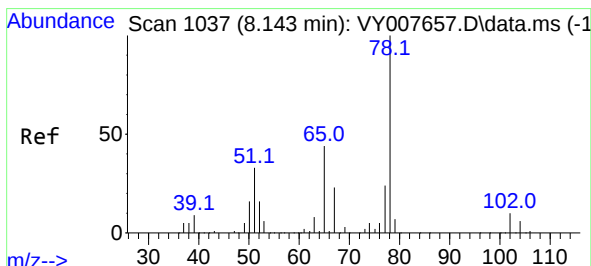
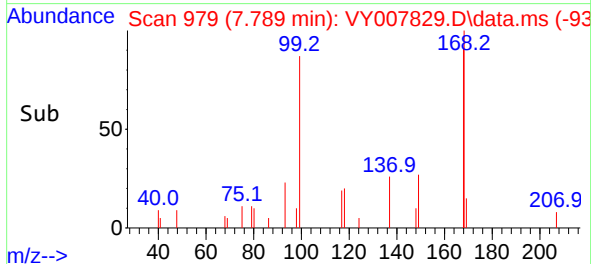
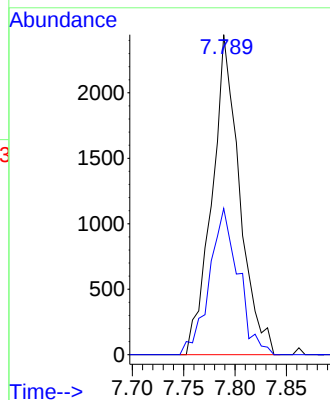
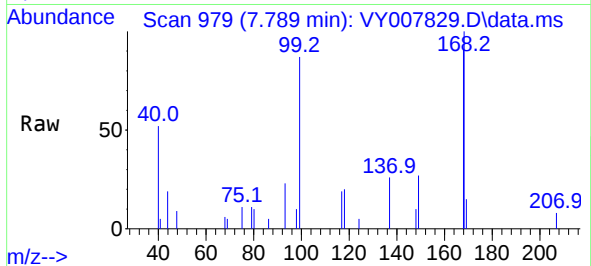




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

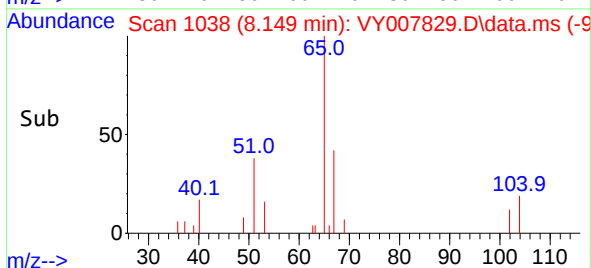
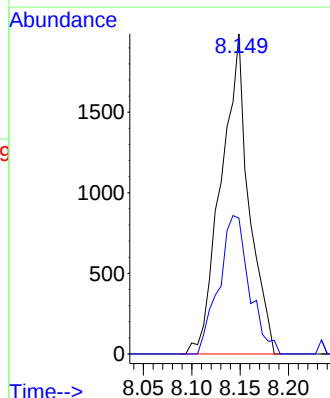
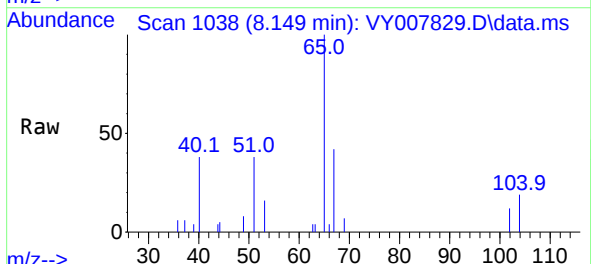
Instrument :
MSVOA_Y
ClientSampleId :
DUM-29RE

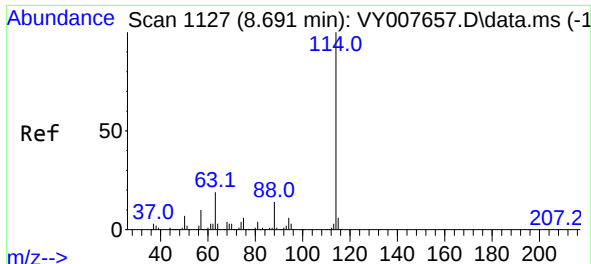
Tgt Ion:168 Resp: 4562
Ion Ratio Lower Upper
168 100
99 45.7 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 83.019 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

Tgt Ion: 65 Resp: 3965
Ion Ratio Lower Upper
65 100
67 47.5 0.0 99.4

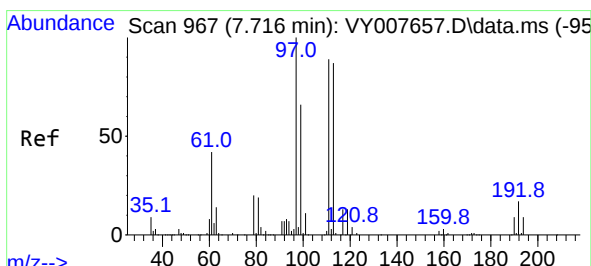
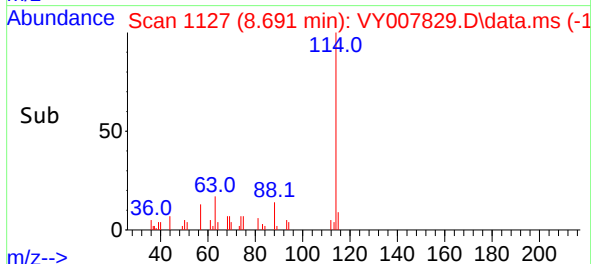
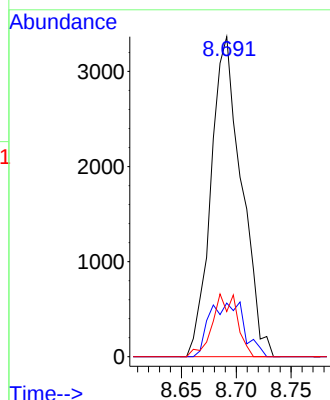
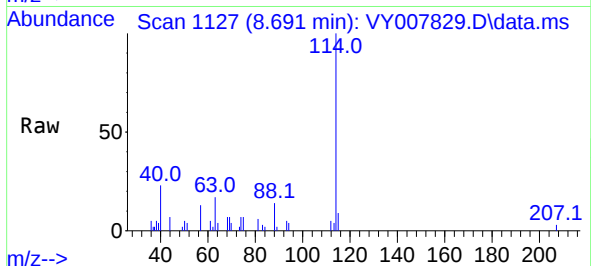




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

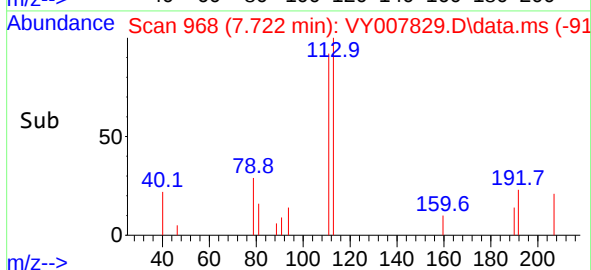
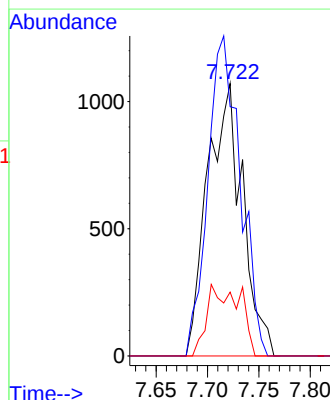
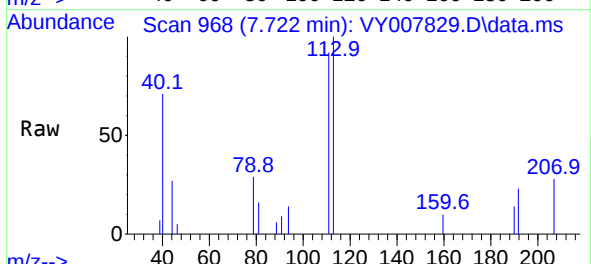
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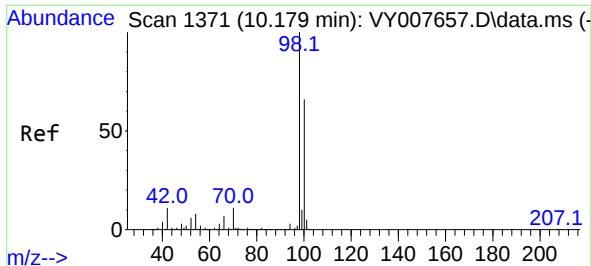
Tgt Ion:	114	Resp:	6521
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	43.2
88	14.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 60.925 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

Tgt Ion:	113	Resp:	2540
Ion	Ratio	Lower	Upper
113	100		
111	108.8	82.6	124.0
192	12.7	17.6	26.4

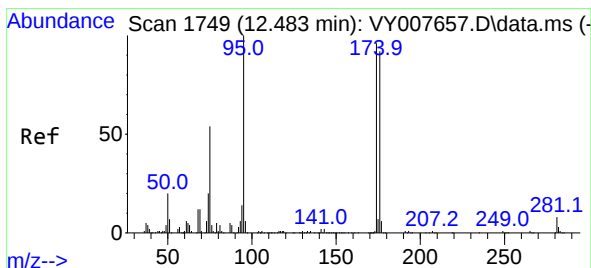
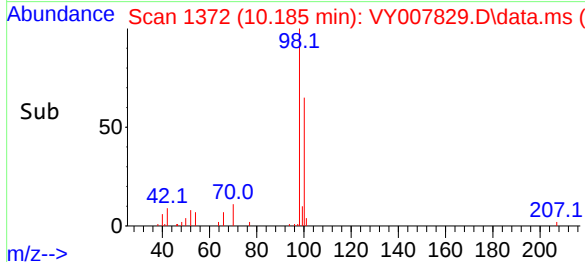
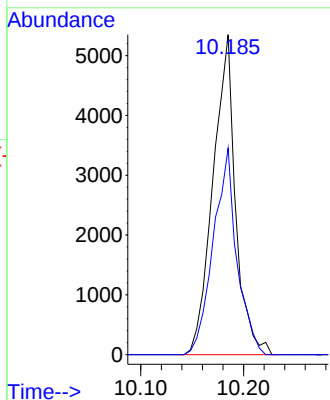
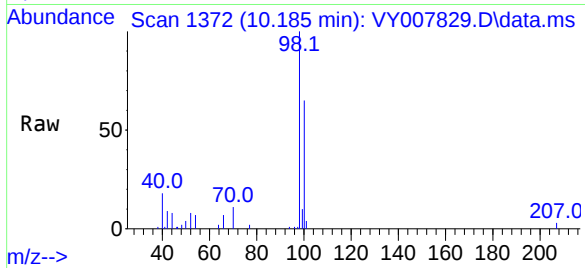




#50
Toluene-d8
Concen: 53.184 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

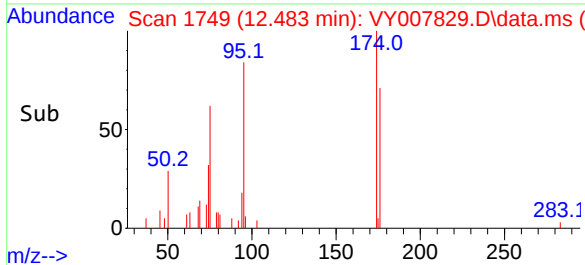
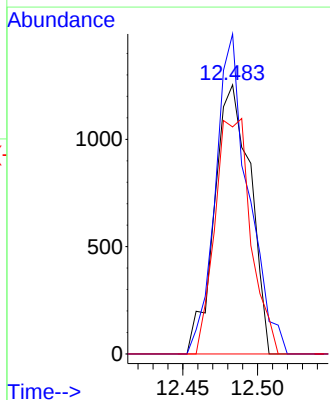
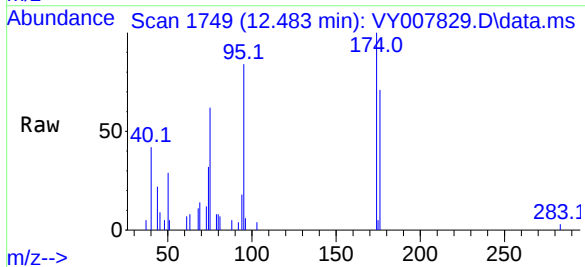
Instrument :
MSVOA_Y
ClientSampleId :
DUM-29RE

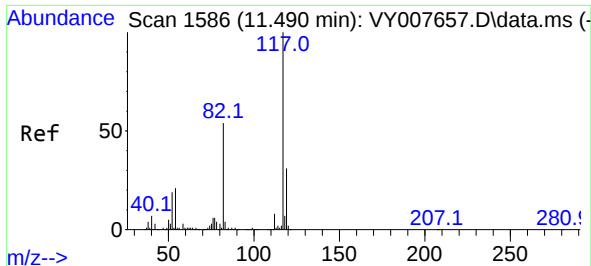
Tgt Ion: 98 Resp: 8162
Ion Ratio Lower Upper
98 100
100 67.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007829.D
Acq: 10 Mar 2022 16:46

Tgt Ion: 95 Resp: 2091
Ion Ratio Lower Upper
95 100
174 108.8 0.0 177.0
176 87.5 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: VY007829.D

Acq: 10 Mar 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

DUM-29RE

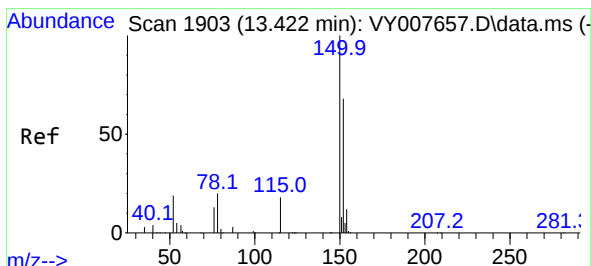
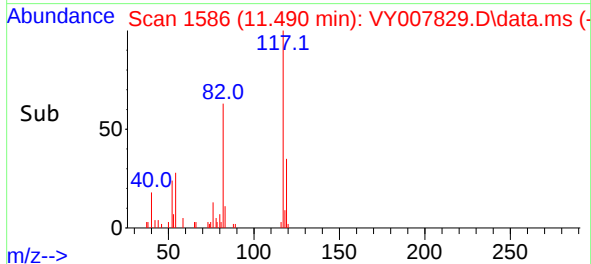
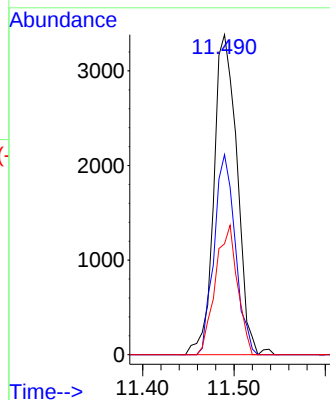
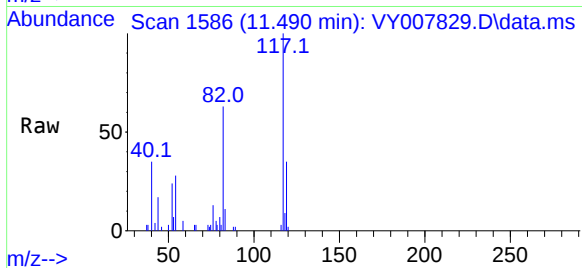
Tgt Ion:117 Resp: 5973

Ion Ratio Lower Upper

117 100

82 62.5 43.0 64.4

119 34.7 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: VY007829.D

Acq: 10 Mar 2022 16:46

Tgt Ion:152 Resp: 1665

Ion Ratio Lower Upper

152 100

115 77.5 28.2 84.7

150 172.9 0.0 347.6

