

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007344.D
 Acq On : 31 Jan 2022 17:38
 Operator : SY/MD
 Sample : N1333-09
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8D

Quant Time: Feb 01 01:54:10 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	113430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74927	53.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.660%
35) Dibromofluoromethane	7.722	113	71348	49.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.185	98	261034	49.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.483	95	94811	51.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.020%

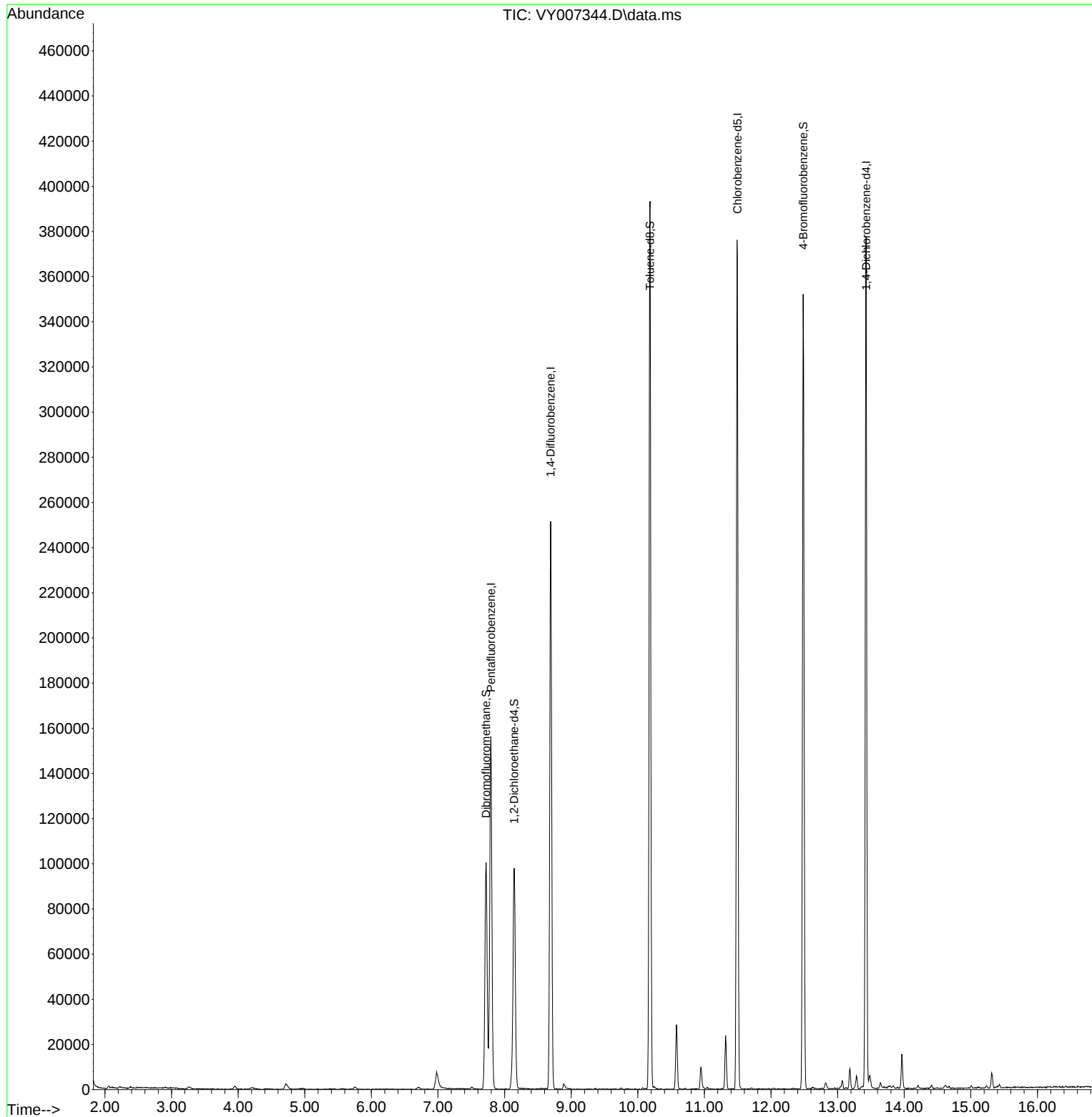
Target Compounds	Qvalue

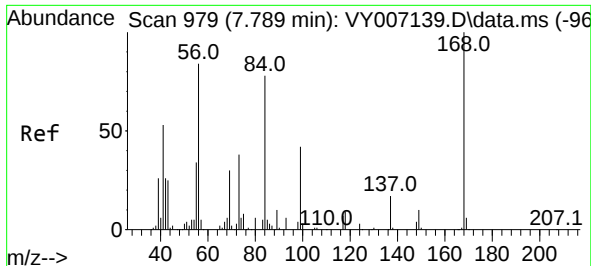
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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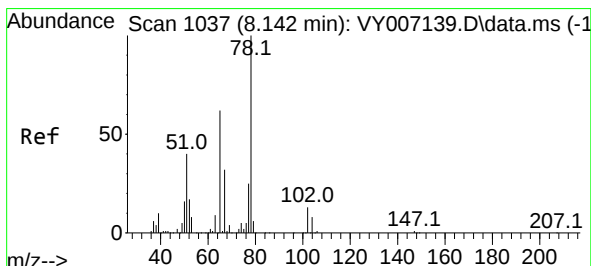
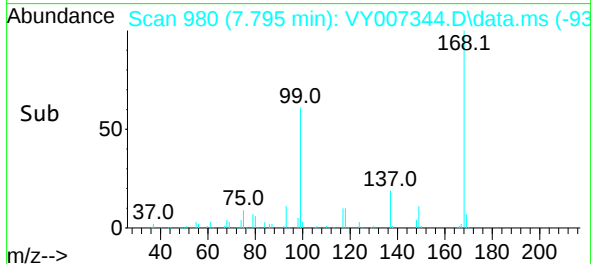
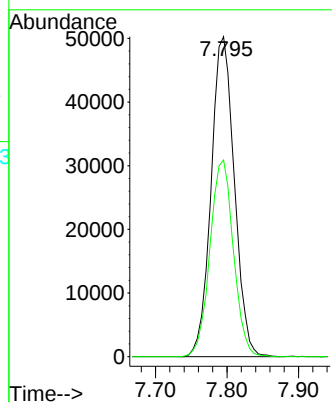
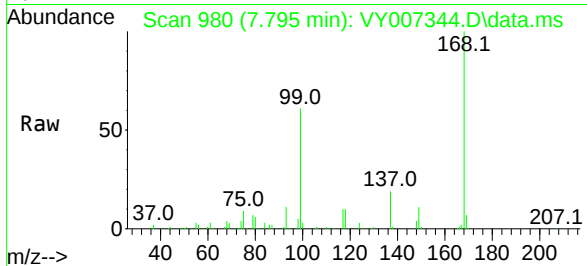




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

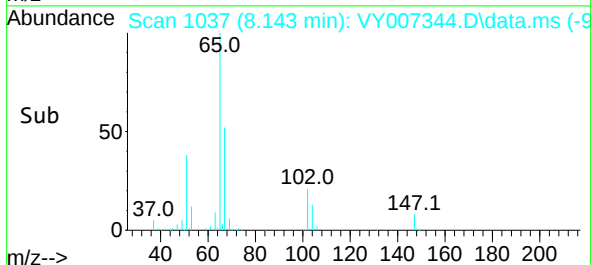
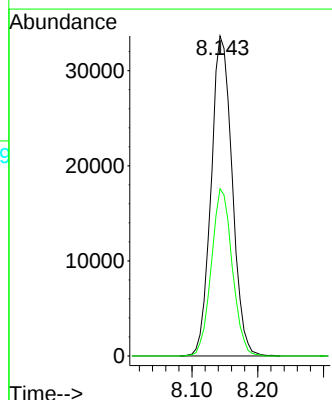
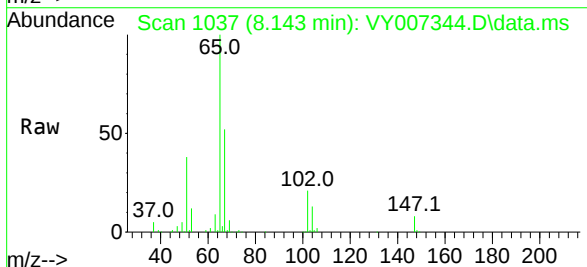
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

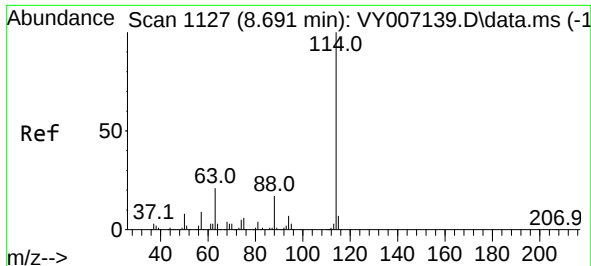
Tgt Ion:168 Resp: 113430
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.835 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 65 Resp: 74927
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6

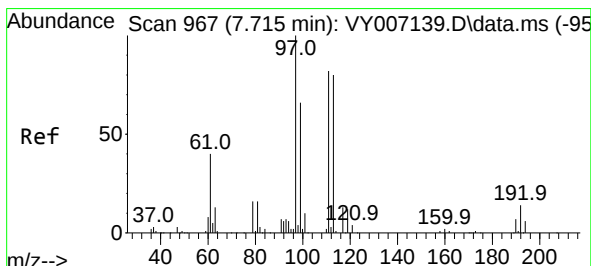
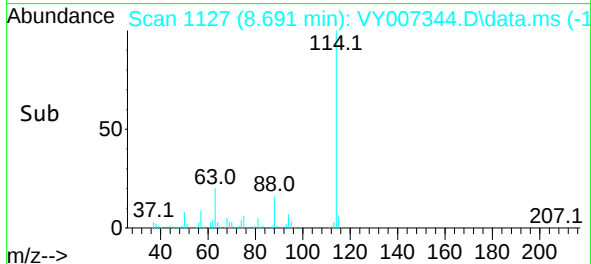
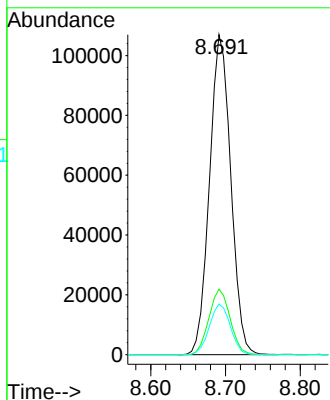
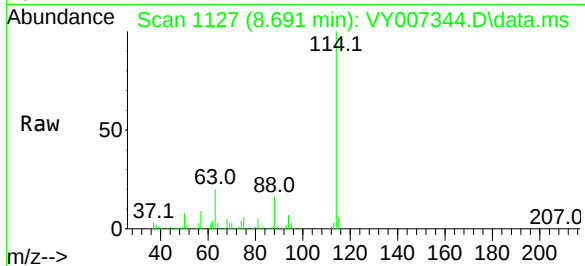




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

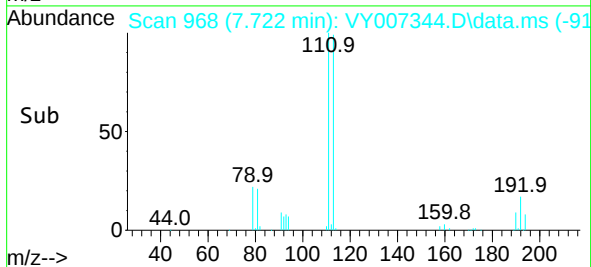
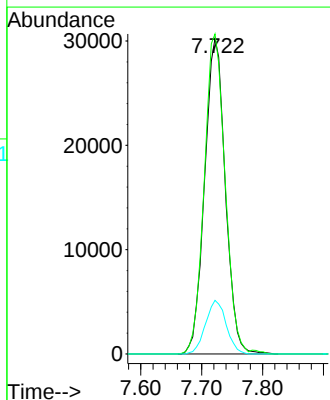
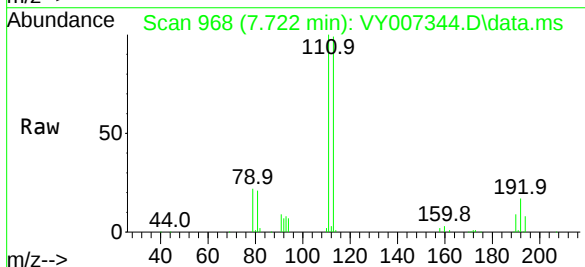
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SB-8D

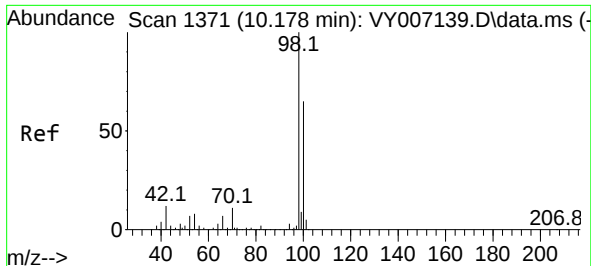
Tgt Ion:	114	Resp:	211465
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	39.2
88	15.8	0.0	31.0



#35
Dibromofluoromethane
Concen: 49.897 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion:	113	Resp:	71348
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.2	123.4
192	17.0	14.2	21.4

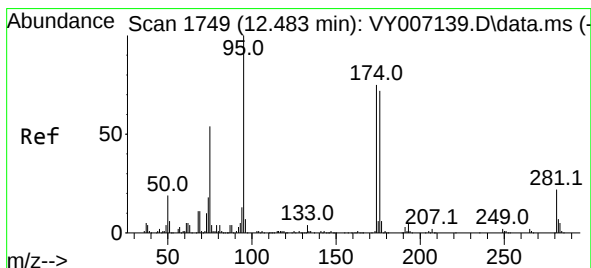
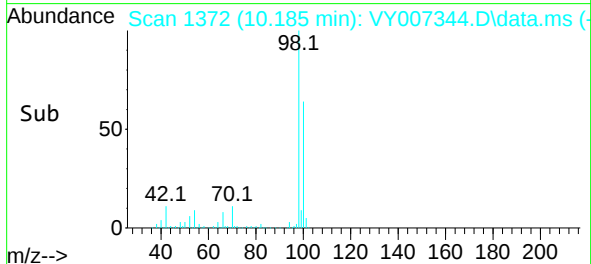
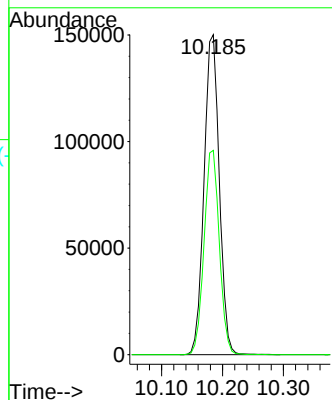
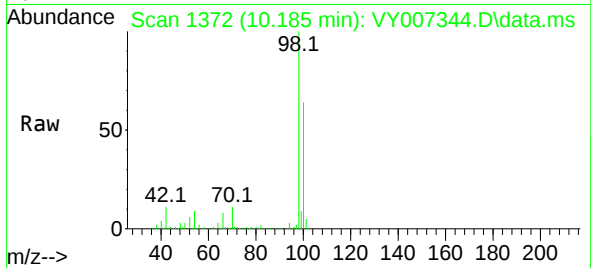




#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

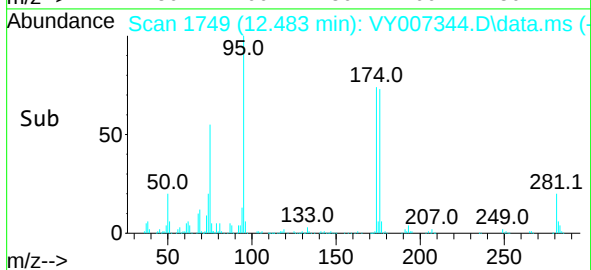
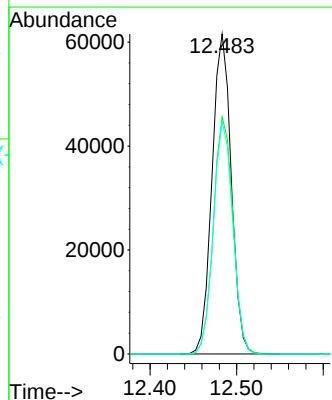
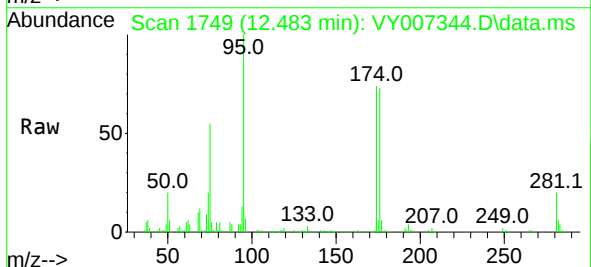
Instrument :
MSVOA_Y
ClientSampleId :
SB-8D

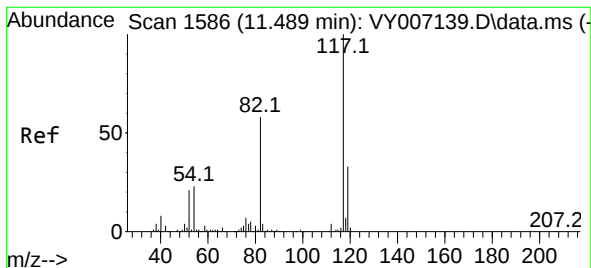
Tgt Ion: 98 Resp: 261034
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.014 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007344.D
Acq: 31 Jan 2022 17:38

Tgt Ion: 95 Resp: 94811
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 73.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007344.D

Acq: 31 Jan 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

SB-8D

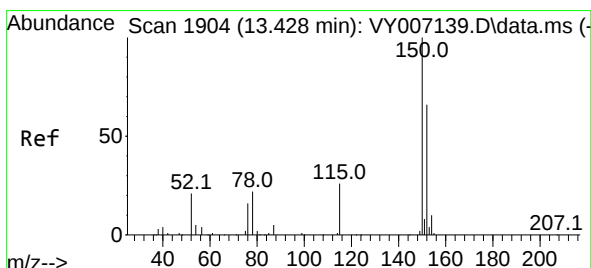
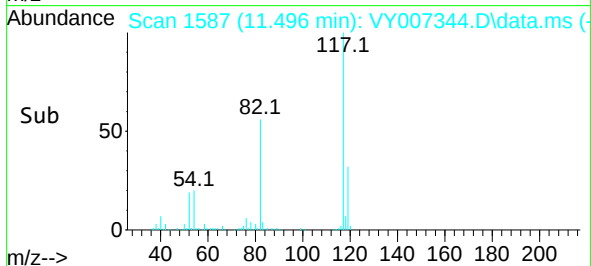
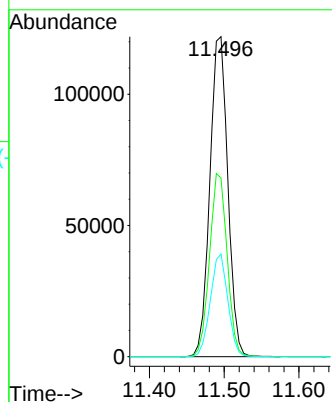
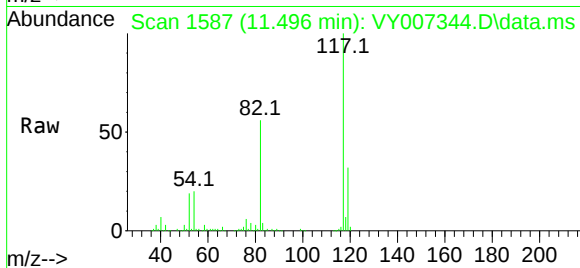
Tgt Ion:117 Resp: 203763

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 32.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007344.D

Acq: 31 Jan 2022 17:38

Tgt Ion:152 Resp: 89555

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.0

150 158.0 0.0 348.4

