

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007208.D
 Acq On : 18 Jan 2022 14:07
 Operator : SY/MD
 Sample : N1166-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-011422

Quant Time: Jan 19 00:32:07 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	7.801	168	30196	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	54709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20939	56.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.020%
35) Dibromofluoromethane	7.722	113	18576	50.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.185	98	67106	49.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	23586	49.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.100%

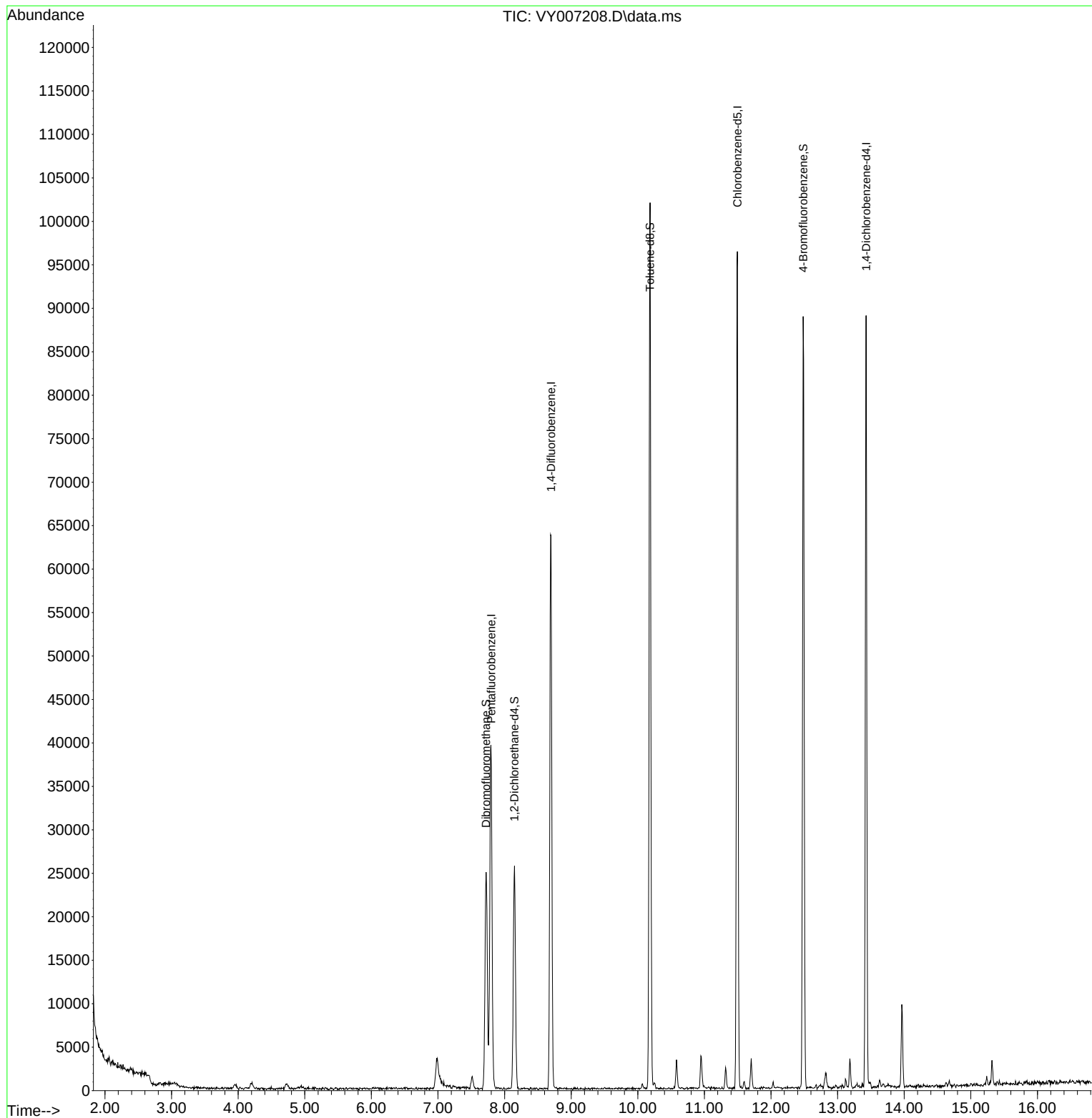
Target Compounds	Qvalue

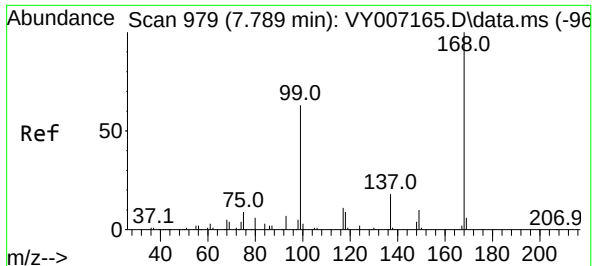
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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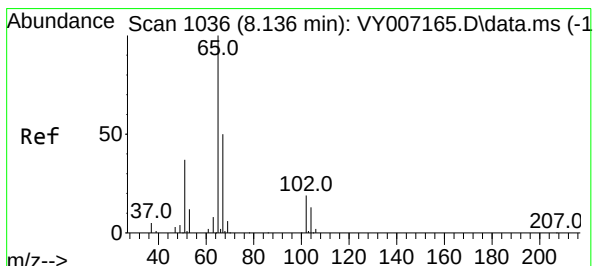
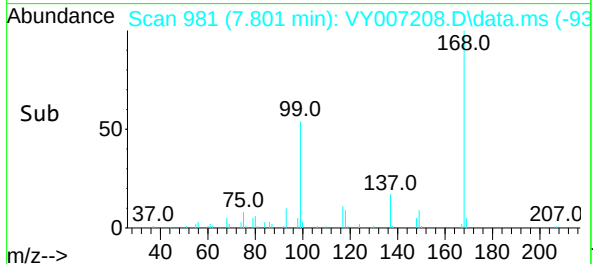
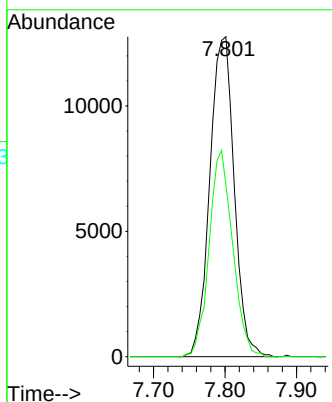
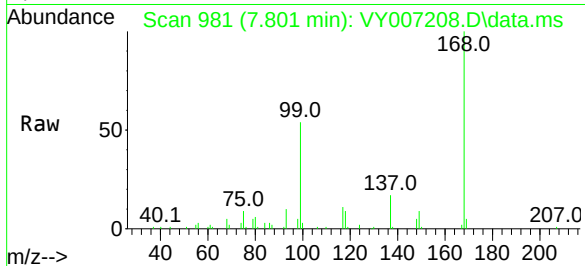




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

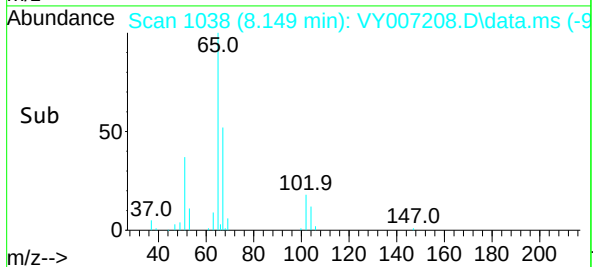
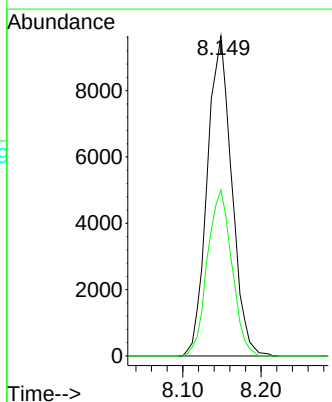
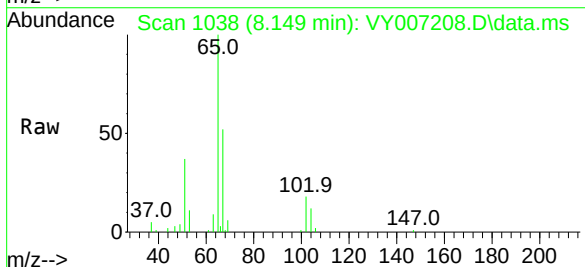
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

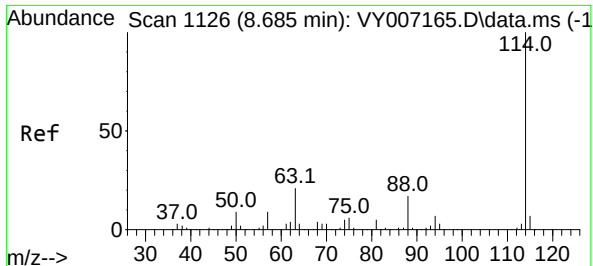
Tgt Ion:168 Resp: 30196
Ion Ratio Lower Upper
168 100
99 53.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 56.514 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

Tgt Ion: 65 Resp: 20939
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6

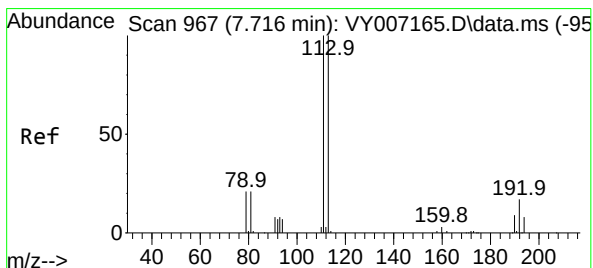
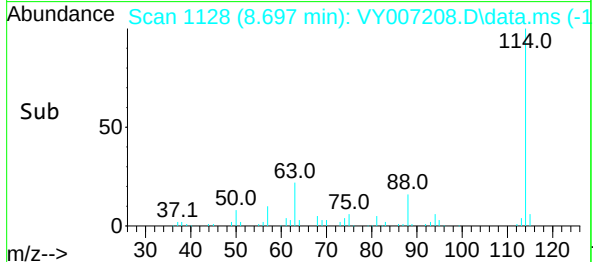
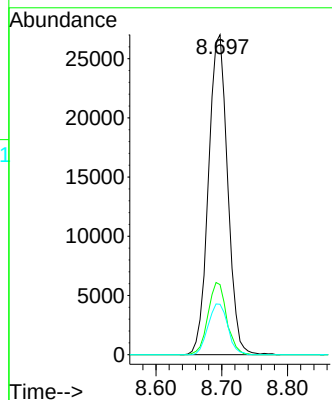
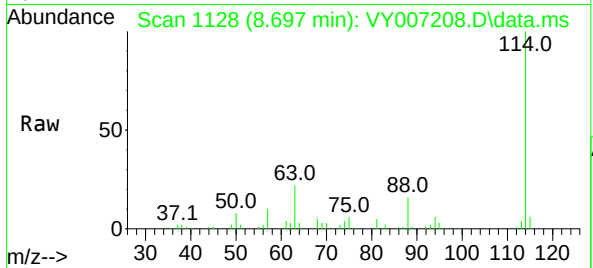




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

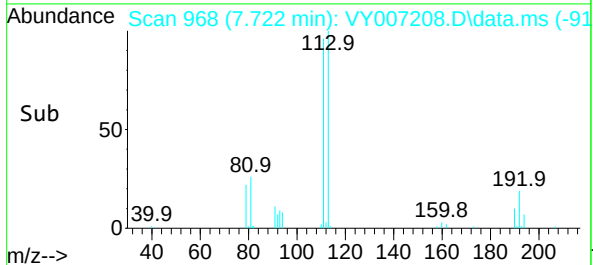
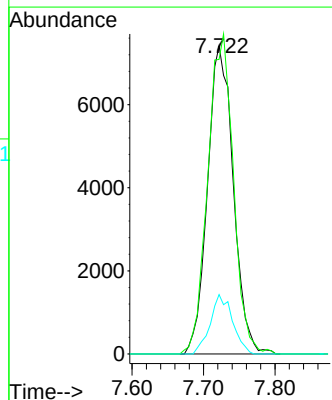
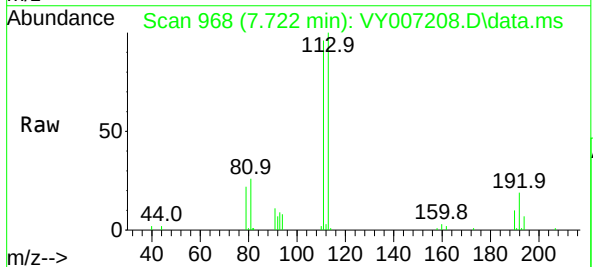
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

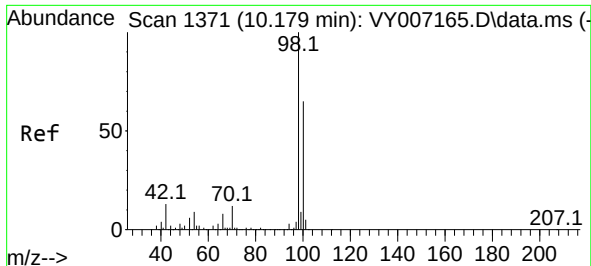
Tgt Ion:114	Resp:	54709
Ion Ratio	Lower	Upper
114	100	
63	21.9	0.0 39.2
88	15.7	0.0 31.0



#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

Tgt Ion:113	Resp:	18576
Ion Ratio	Lower	Upper
113	100	
111	103.1	82.2 123.4
192	16.7	14.2 21.4

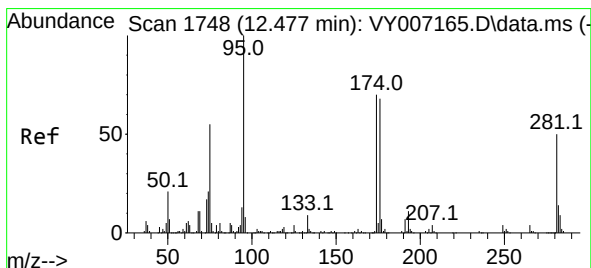
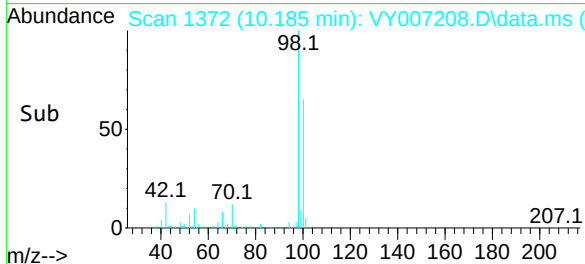
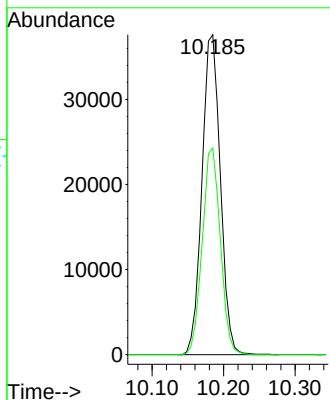
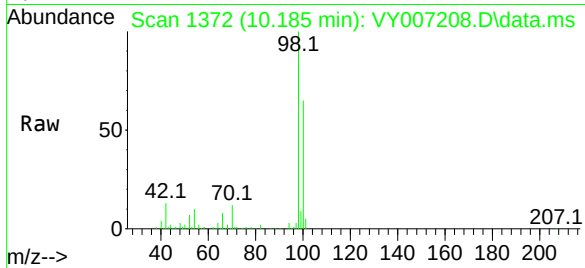




#50
Toluene-d8
Concen: 49.645 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

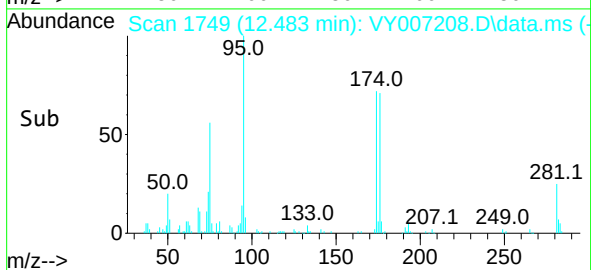
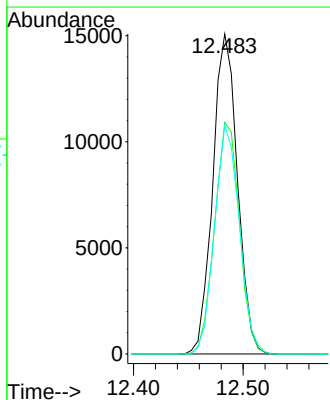
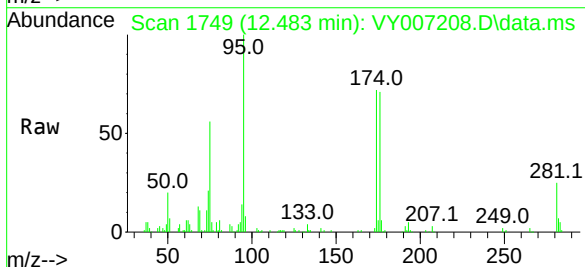
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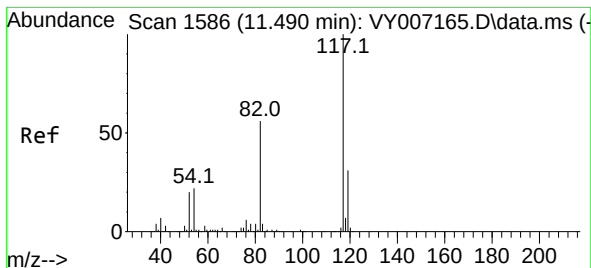
Tgt Ion: 98 Resp: 67106
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007208.D
Acq: 18 Jan 2022 14:07

Tgt Ion: 95 Resp: 23586
Ion Ratio Lower Upper
95 100
174 73.0 0.0 148.4
176 72.0 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: VY007208.D

Acq: 18 Jan 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SU-01-011422

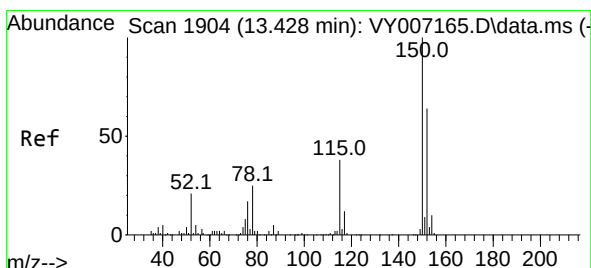
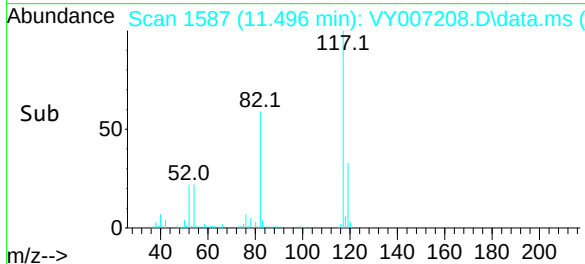
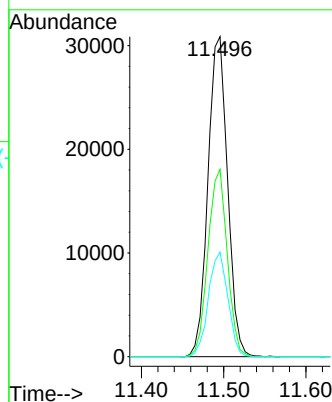
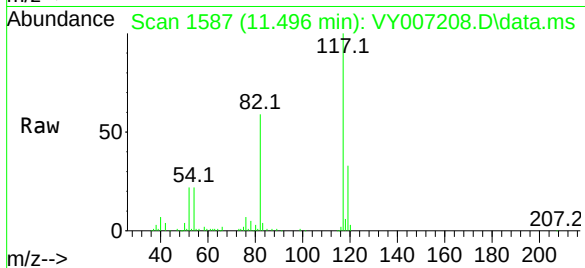
Tgt Ion:117 Resp: 51062

Ion Ratio Lower Upper

117 100

82 58.6 45.4 68.0

119 32.7 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: VY007208.D

Acq: 18 Jan 2022 14:07

Tgt Ion:152 Resp: 20854

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.0

150 157.3 0.0 348.4

