

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007673.D
 Acq On : 01 Mar 2022 17:23
 Operator : SY/MD
 Sample : N1721-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-5

Quant Time: Mar 02 07:52:00 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	280040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	501634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	503086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	178628	60.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.860%
35) Dibromofluoromethane	7.715	113	169912	52.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.178	98	634306	53.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.477	95	208474	54.783	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.560%

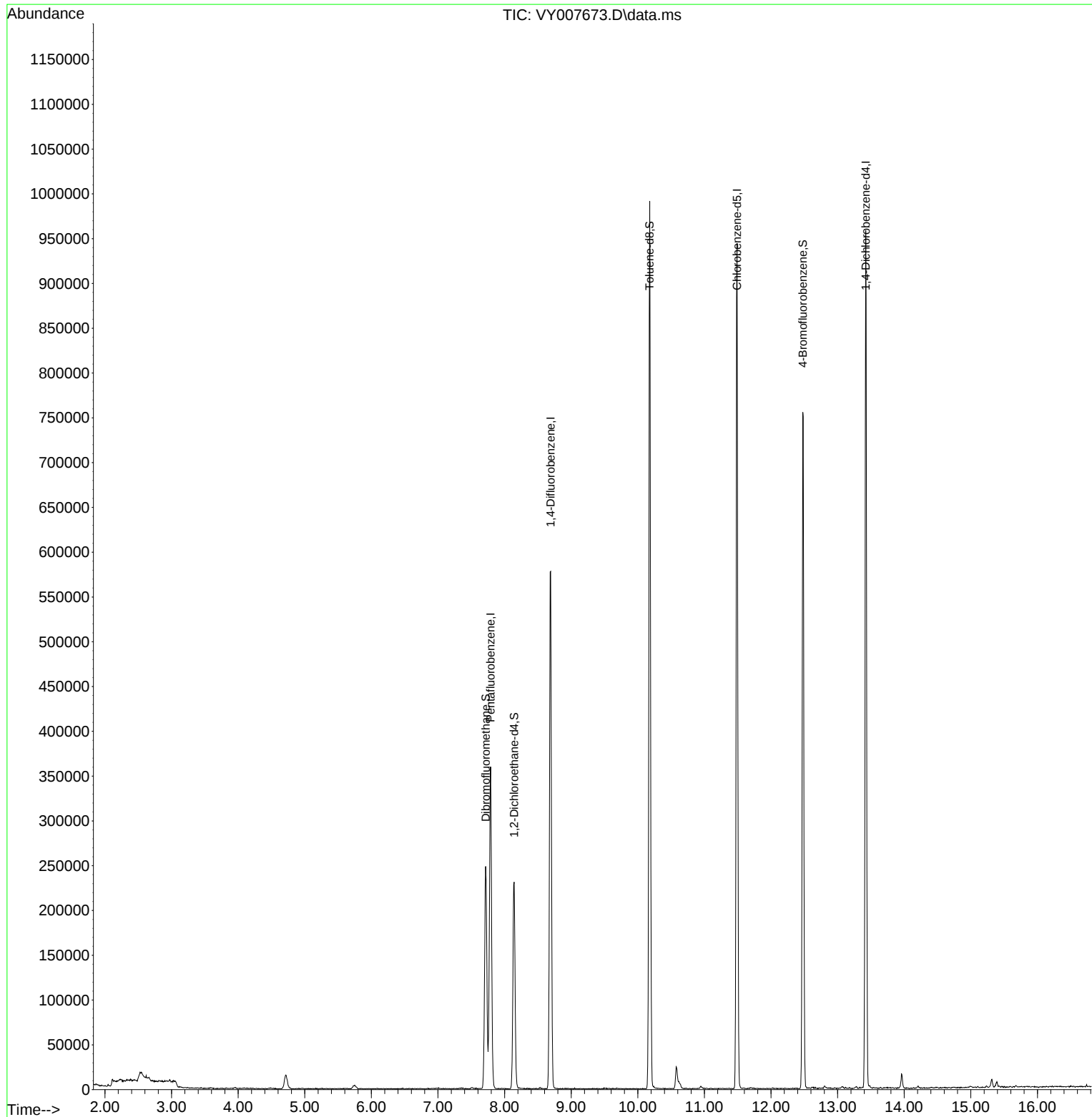
Target Compounds	Qvalue

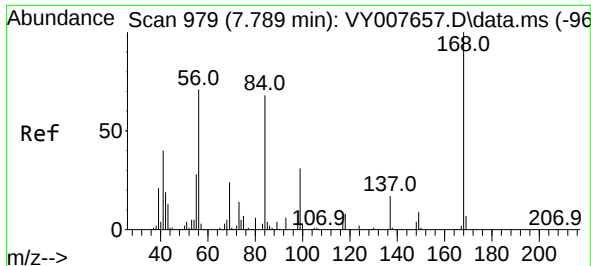
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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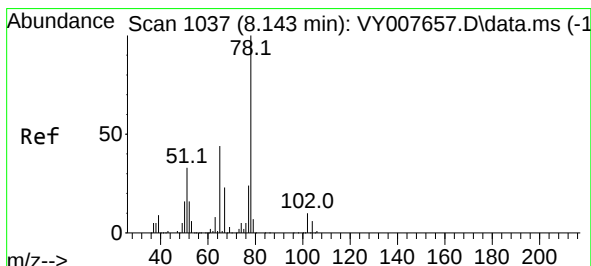
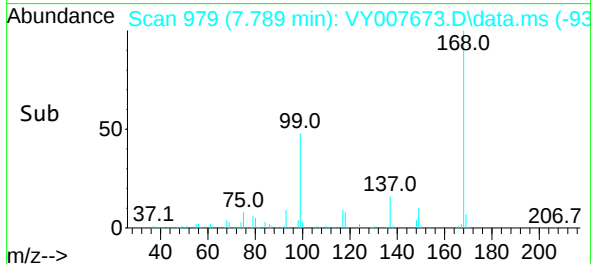
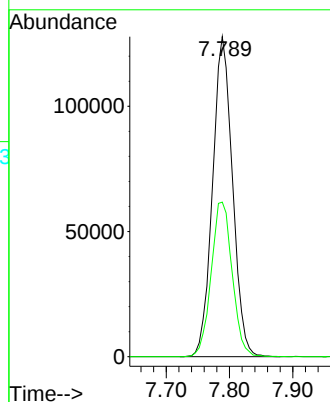
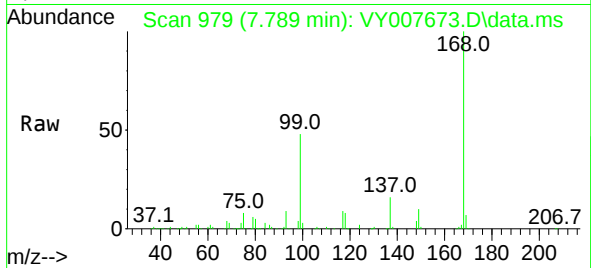




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

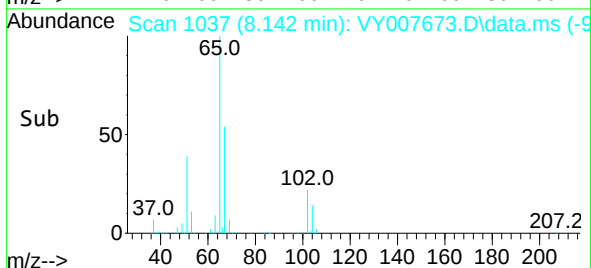
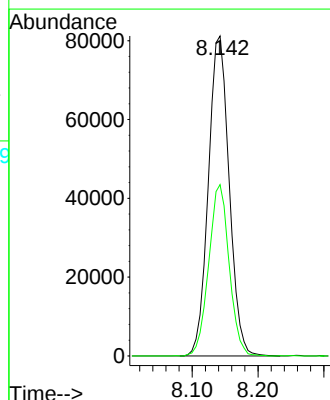
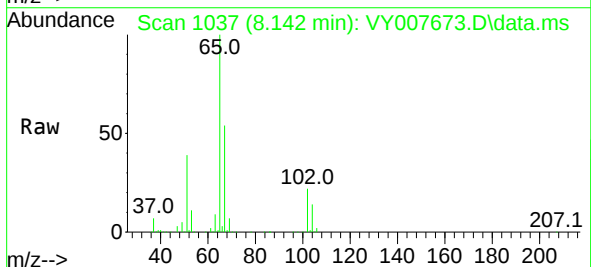
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

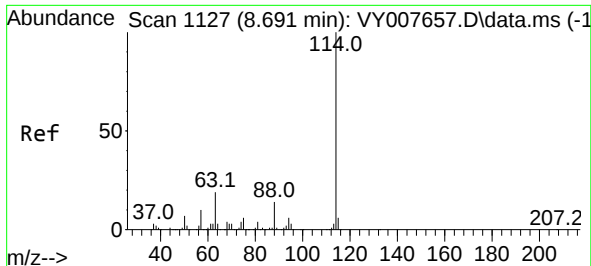
Tgt Ion:168 Resp: 280040
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.929 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 65 Resp: 178628
Ion Ratio Lower Upper
65 100
67 52.7 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: VY007673.D

Acq: 01 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

DUM-5

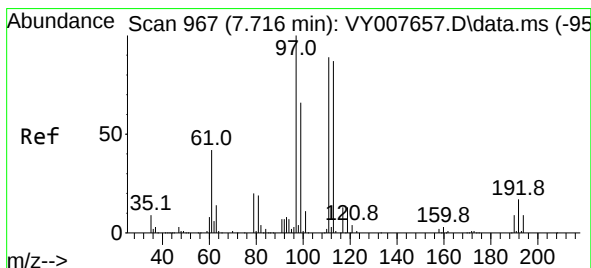
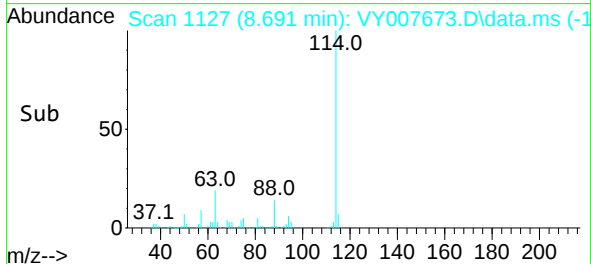
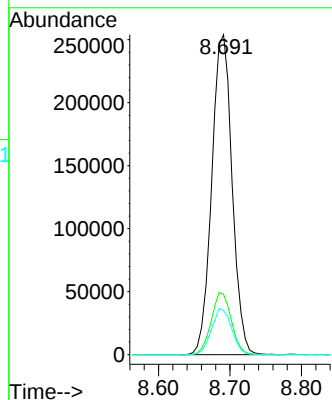
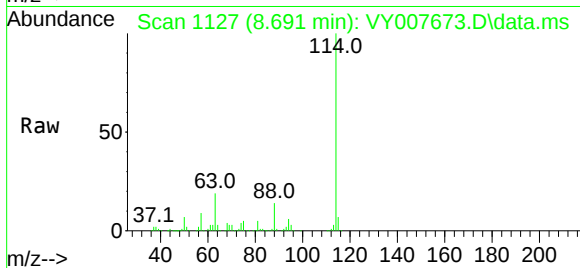
Tgt Ion:114 Resp: 501634

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.980 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY007673.D

Acq: 01 Mar 2022 17:23

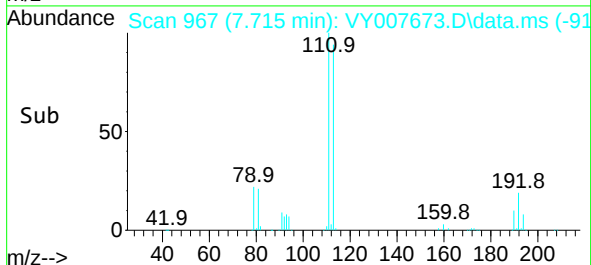
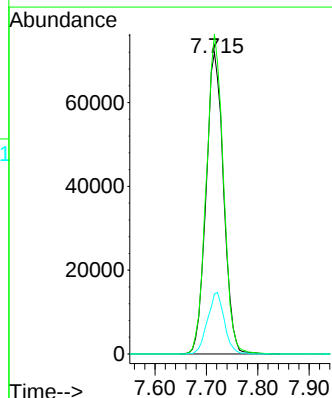
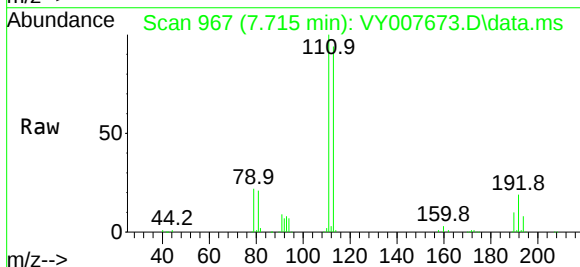
Tgt Ion:113 Resp: 169912

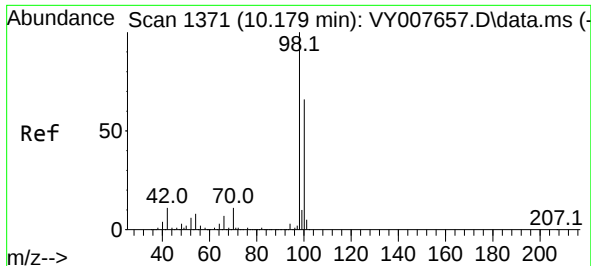
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.7 17.6 26.4

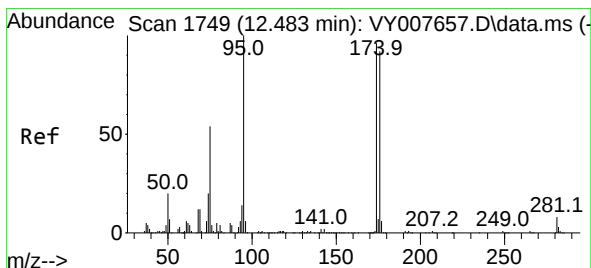
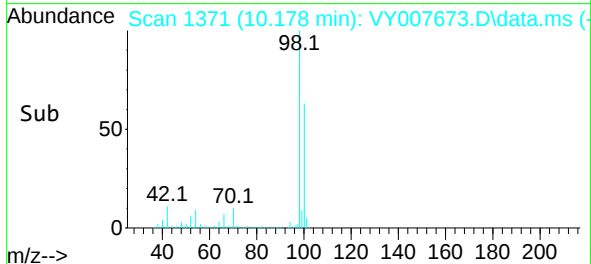
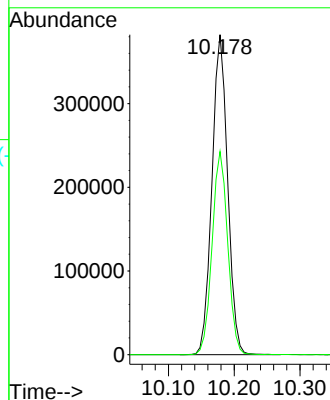
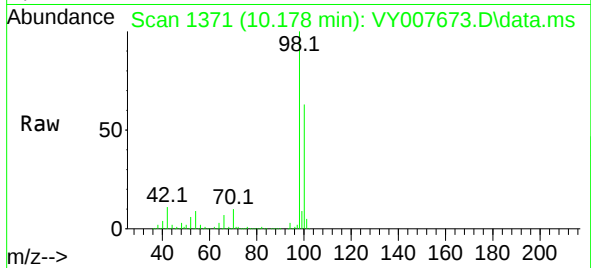




#50
Toluene-d8
Concen: 53.730 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

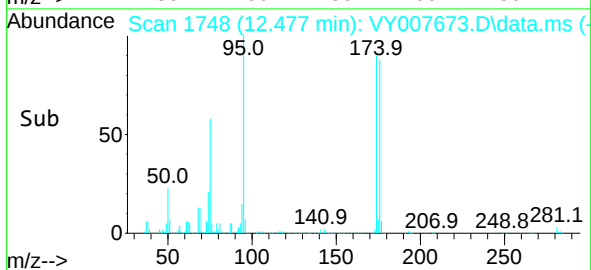
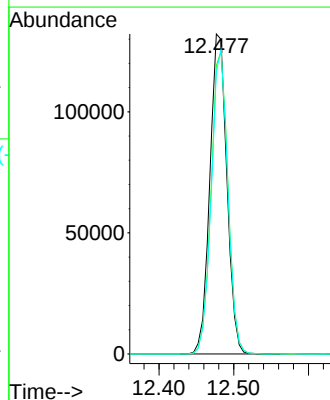
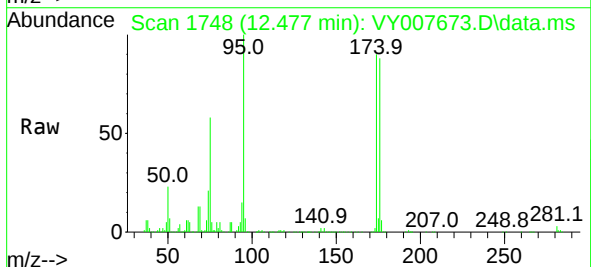
Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

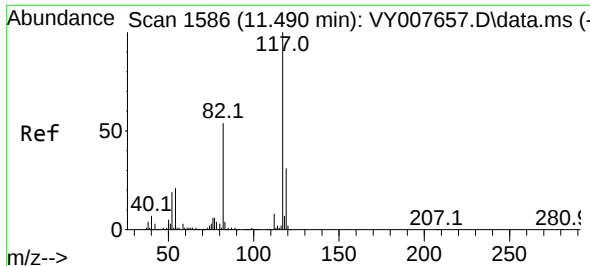
Tgt Ion: 98 Resp: 634306
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.783 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion: 95 Resp: 208474
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 92.1 0.0 175.8

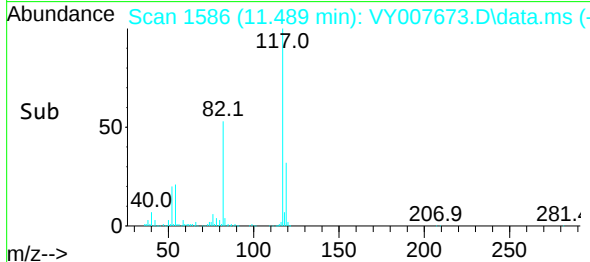
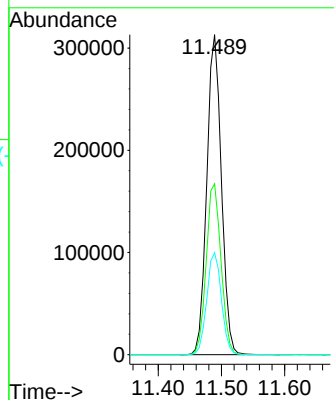
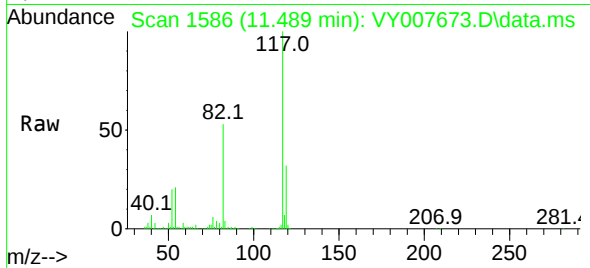




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
DUM-5

Tgt Ion:117 Resp: 503086
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007673.D
Acq: 01 Mar 2022 17:23

Tgt Ion:152 Resp: 236811
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.1 0.0 347.6

