

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006681.D
 Acq On : 08 Nov 2021 15:32
 Operator : SY/MD
 Sample : M4477-04RE
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:05:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.703	114	394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	176	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	218	73.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.400%	
35) Dibromofluoromethane	7.710	113	21	9.563	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 19.120%#	
50) Toluene-d8	10.185	98	308	33.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 66.160%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	

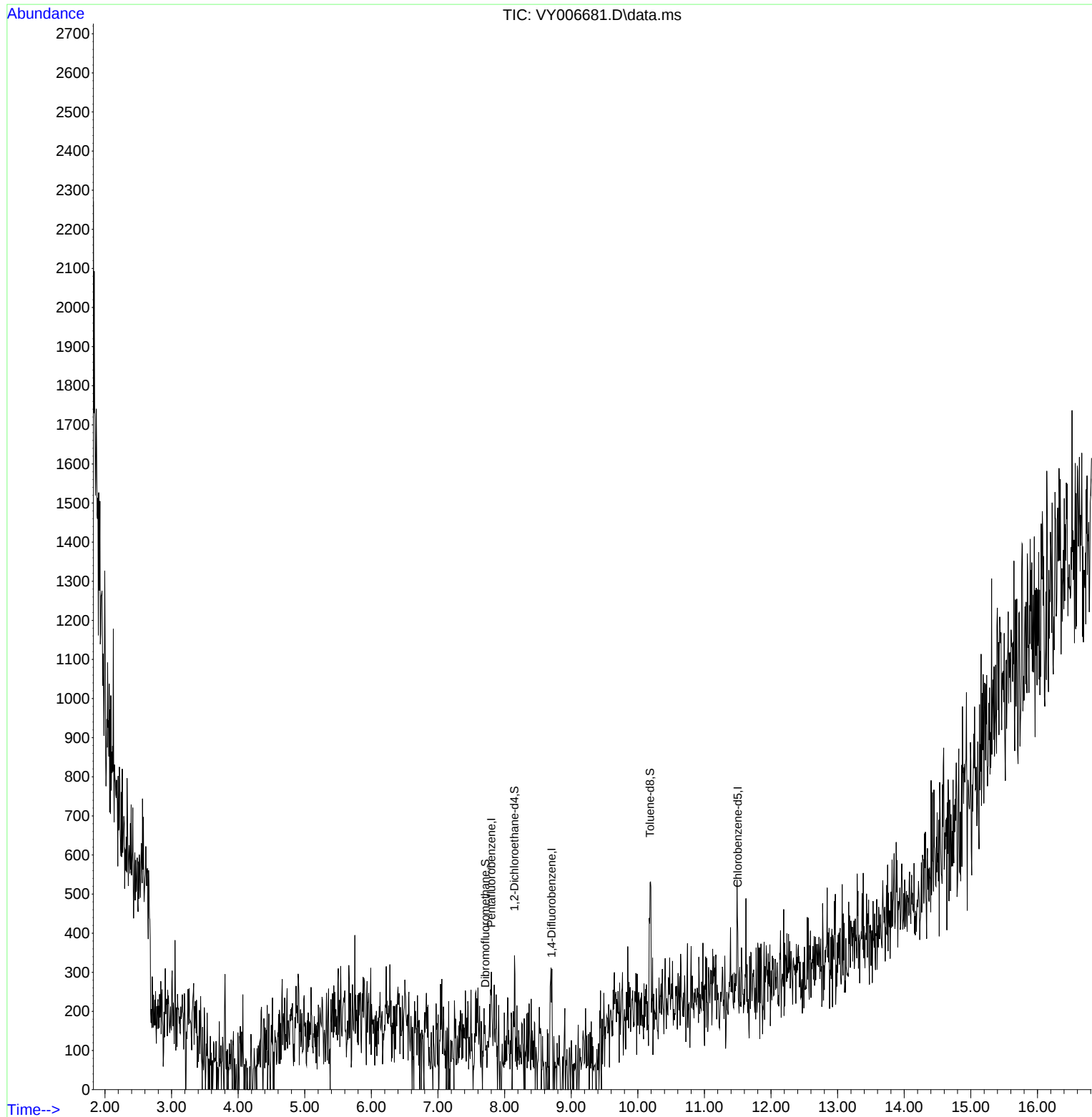
Target Compounds Qvalue

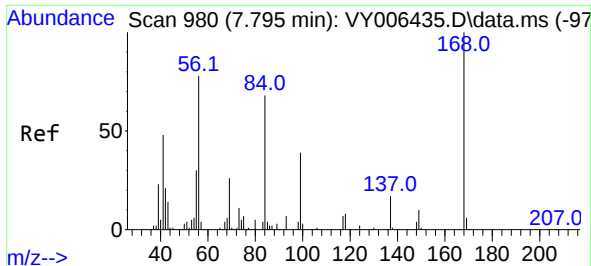
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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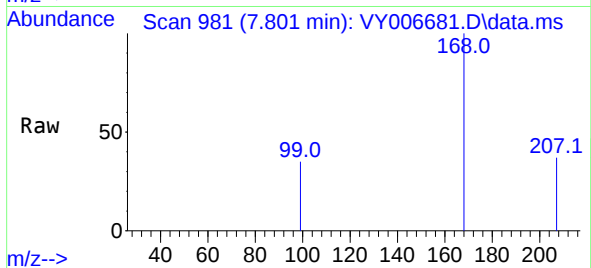
Quant Time: Nov 09 13:05:07 2021
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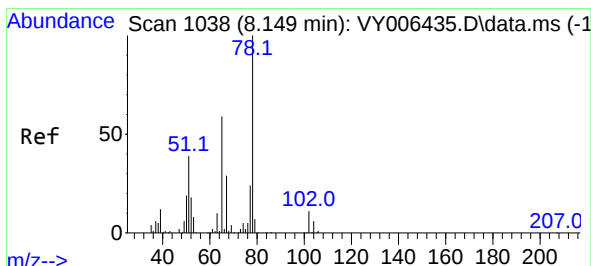
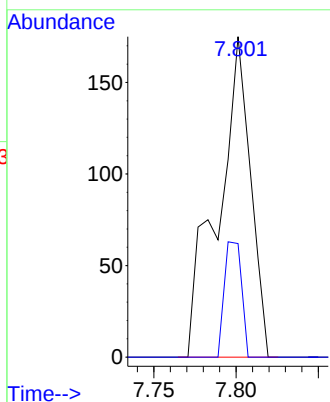
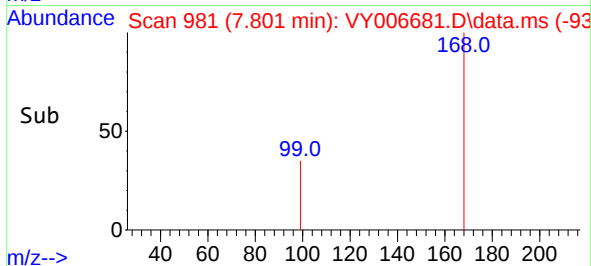


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY006681.D
Acq: 08 Nov 2021 15:32

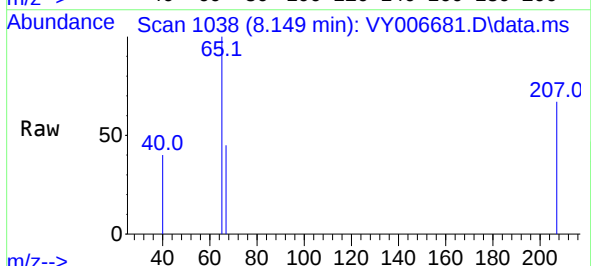
Instrument :
MSVOA_Y
ClientSampleId :



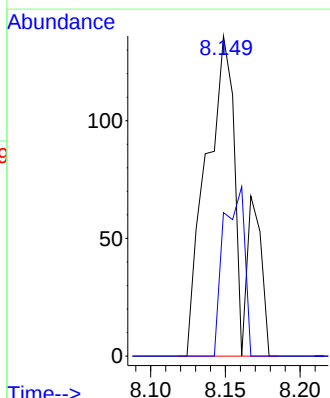
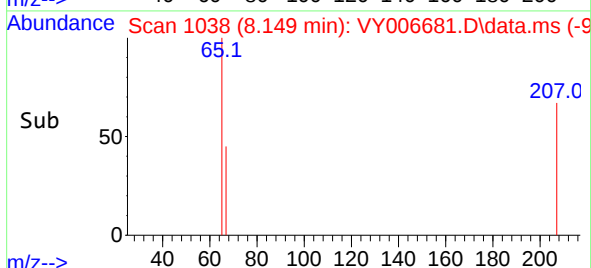
Tgt Ion:168 Resp: 242
Ion Ratio Lower Upper
168 100
99 35.4 44.8 67.2#

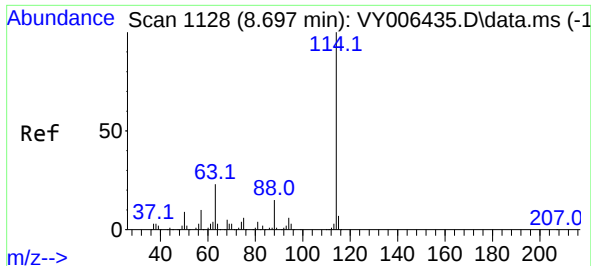


#33
1,2-Dichloroethane-d4
Concen: 73.204 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006681.D
Acq: 08 Nov 2021 15:32



Tgt Ion: 65 Resp: 218
Ion Ratio Lower Upper
65 100
67 32.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY006681.D

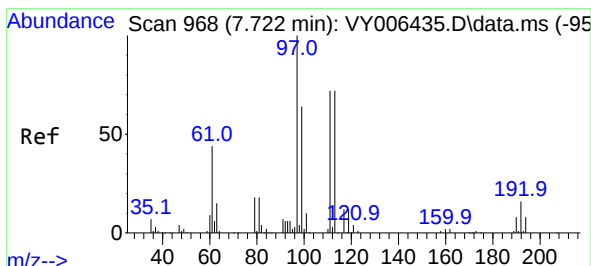
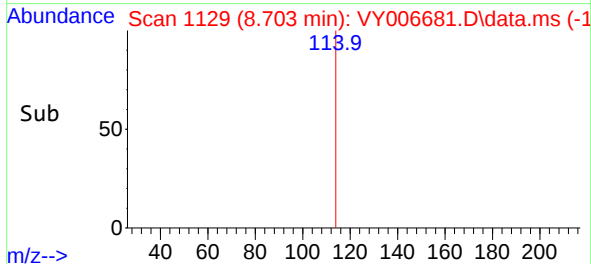
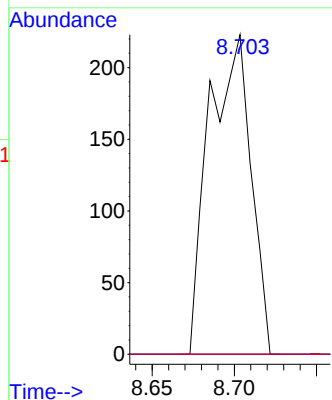
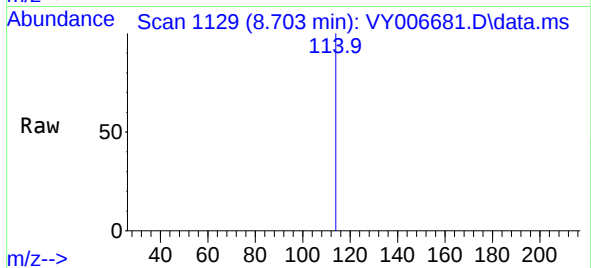
Acq: 08 Nov 2021 15:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	394
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	45.0
88	0.0	0.0	30.6



#35

Dibromofluoromethane

Concen: 9.563 ug/l

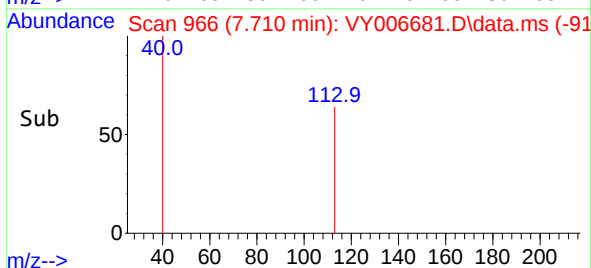
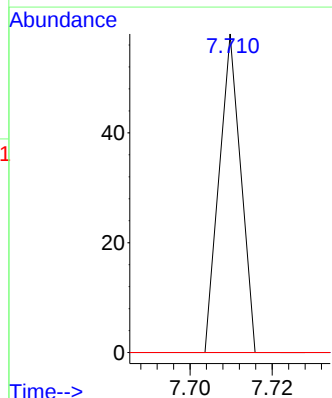
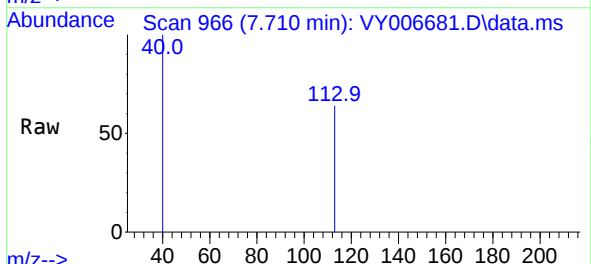
RT: 7.710 min Scan# 966

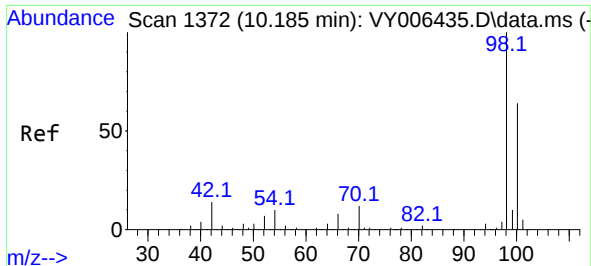
Delta R.T. -0.012 min

Lab File: VY006681.D

Acq: 08 Nov 2021 15:32

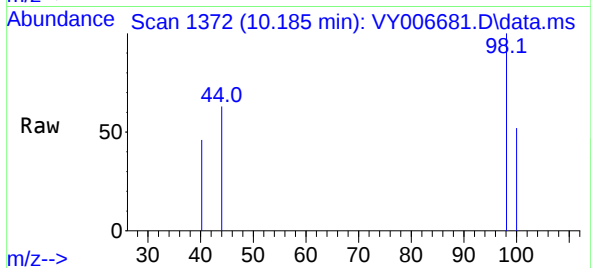
Tgt Ion:	113	Resp:	21
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.3	123.5#
192	0.0	17.4	26.2#



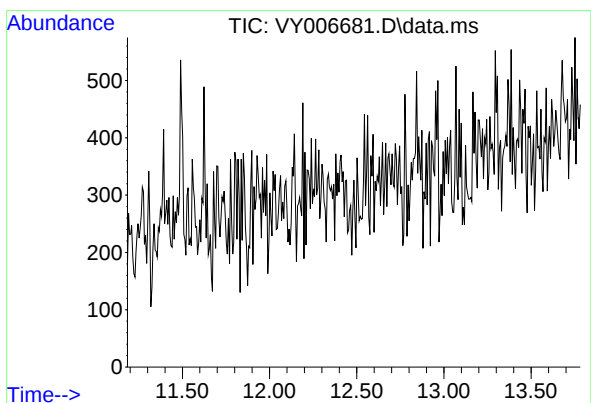
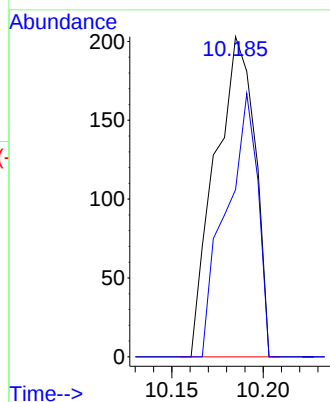
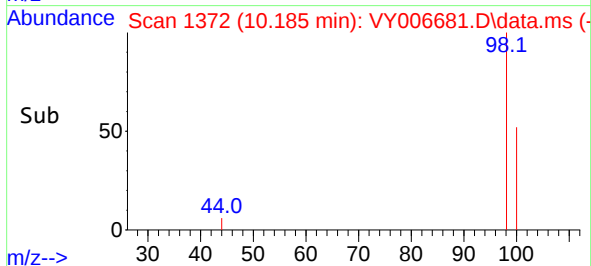


#50
Toluene-d8
Concen: 33.085 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006681.D
Acq: 08 Nov 2021 15:32

Instrument :
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ClientSampleId :



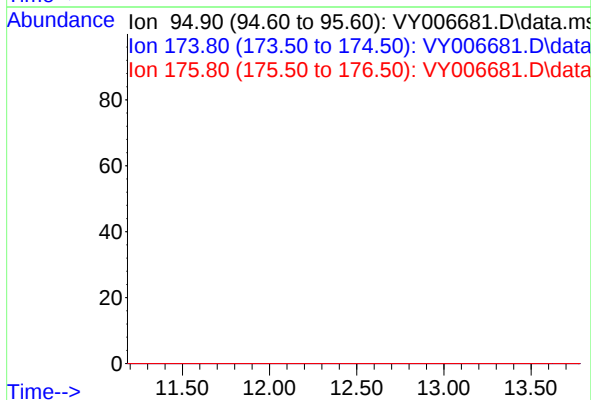
Tgt Ion: 98 Resp: 308
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3

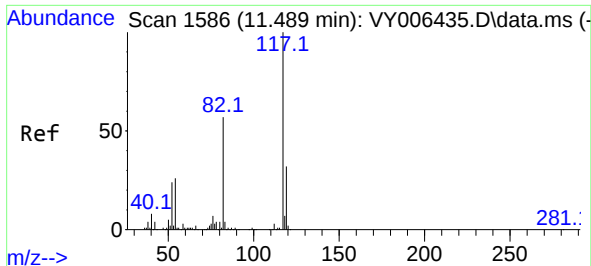


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY006681.D
Acq: 08 Nov 2021 15:32

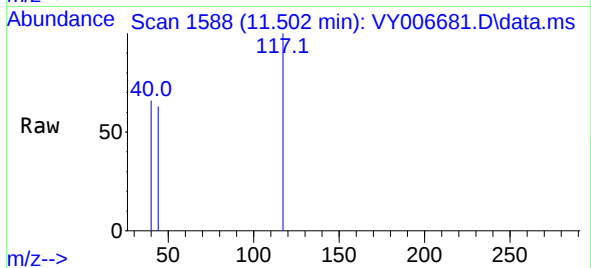
Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 84.7



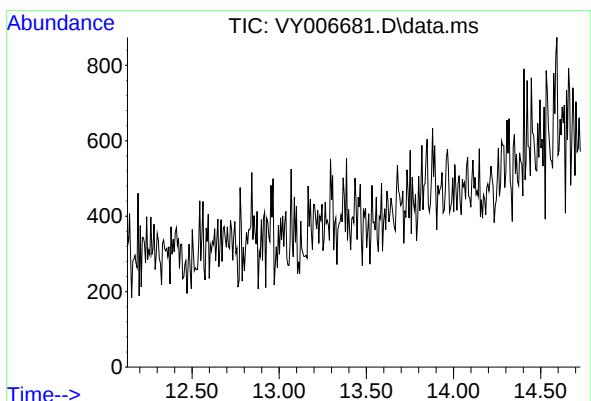
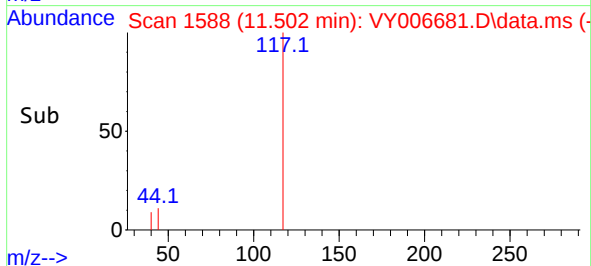
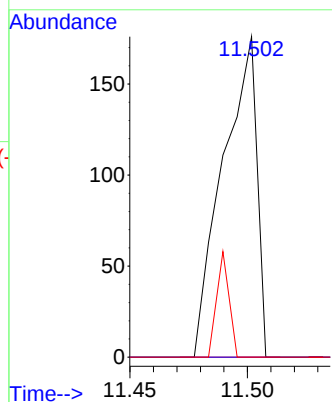


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY006681.D
Acq: 08 Nov 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:117 Resp: 176
Ion Ratio Lower Upper
117 100
82 0.0 45.7 68.5#
119 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY006681.D
Acq: 08 Nov 2021 15:32

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.0
150 174.1

