

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008267.D
 Acq On : 11 Apr 2022 12:53
 Operator : KP/MD
 Sample : N2272-05RE
 Misc : 3.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Apr 12 06:56:59 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	87025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	108040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25849	31.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.240%
35) Dibromofluoromethane	7.722	113	37338	45.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.185	98	162337	58.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.780%
62) 4-Bromofluorobenzene	12.483	95	38898	37.196	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.400%

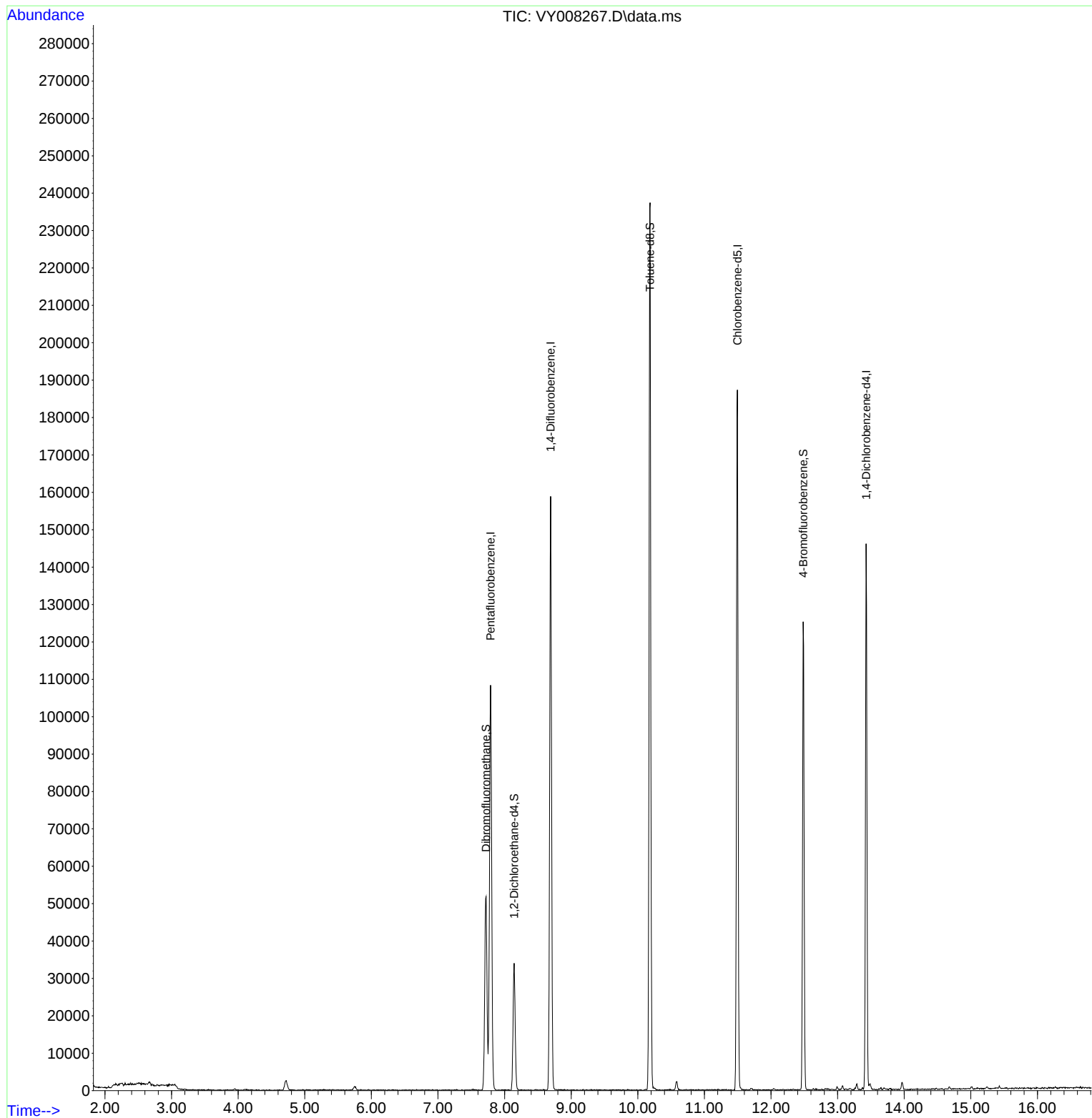
Target Compounds	Qvalue

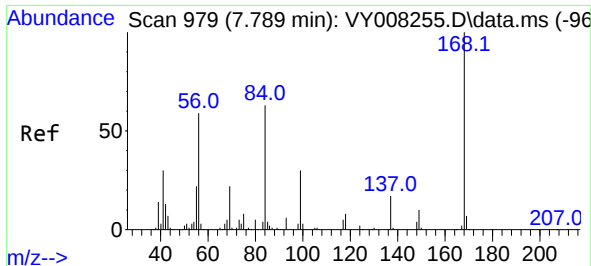
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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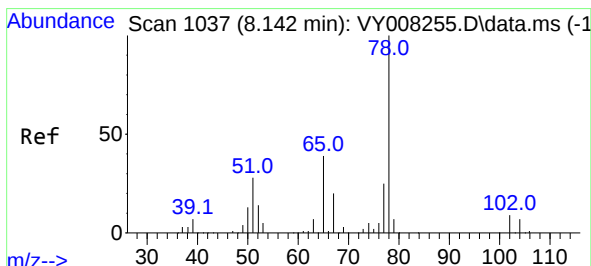
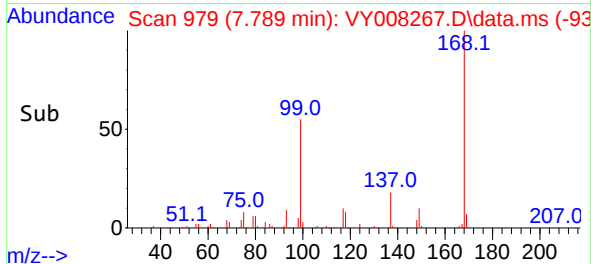
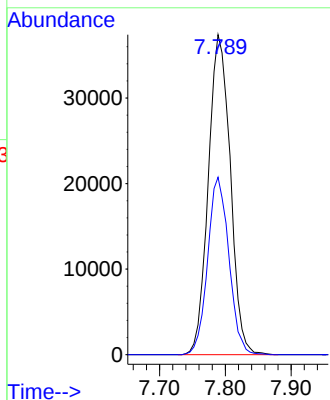
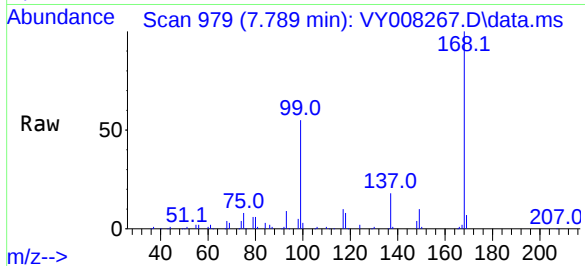




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008267.D
Acq: 11 Apr 2022 12:53

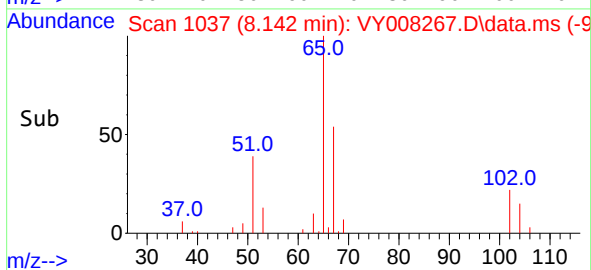
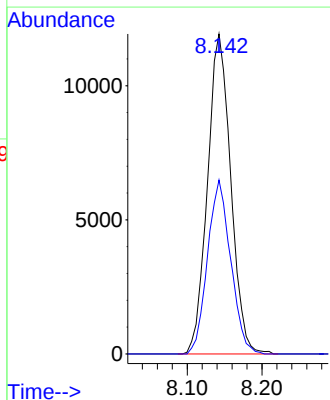
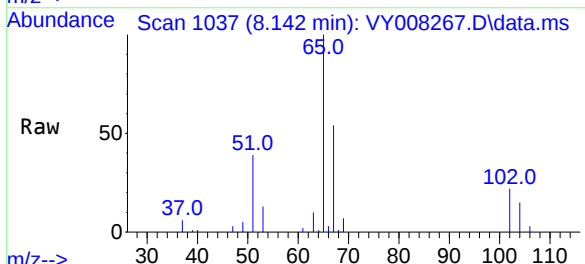
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

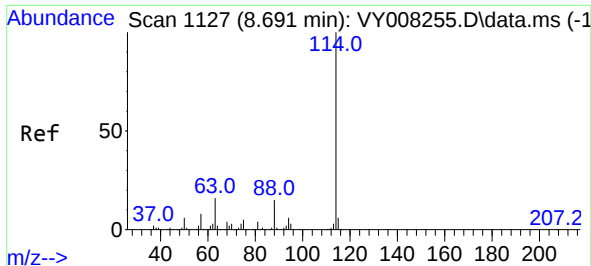
Tgt Ion:168 Resp: 87025
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 31.622 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008267.D
Acq: 11 Apr 2022 12:53

Tgt Ion: 65 Resp: 25849
Ion Ratio Lower Upper
65 100
67 54.1 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: VY008267.D

Acq: 11 Apr 2022 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

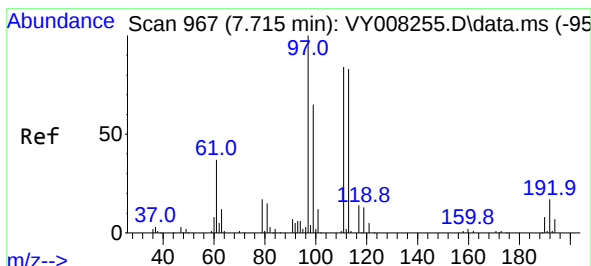
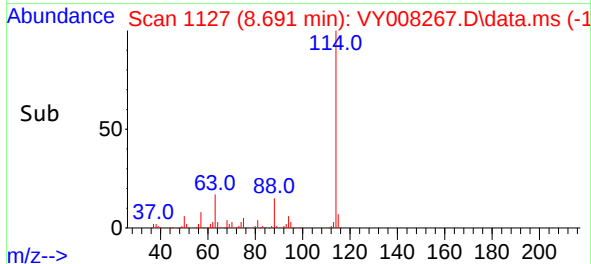
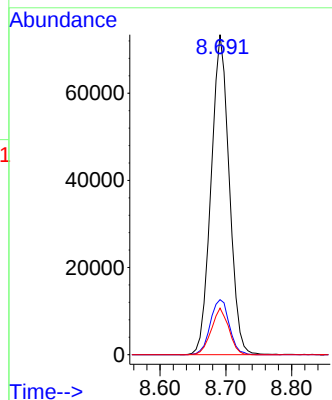
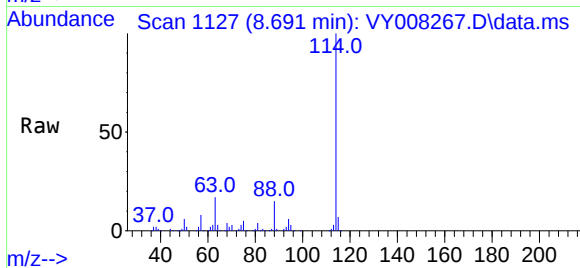
Tgt Ion:114 Resp: 140678

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.953 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008267.D

Acq: 11 Apr 2022 12:53

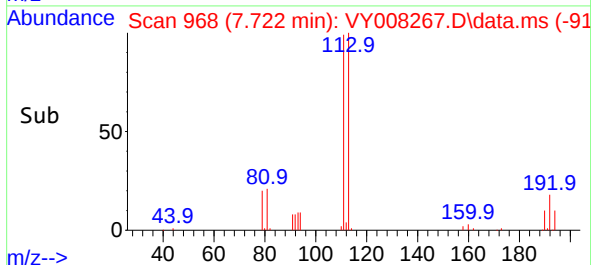
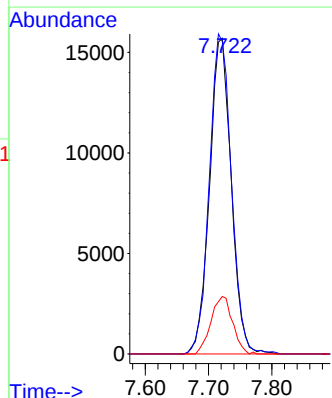
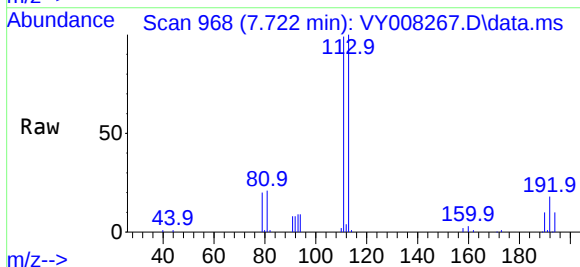
Tgt Ion:113 Resp: 37338

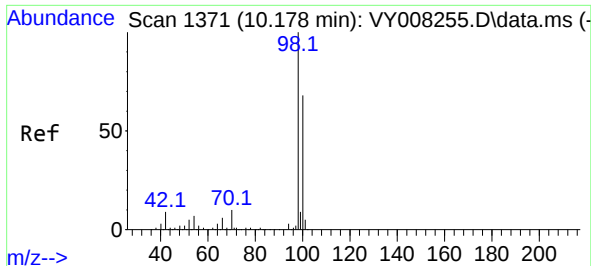
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.2 17.6 26.4

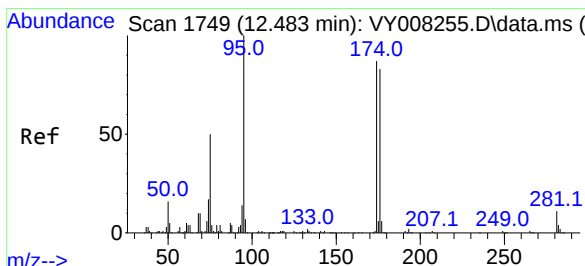
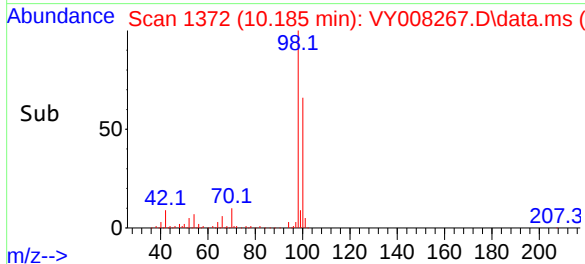
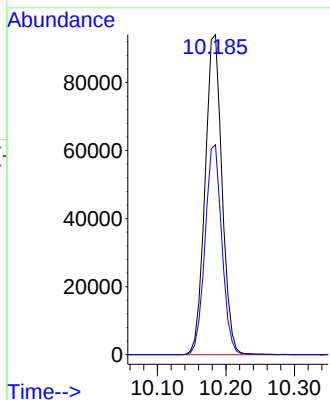
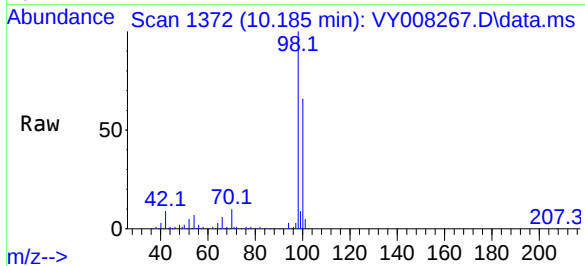




#50
Toluene-d8
Concen: 58.388 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008267.D
Acq: 11 Apr 2022 12:53

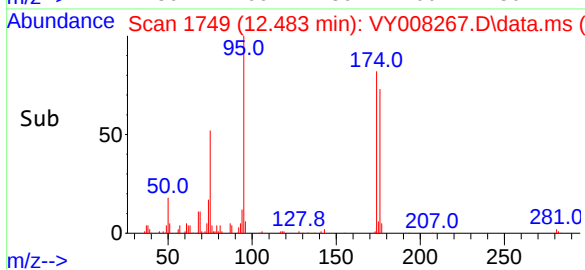
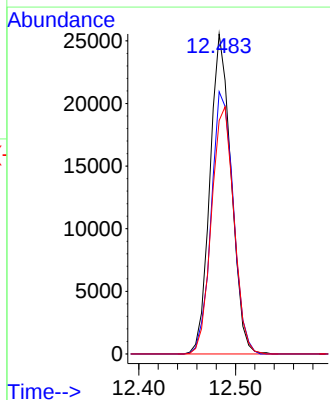
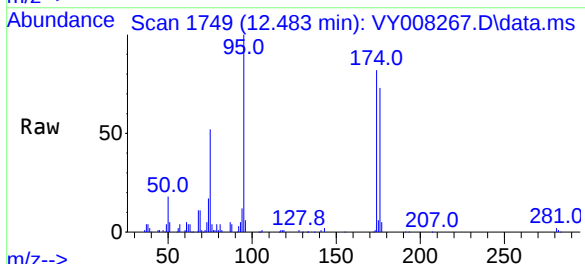
Instrument :
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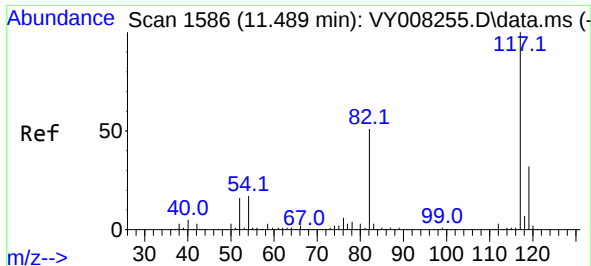
Tgt Ion: 98 Resp: 162337
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.196 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008267.D
Acq: 11 Apr 2022 12:53

Tgt Ion: 95 Resp: 38898
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.4 0.0 175.8

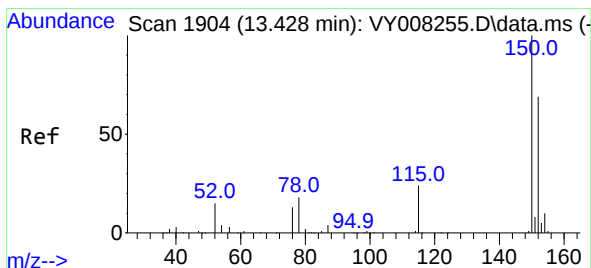
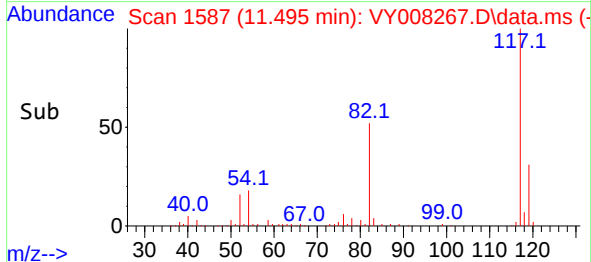
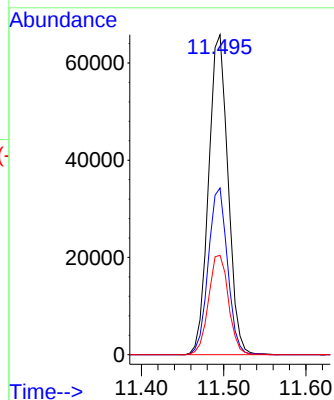
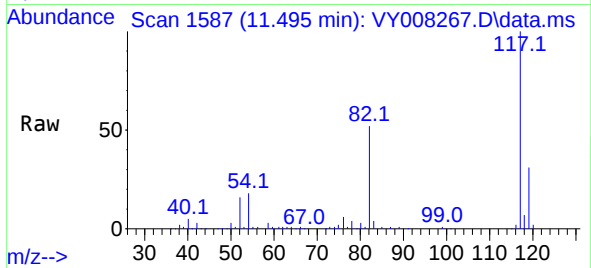




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY008267.D
Acq: 11 Apr 2022 12:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:117 Resp: 108040
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.1 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: VY008267.D
Acq: 11 Apr 2022 12:53

Tgt Ion:152 Resp: 37173
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 156.4 0.0 347.6

