

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007821.D
 Acq On : 10 Mar 2022 12:22
 Operator : SY/MD
 Sample : VY0310SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0310SBL01

Quant Time: Mar 10 23:55:29 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	7.795	168	221258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	351141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142523	61.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.060%
35) Dibromofluoromethane	7.722	113	130355	52.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.000%
50) Toluene-d8	10.179	98	471774	52.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.483	95	136149	46.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

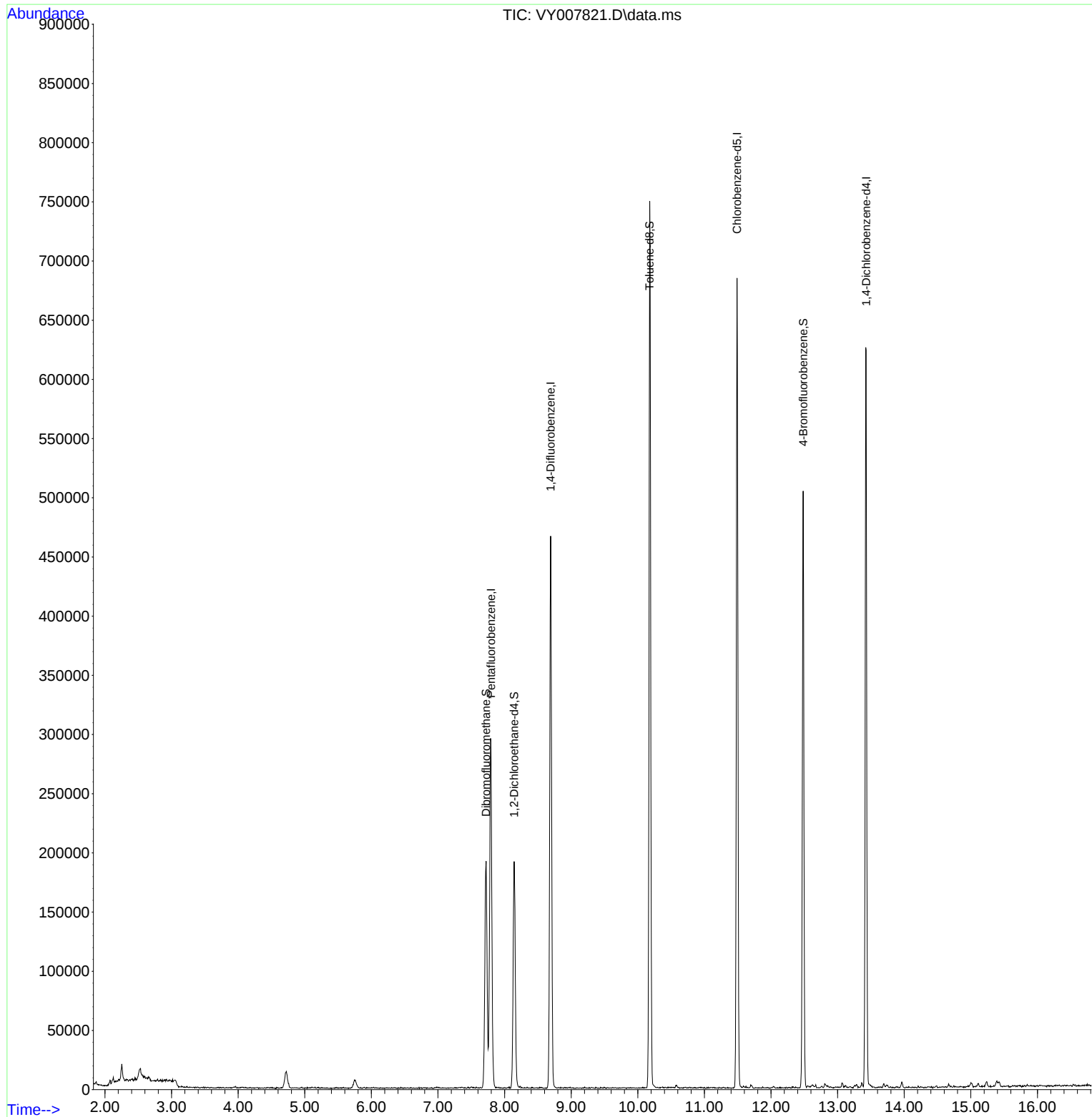
Target Compounds	Qvalue

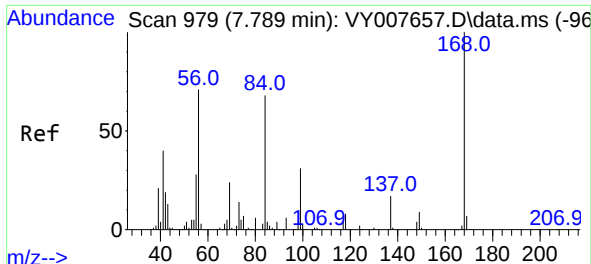
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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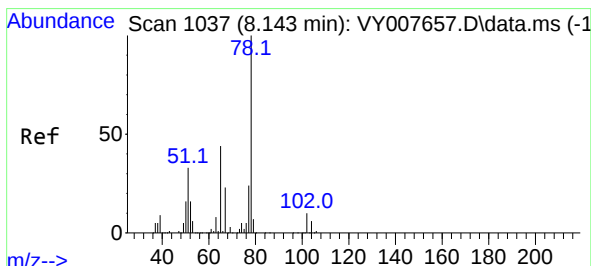
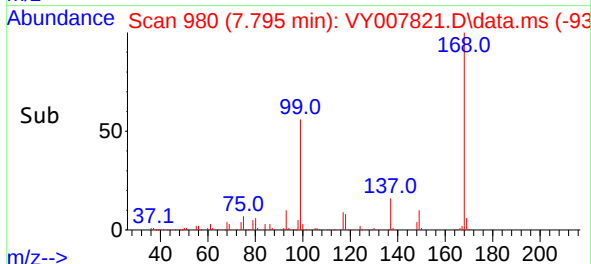
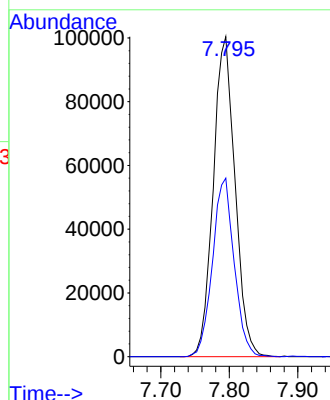
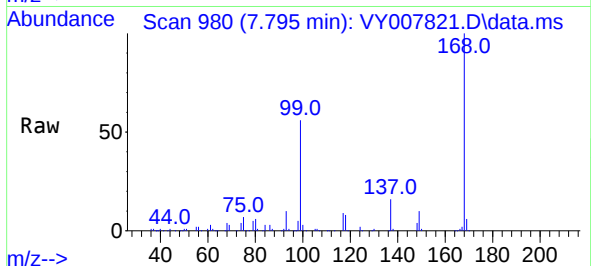




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

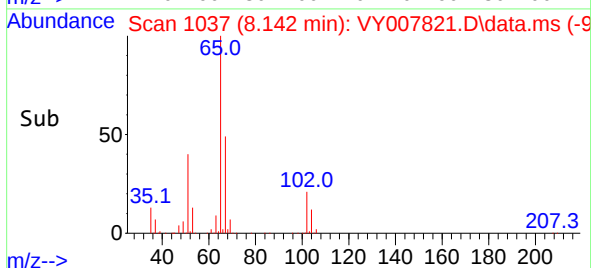
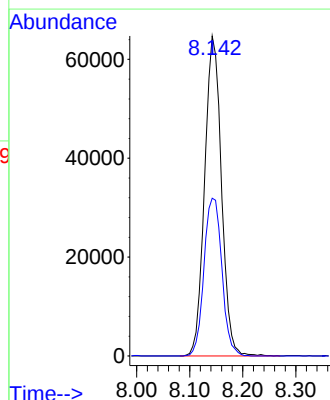
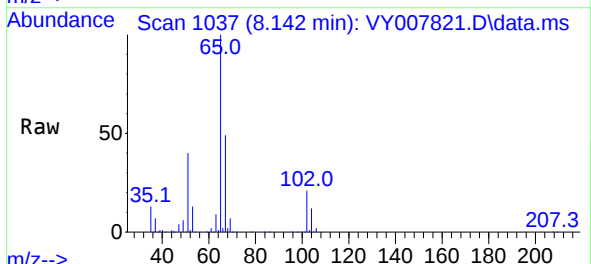
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

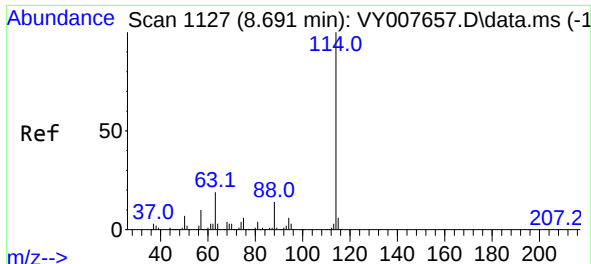
Tgt Ion:168 Resp: 221258
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.529 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 65 Resp: 142523
Ion Ratio Lower Upper
65 100
67 52.4 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: VY007821.D

Acq: 10 Mar 2022 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0310SBL01

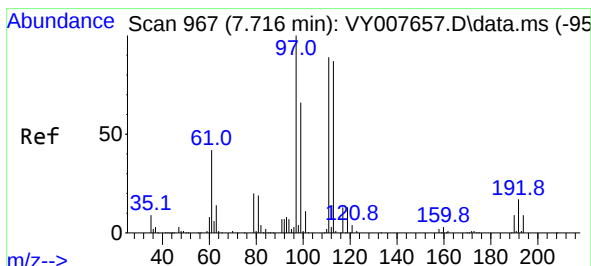
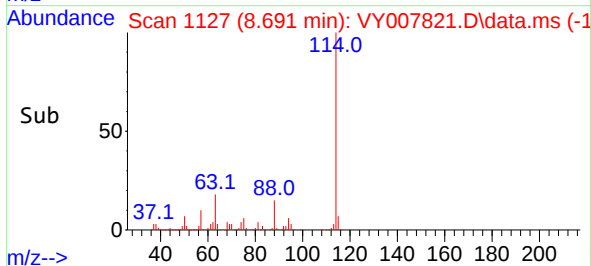
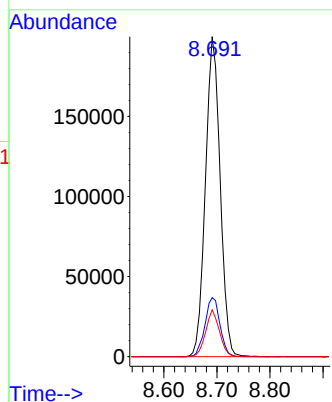
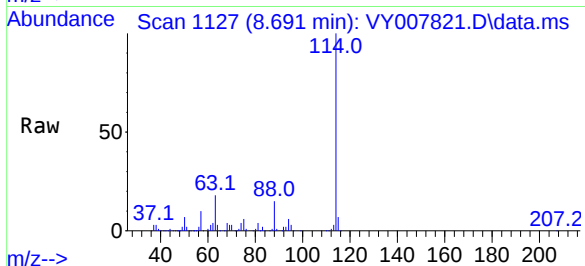
Tgt Ion:114 Resp: 384707

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.999 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007821.D

Acq: 10 Mar 2022 12:22

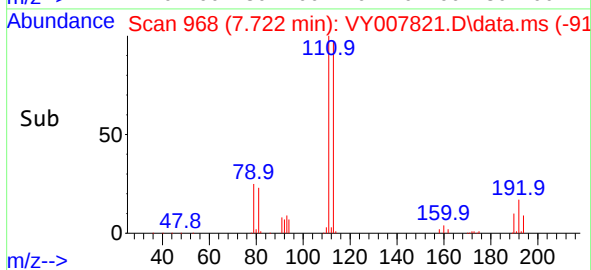
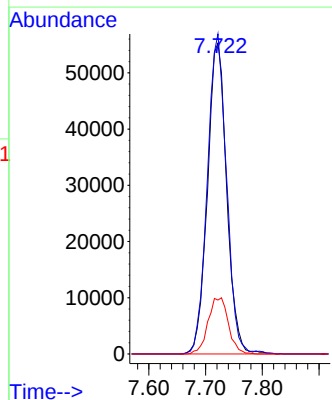
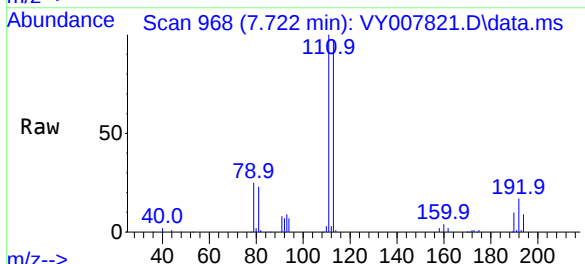
Tgt Ion:113 Resp: 130355

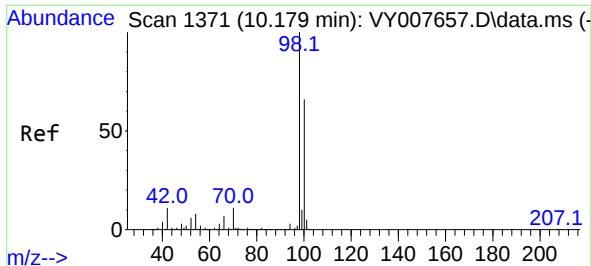
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.1 17.6 26.4

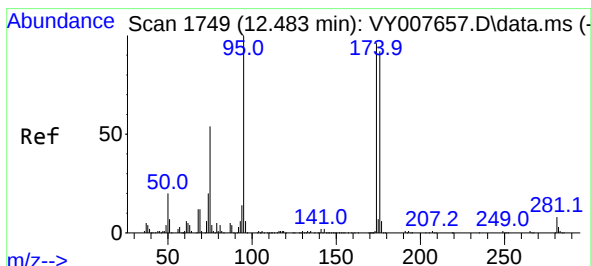
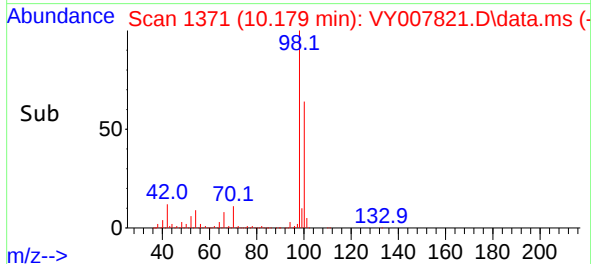
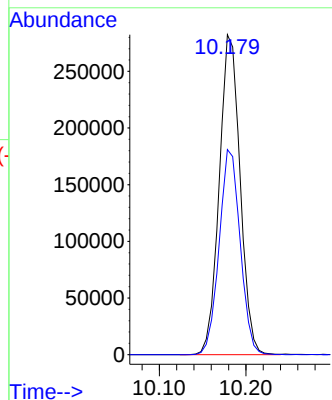
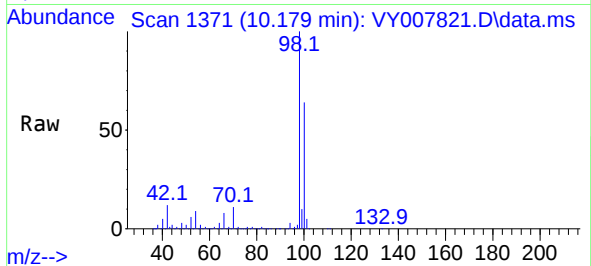




#50
Toluene-d8
Concen: 52.108 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

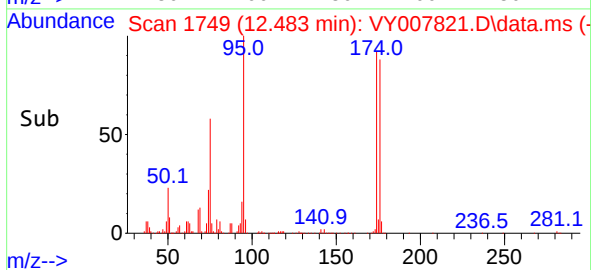
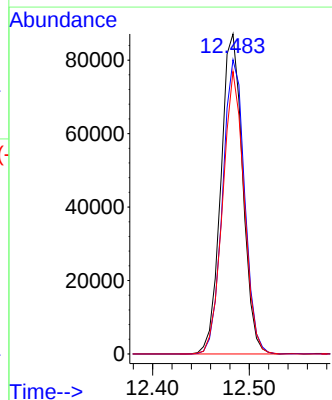
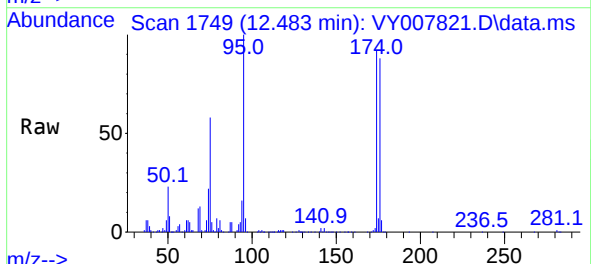
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

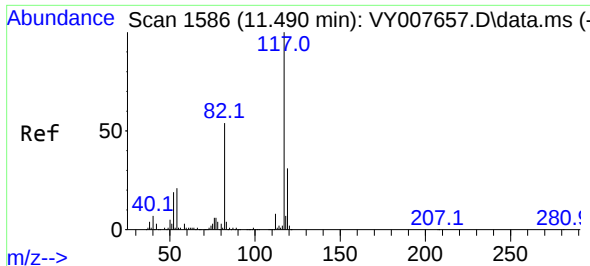
Tgt Ion: 98 Resp: 471774
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 95 Resp: 136149
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 86.5 0.0 175.8

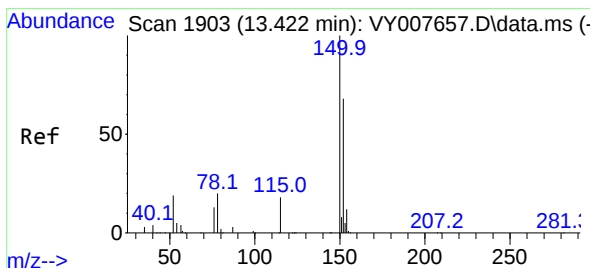
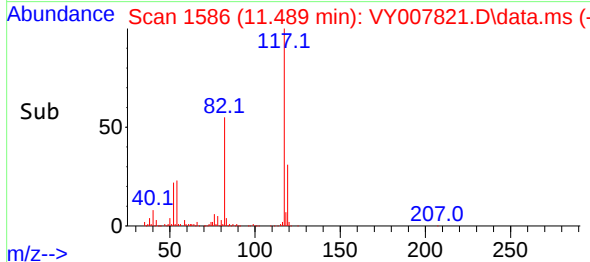
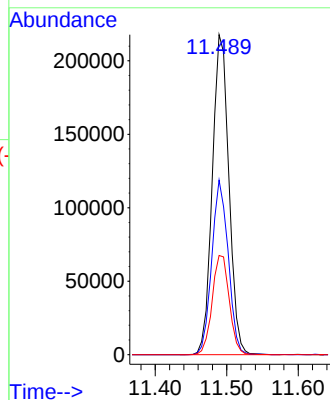
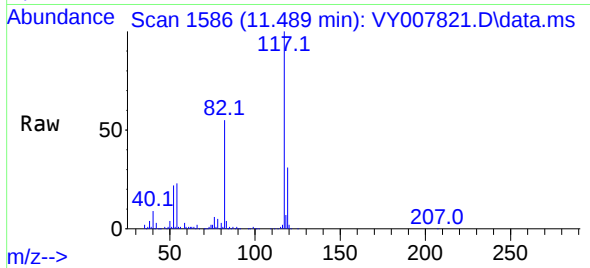




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Tgt Ion:117 Resp: 351141
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.0 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: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion:152 Resp: 151613
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 156.4 0.0 347.6

