

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011917.D
 Acq On : 20 Dec 2022 12:39
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 20 13:18:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	177218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107015	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98214	55.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.020%
35) Dibromofluoromethane	7.716	113	87771	50.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.179	98	341572	48.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.483	95	104840	44.272	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.540%

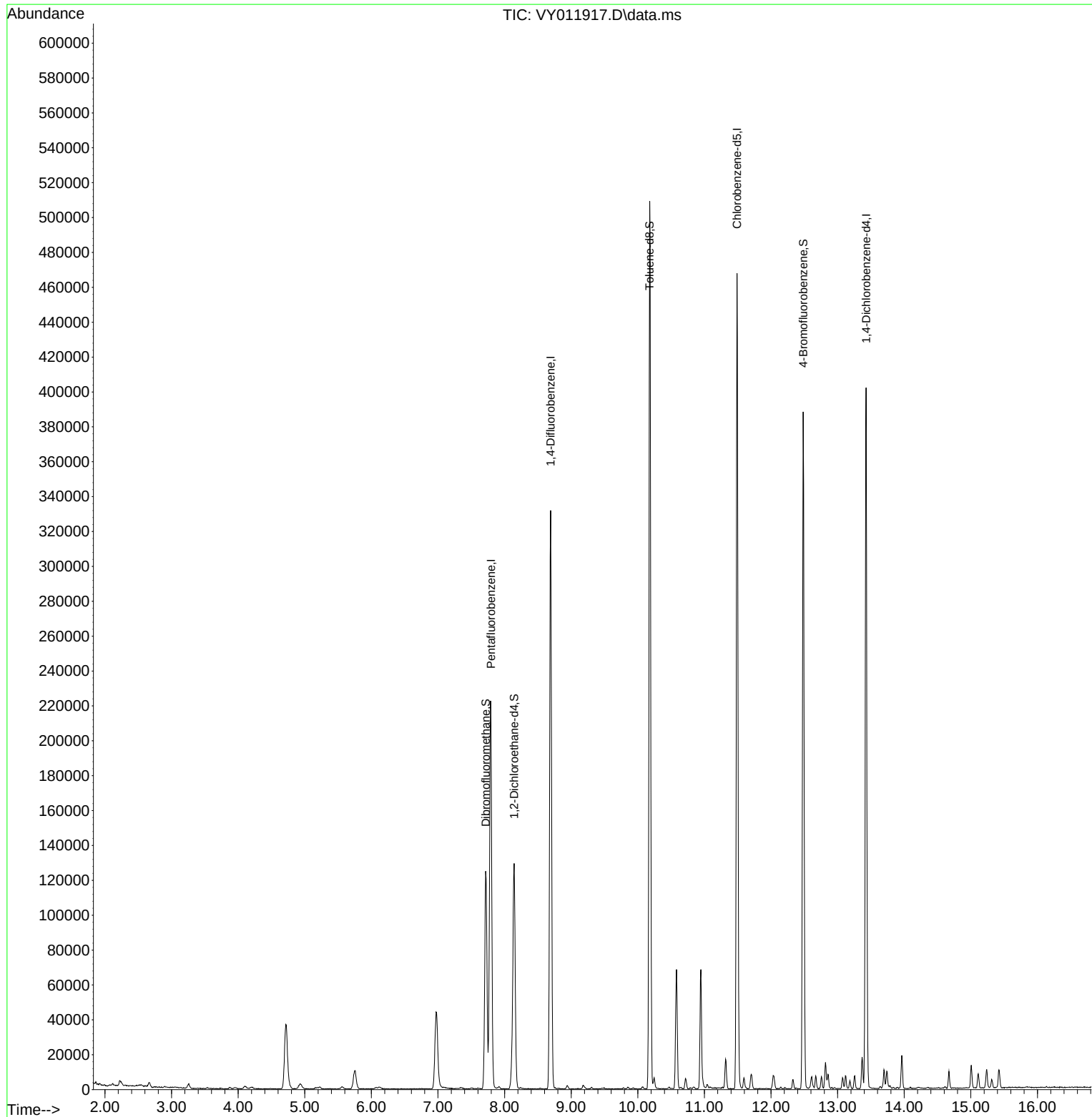
Target Compounds	Qvalue

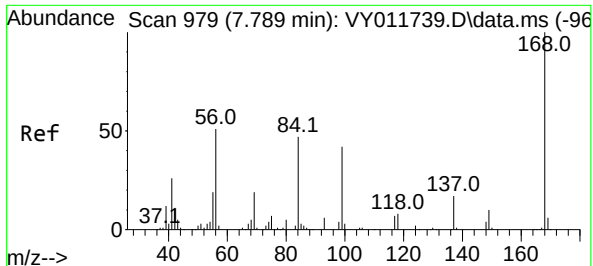
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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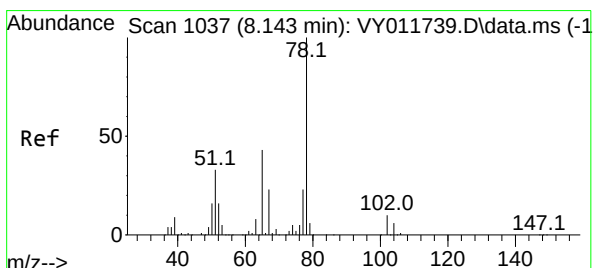
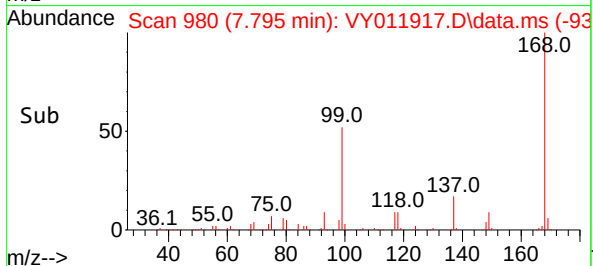
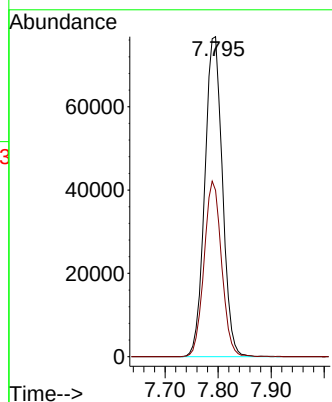
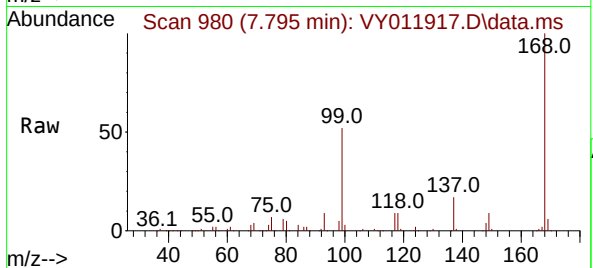




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

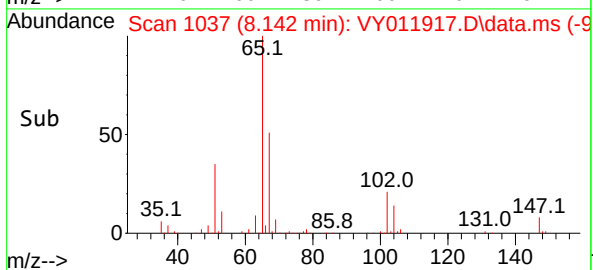
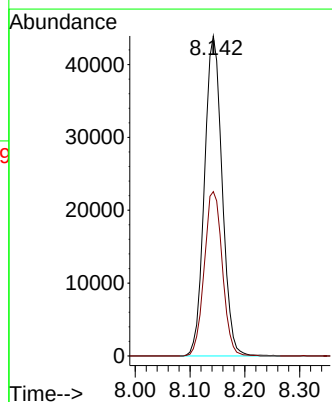
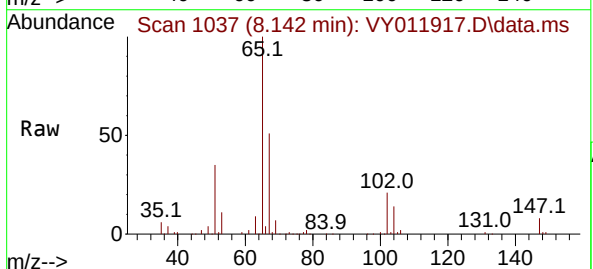
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

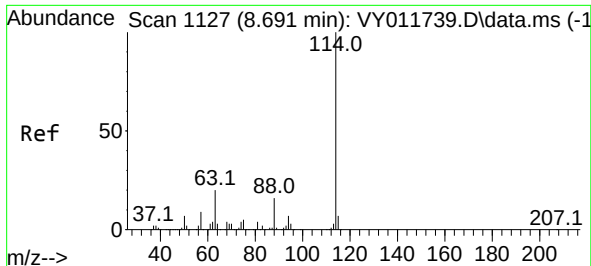
Tgt Ion:168 Resp: 177218
Ion Ratio Lower Upper
168 100
99 52.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

Tgt Ion: 65 Resp: 98214
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011917.D

Acq: 20 Dec 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

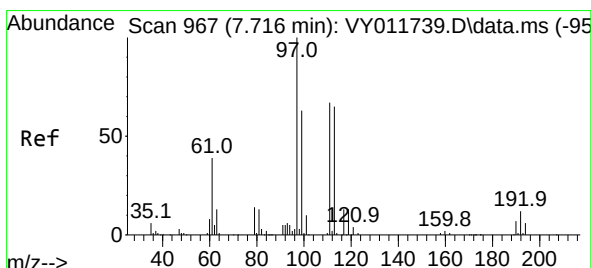
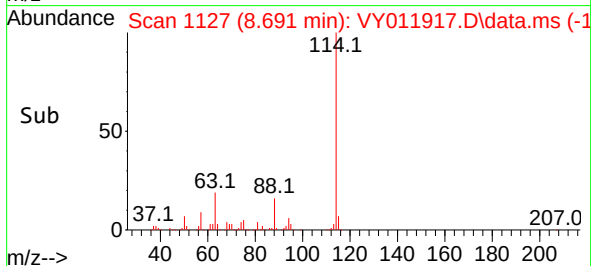
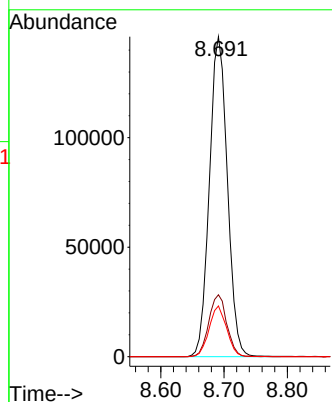
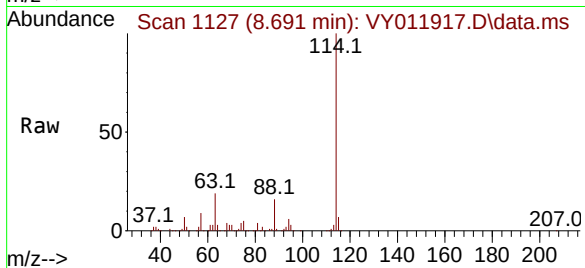
Tgt Ion:114 Resp: 288266

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.576 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011917.D

Acq: 20 Dec 2022 12:39

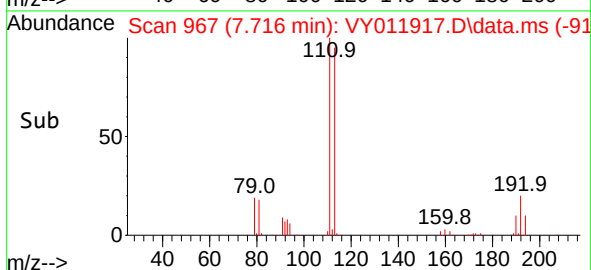
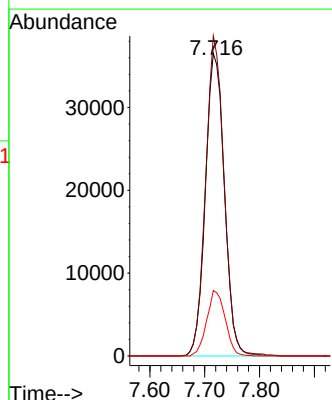
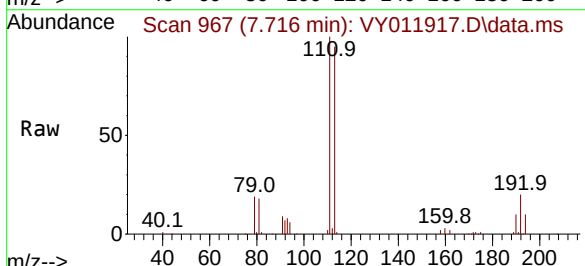
Tgt Ion:113 Resp: 87771

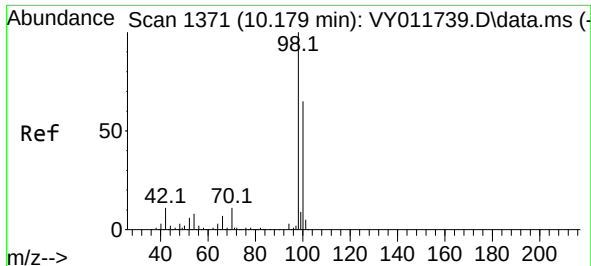
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 21.0 16.0 24.0

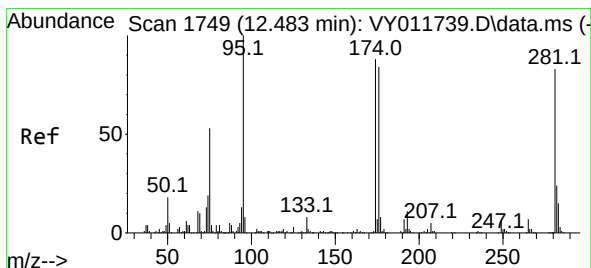
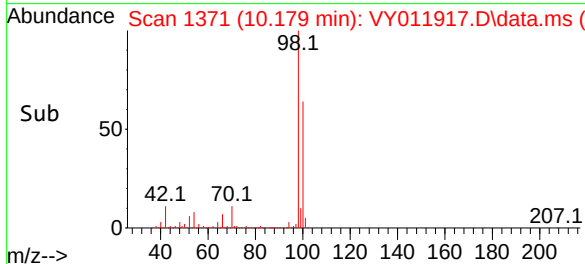
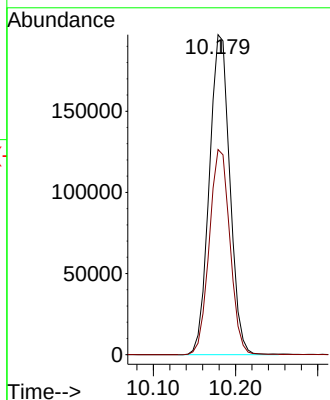
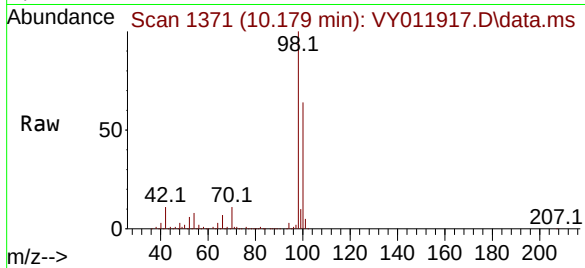




#50
Toluene-d8
Concen: 48.511 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

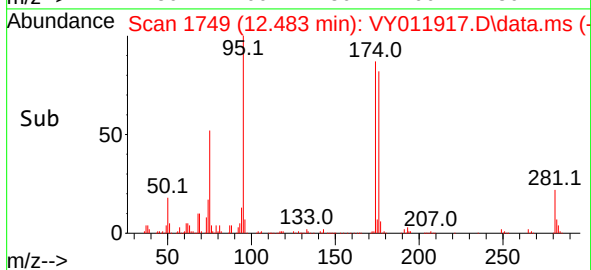
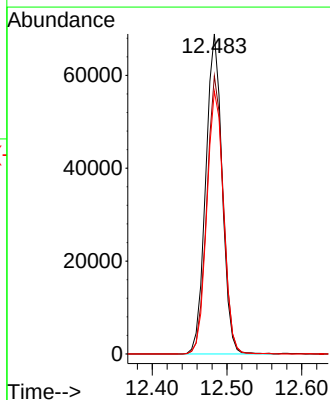
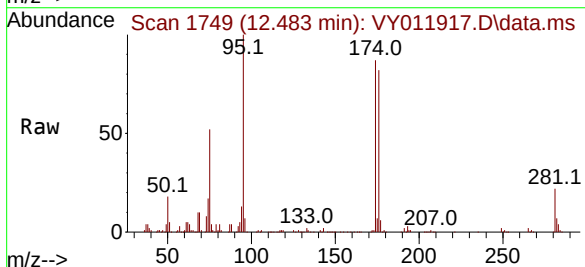
Instrument :
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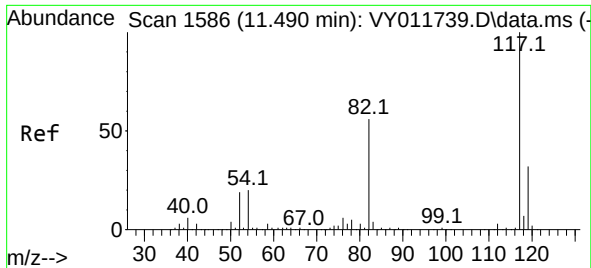
Tgt Ion: 98 Resp: 341572
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.272 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

Tgt Ion: 95 Resp: 104840
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.0
176 84.0 0.0 167.6

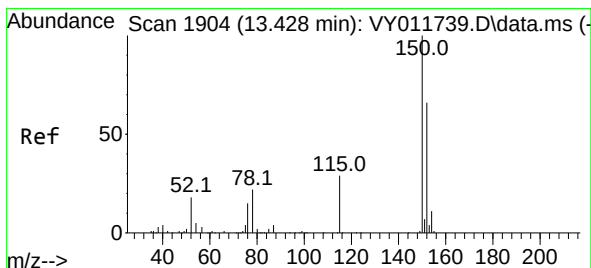
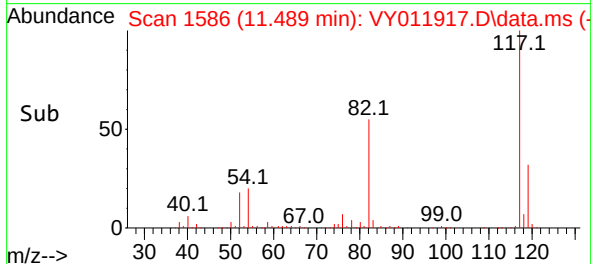
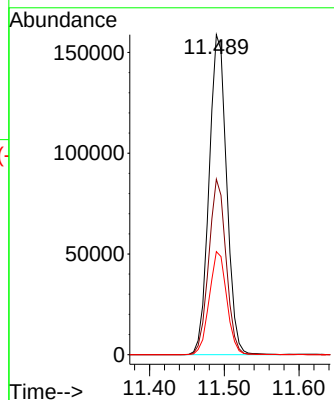
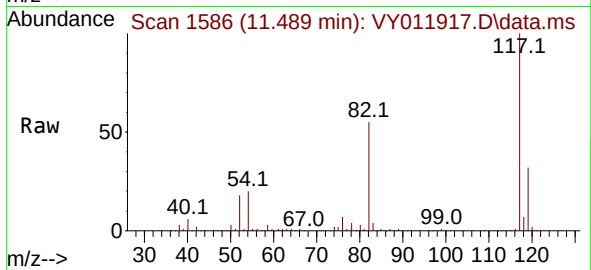




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 259752
Ion Ratio Lower Upper
117 100
82 54.9 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011917.D
Acq: 20 Dec 2022 12:39

Tgt Ion:152 Resp: 107015
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.1 0.0 342.6

