

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006656.D
 Acq On : 05 Nov 2021 15:08
 Operator : SY/MD
 Sample : M4477-03
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T1-EP03-S

Quant Time: Nov 06 20:39:14 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	117396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85413	59.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.240%
35) Dibromofluoromethane	7.728	113	62074	55.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.840%
50) Toluene-d8	10.185	98	257071	54.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.260%
62) 4-Bromofluorobenzene	12.483	95	77033	48.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%

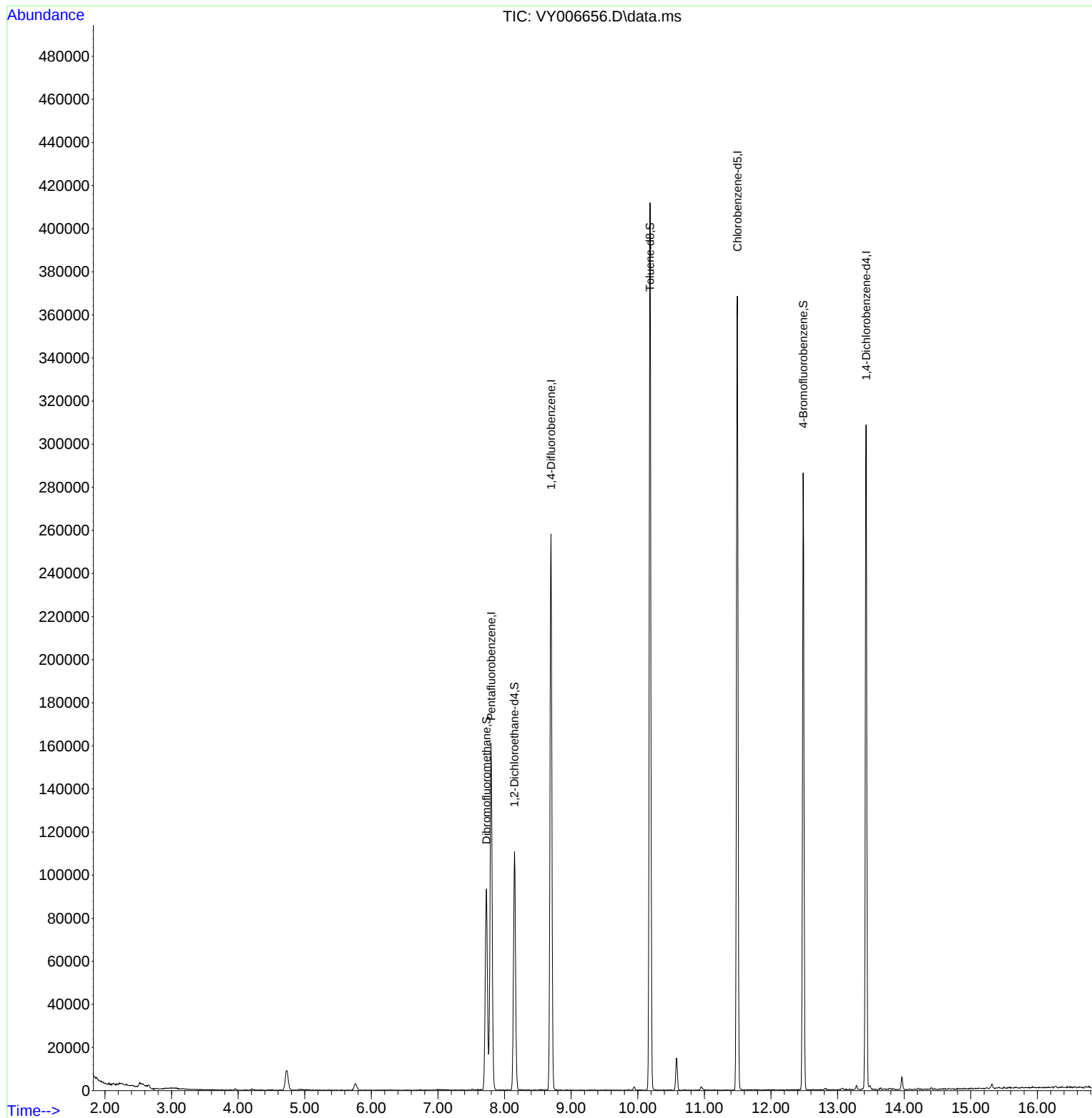
Target Compounds	Qvalue

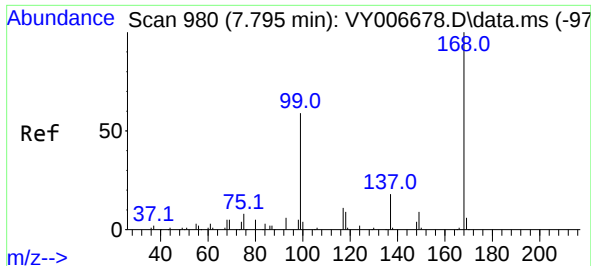
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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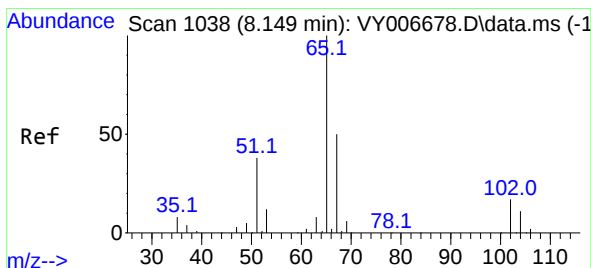
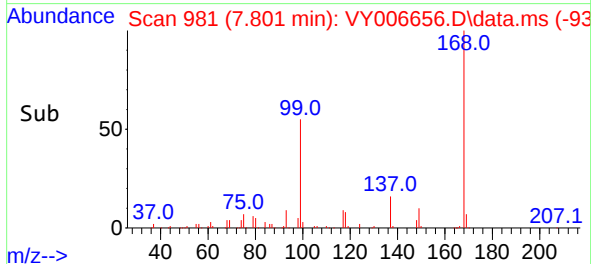
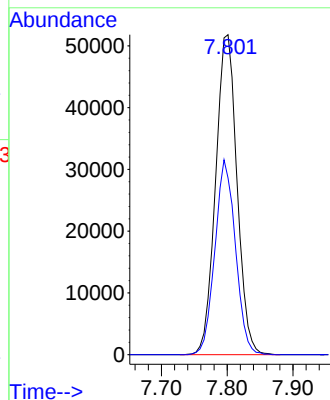
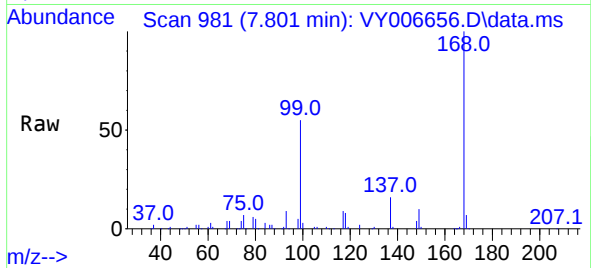




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

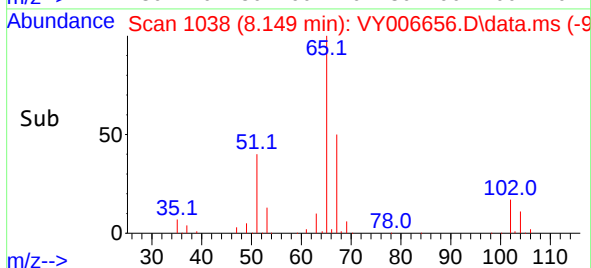
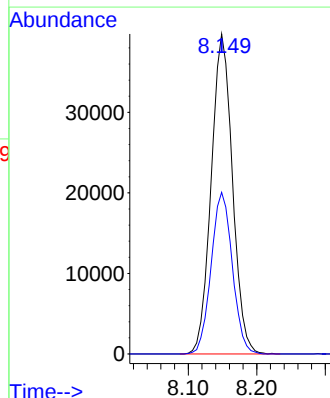
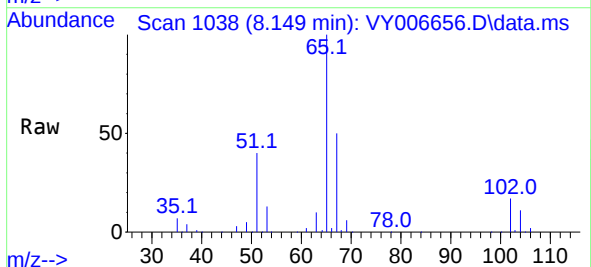
Instrument :
MSVOA_Y
ClientSampleId :
T1-EP03-S

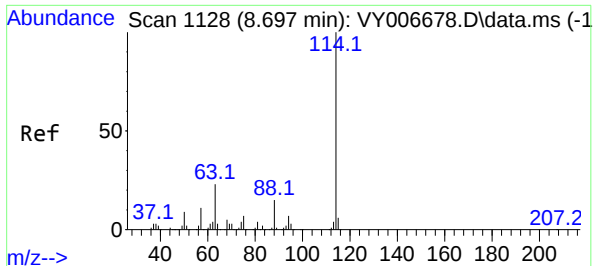
Tgt Ion:168 Resp: 117396
Ion Ratio Lower Upper
168 100
99 55.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 59.124 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion: 65 Resp: 85413
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006656.D

Acq: 05 Nov 2021 15:08

Instrument :

MSVOA_Y

ClientSampleId :

T1-EP03-S

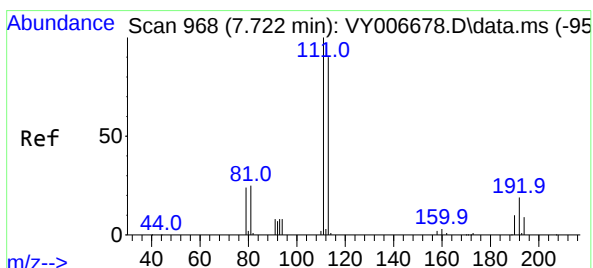
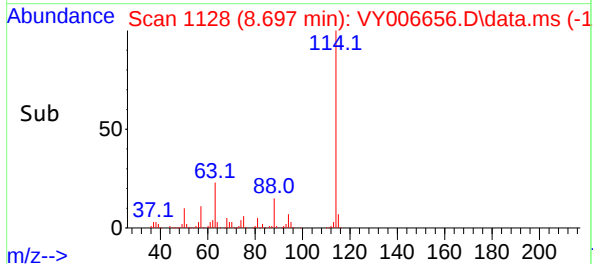
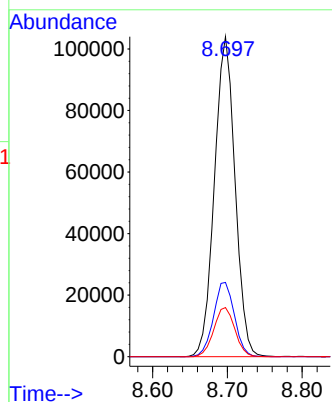
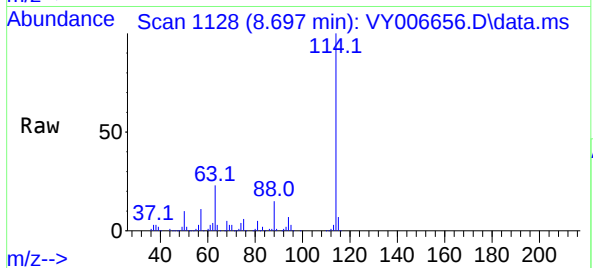
Tgt Ion:114 Resp: 199162

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.919 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006656.D

Acq: 05 Nov 2021 15:08

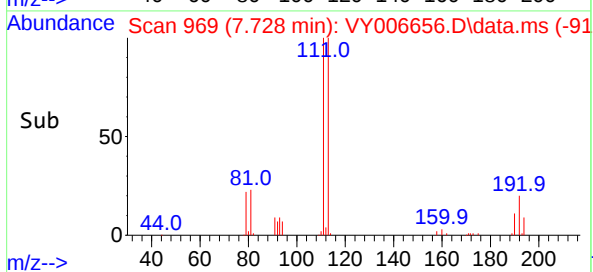
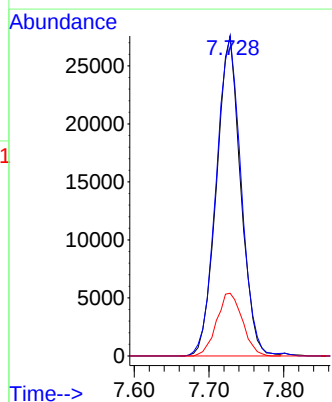
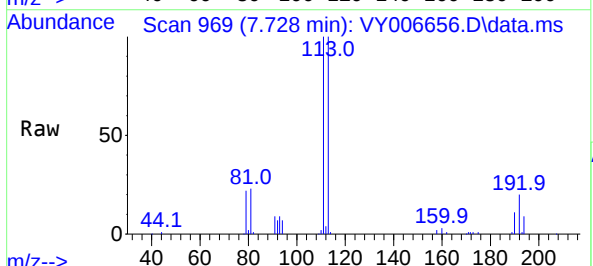
Tgt Ion:113 Resp: 62074

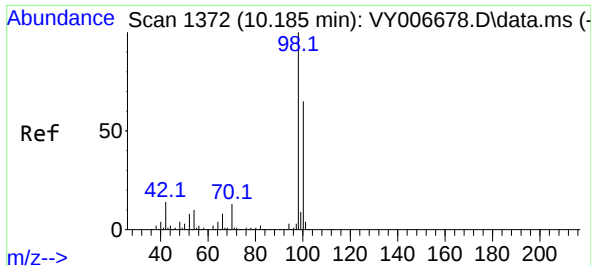
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 20.9 17.4 26.2

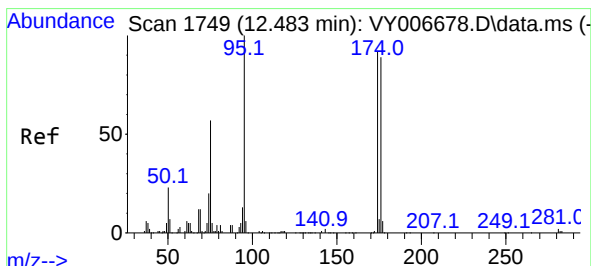
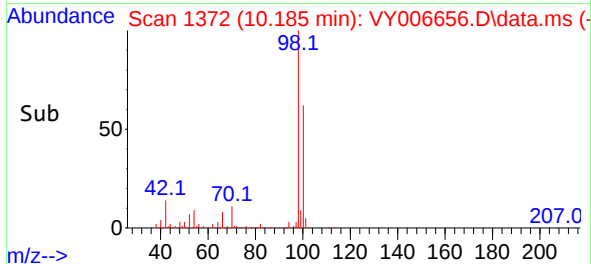
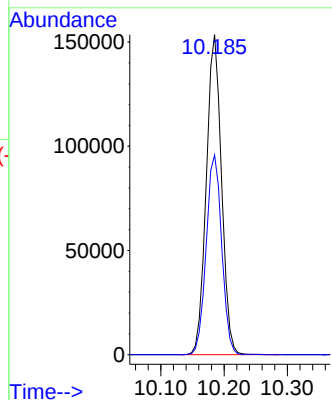
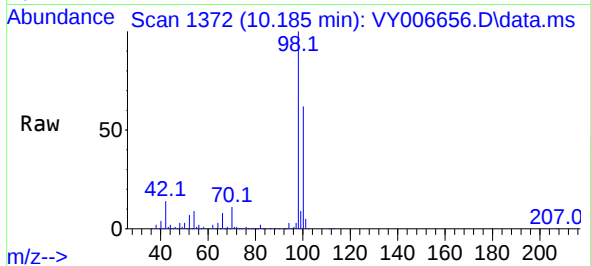




#50
Toluene-d8
Concen: 54.629 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

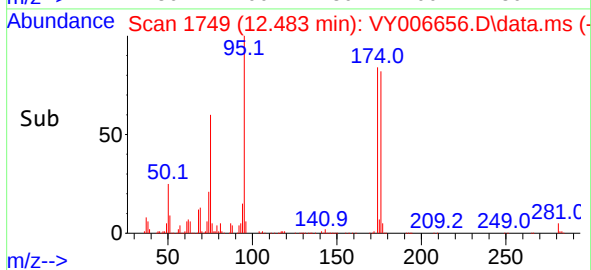
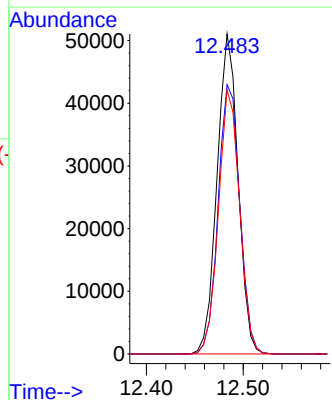
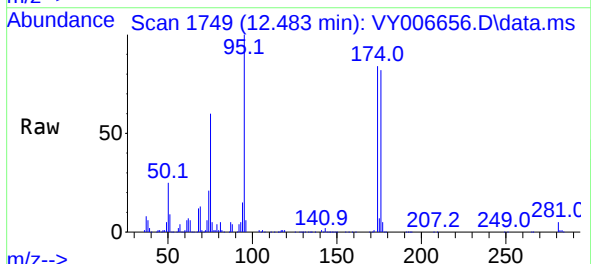
Instrument :
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T1-EP03-S

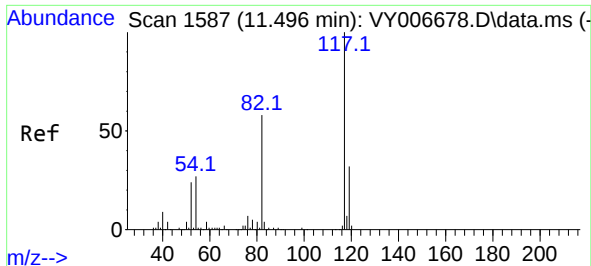
Tgt Ion: 98 Resp: 257071
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion: 95 Resp: 77033
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 82.9 0.0 169.4

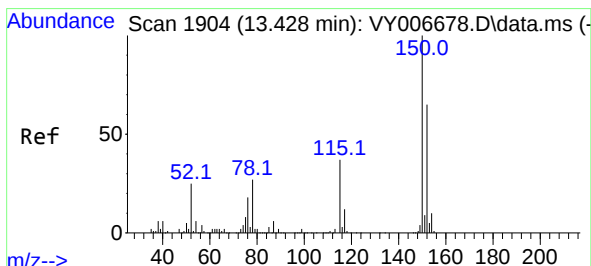
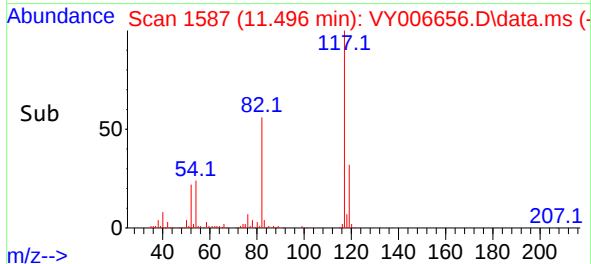
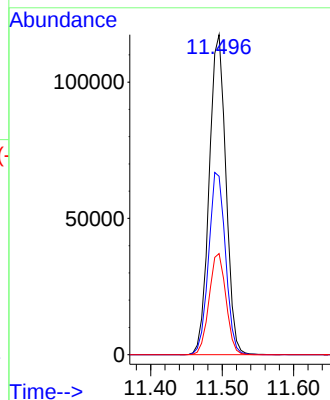
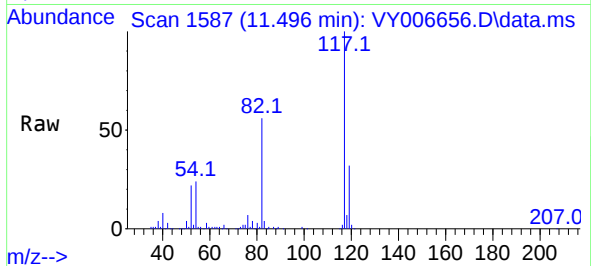




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
T1-EP03-S

Tgt Ion:117 Resp: 190360
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006656.D
Acq: 05 Nov 2021 15:08

Tgt Ion:152 Resp: 74941
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 152.5 0.0 348.2

