

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008283.D
 Acq On : 12 Apr 2022 12:31
 Operator : KP/MD
 Sample : VY0412SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBL01

Quant Time: Apr 13 08:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	125608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	67481	57.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.716	113	70966	55.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.080%
50) Toluene-d8	10.179	98	271261	61.487	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.980%
62) 4-Bromofluorobenzene	12.483	95	90931	54.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.600%

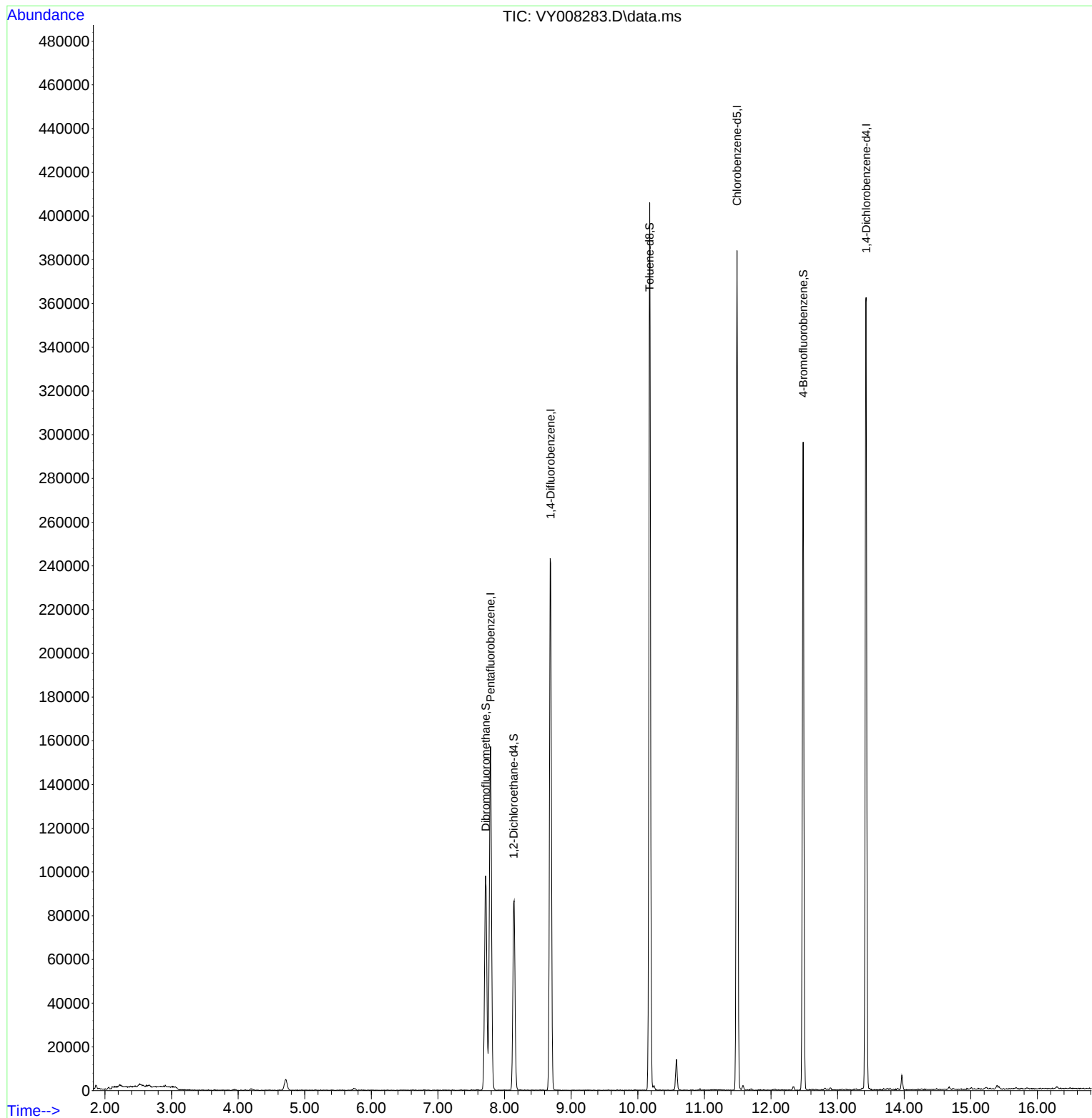
Target Compounds	Qvalue

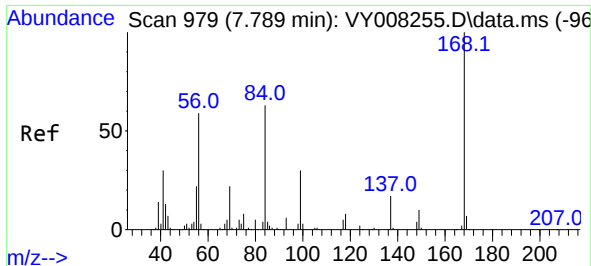
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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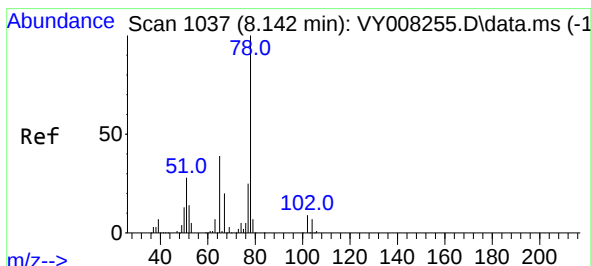
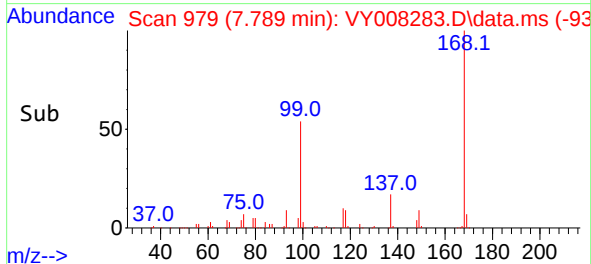
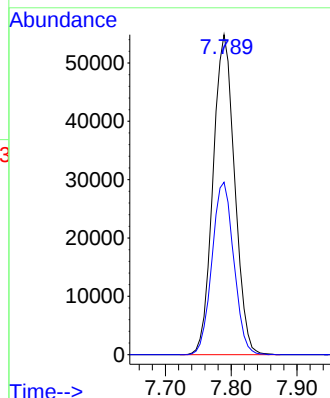
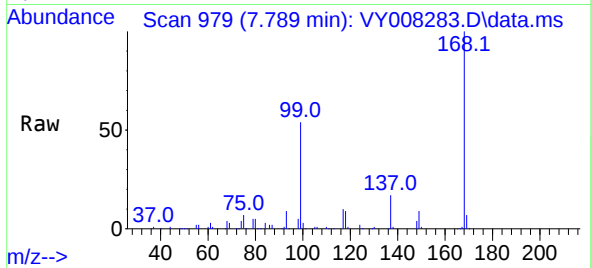




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

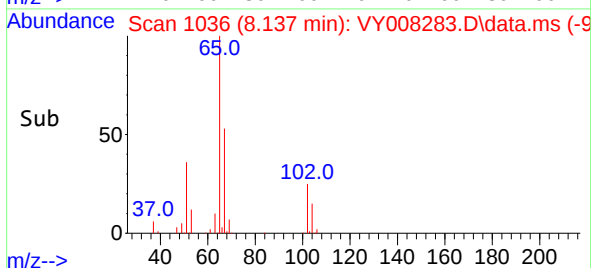
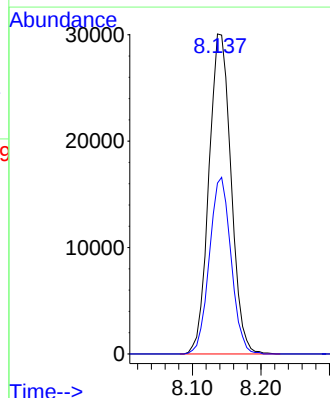
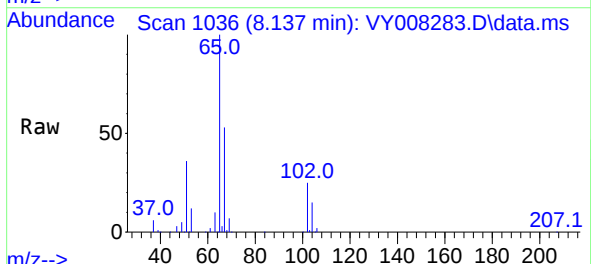
Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

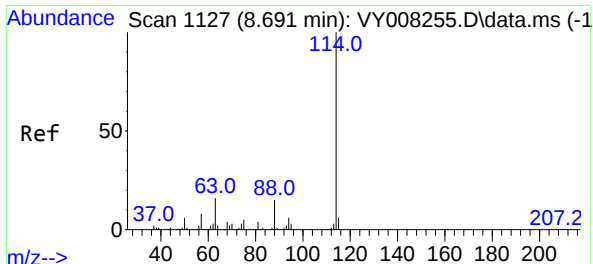
Tgt Ion:168 Resp: 125608
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.194 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

Tgt Ion: 65 Resp: 67481
Ion Ratio Lower Upper
65 100
67 53.9 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: VY008283.D

Acq: 12 Apr 2022 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0412SBL01

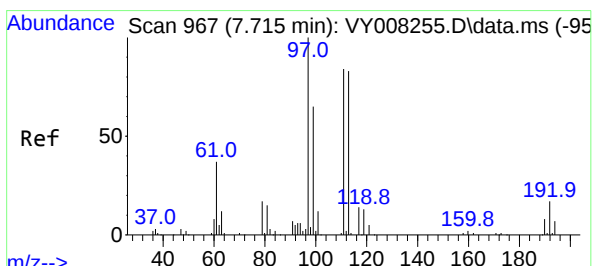
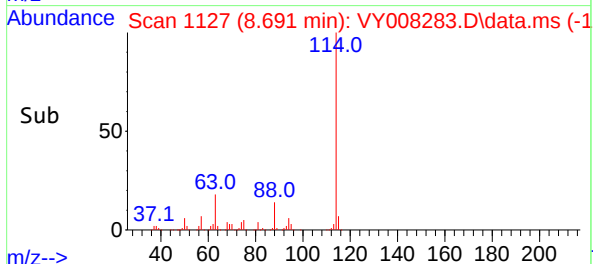
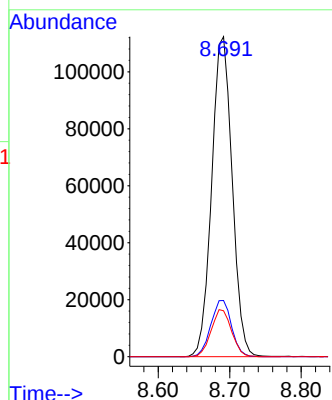
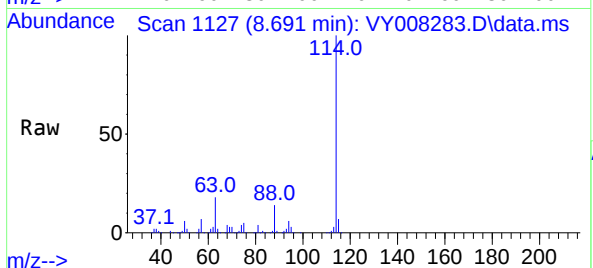
Tgt Ion:114 Resp: 223221

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.043 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008283.D

Acq: 12 Apr 2022 12:31

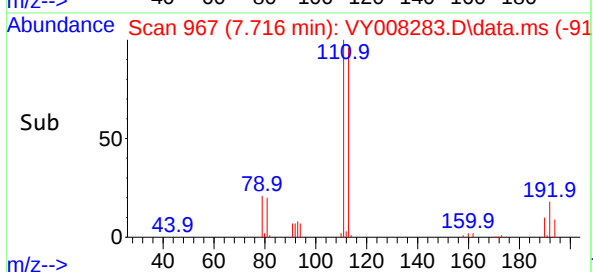
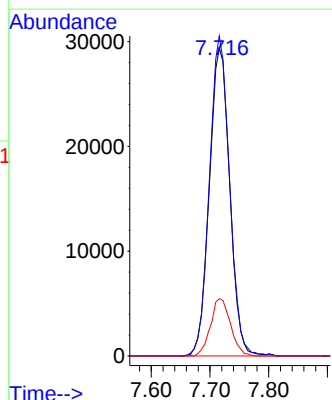
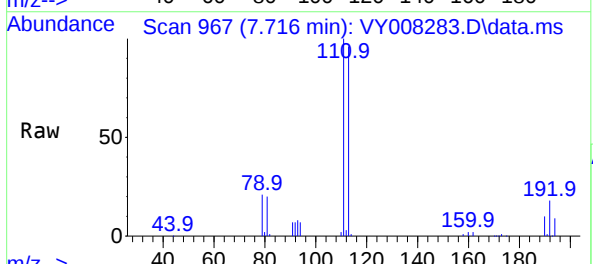
Tgt Ion:113 Resp: 70966

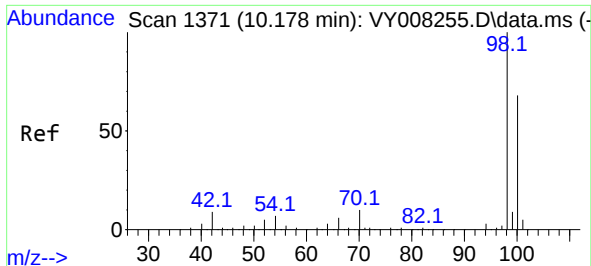
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.2 17.6 26.4

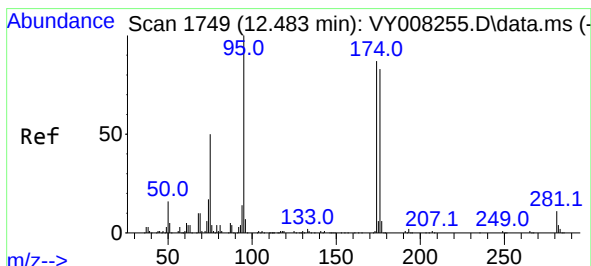
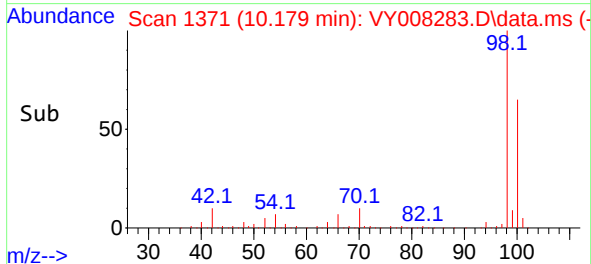
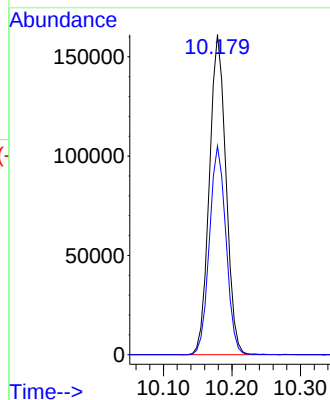
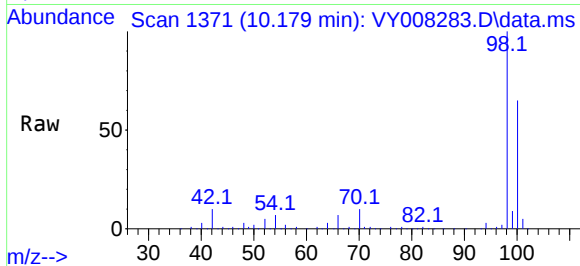




#50
Toluene-d8
Concen: 61.487 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

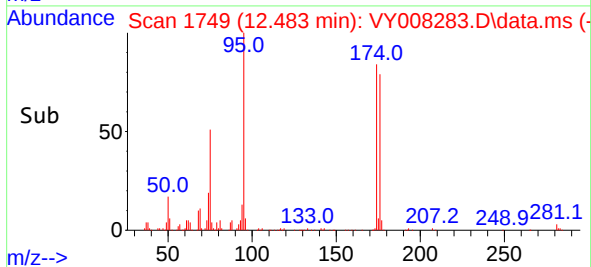
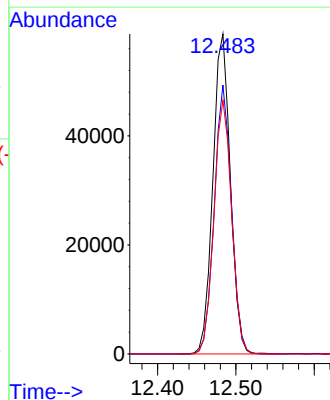
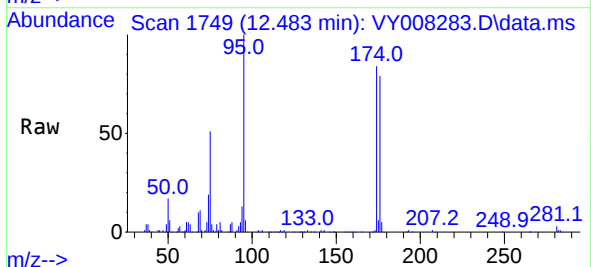
Instrument :
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VY0412SBL01

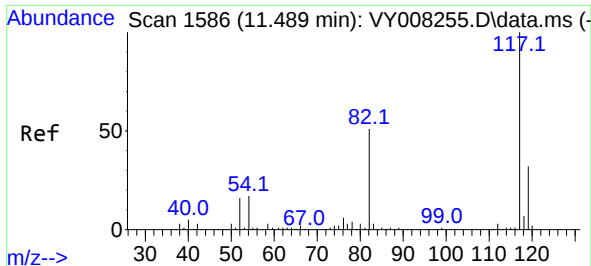
Tgt Ion: 98 Resp: 271261
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.799 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

Tgt Ion: 95 Resp: 90931
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 80.1 0.0 175.8

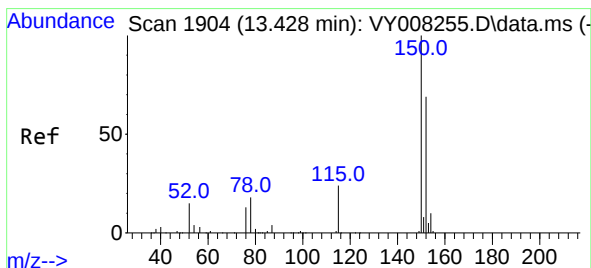
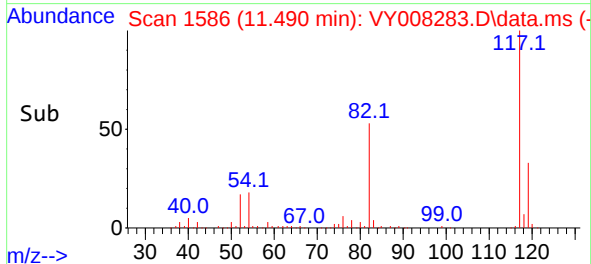
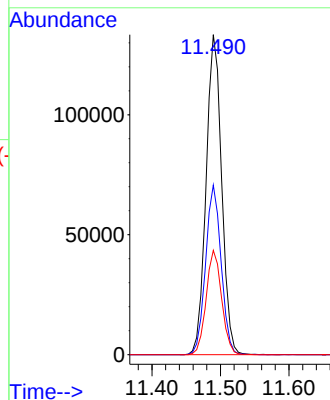
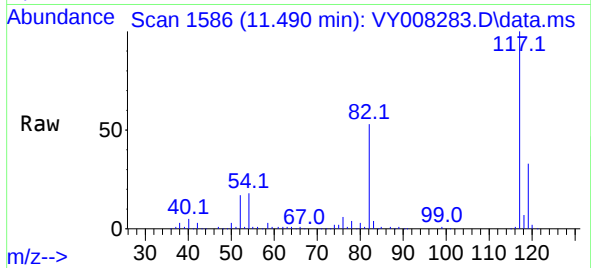




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBL01

Tgt Ion:117 Resp: 210740
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008283.D
Acq: 12 Apr 2022 12:31

Tgt Ion:152 Resp: 93605
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.4 0.0 347.6

