

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008701.D
 Acq On : 11 May 2022 12:56
 Operator : KP/MD
 Sample : N2712-07RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: May 12 06:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9612	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3737	69.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.960%
35) Dibromofluoromethane	7.716	113	3525	55.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.280%
50) Toluene-d8	10.179	98	11627	51.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.483	95	3735	46.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%

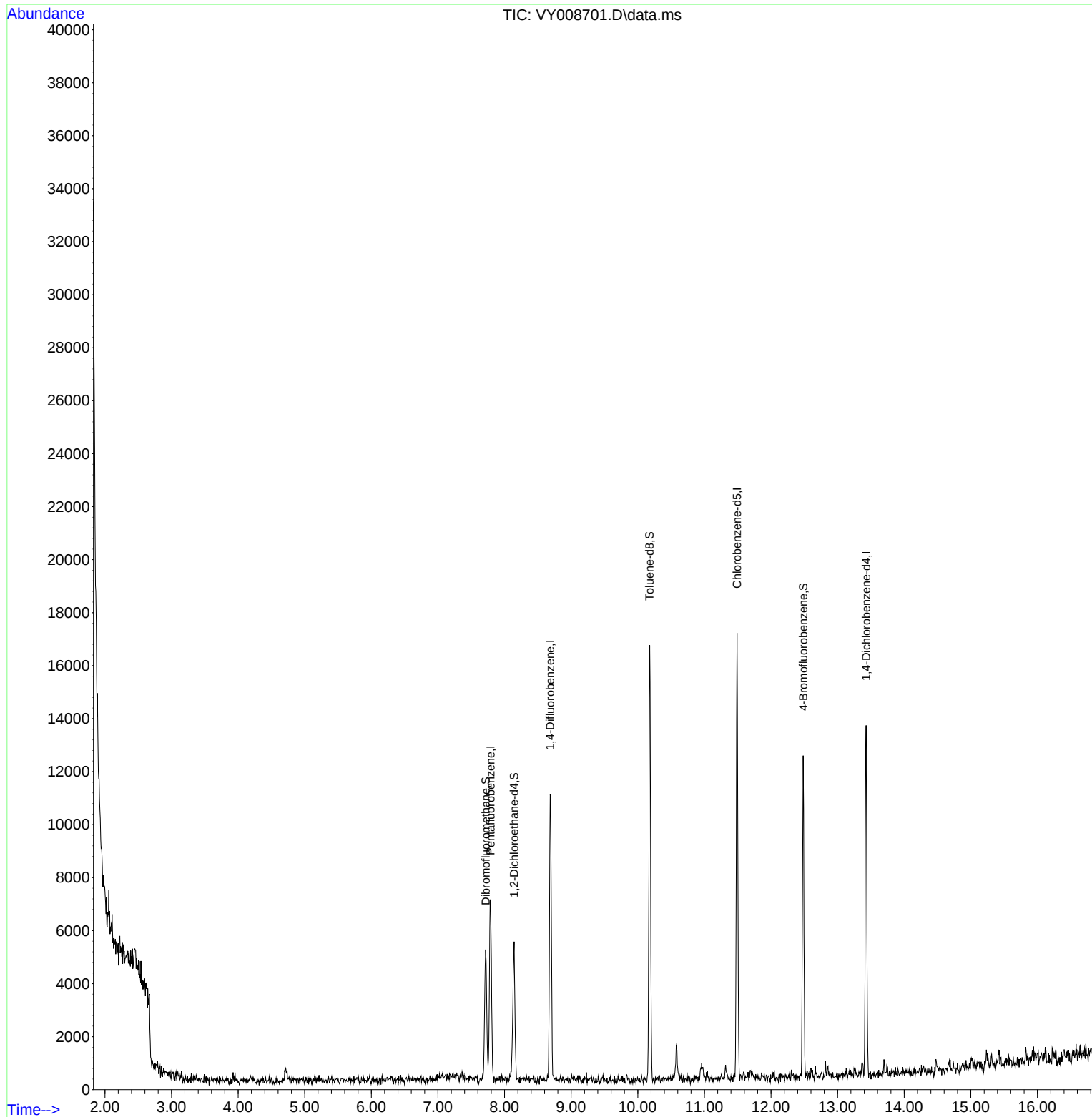
Target Compounds	Qvalue

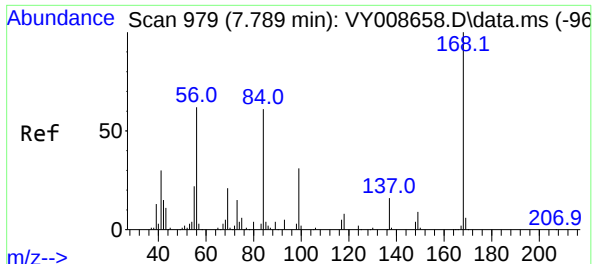
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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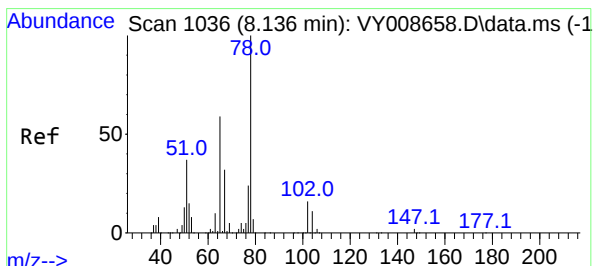
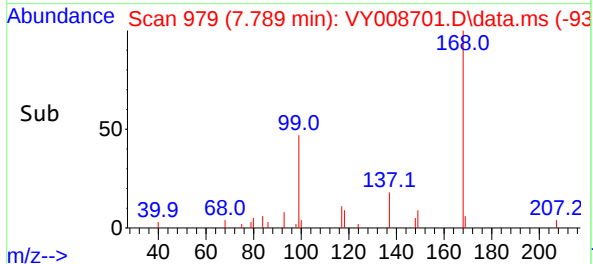
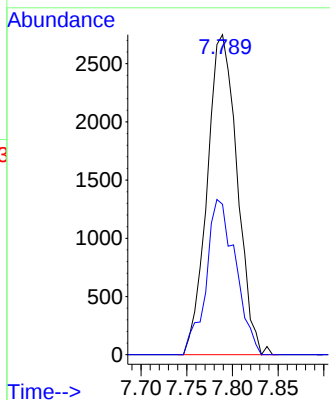
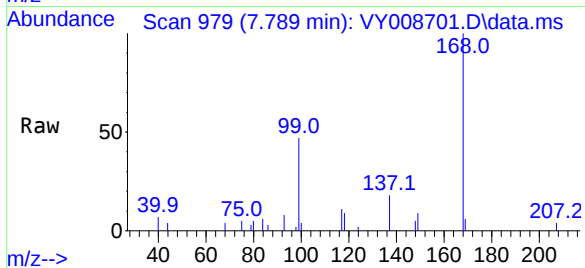




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008701.D
Acq: 11 May 2022 12:56

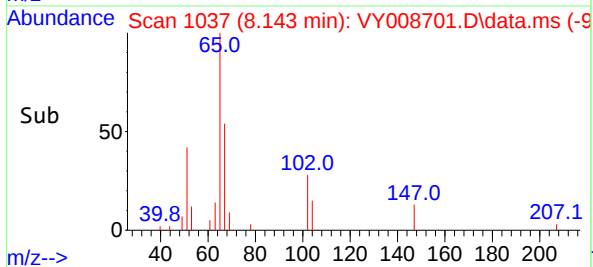
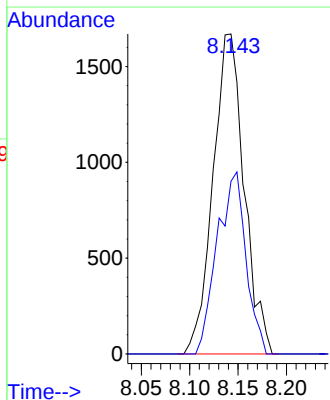
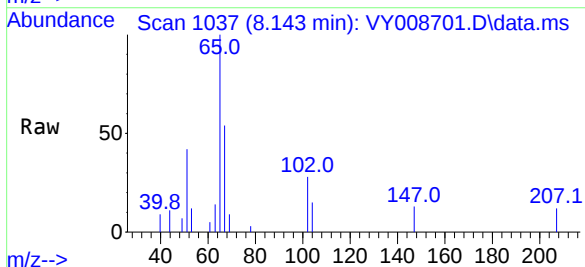
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

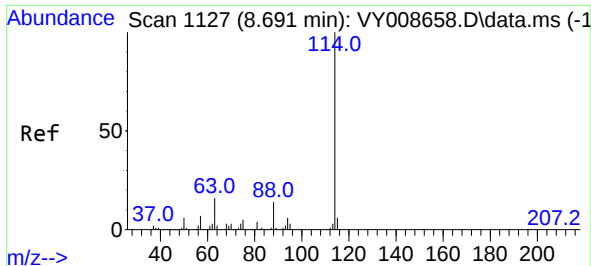
Tgt Ion:168 Resp: 6277
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.481 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008701.D
Acq: 11 May 2022 12:56

Tgt Ion: 65 Resp: 3737
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008701.D

Acq: 11 May 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

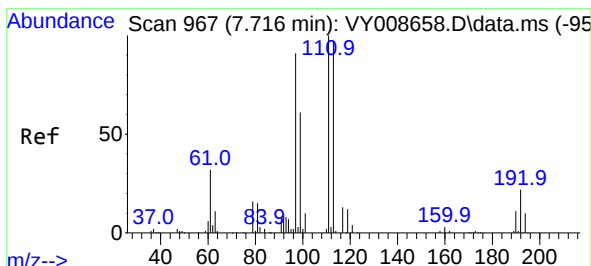
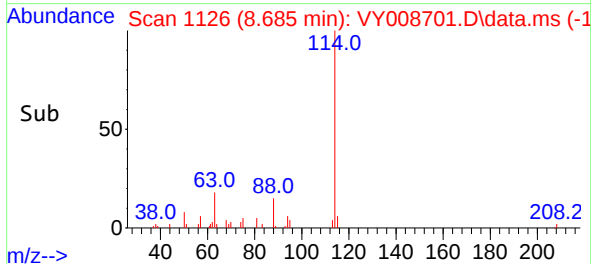
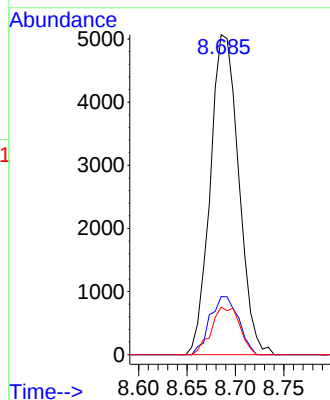
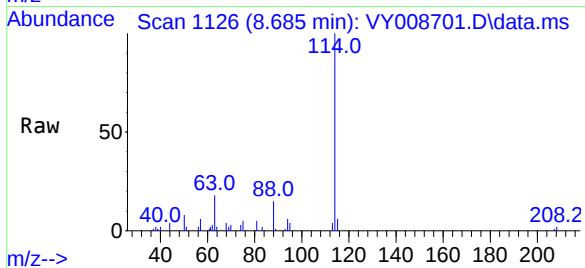
Tgt Ion:114 Resp: 10374

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.139 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008701.D

Acq: 11 May 2022 12:56

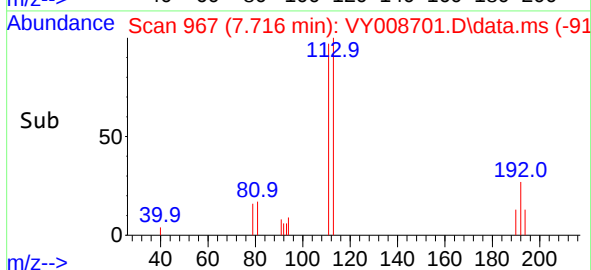
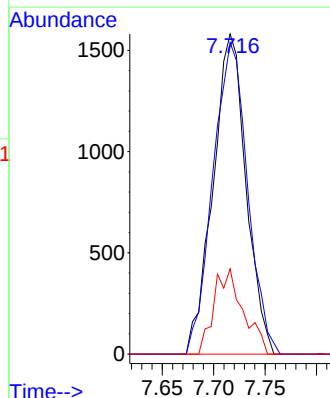
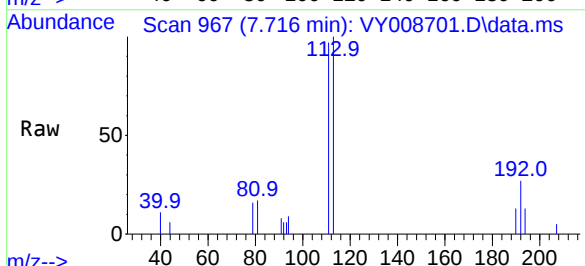
Tgt Ion:113 Resp: 3525

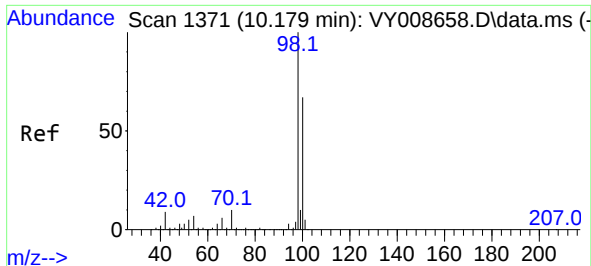
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 23.6 17.6 26.4

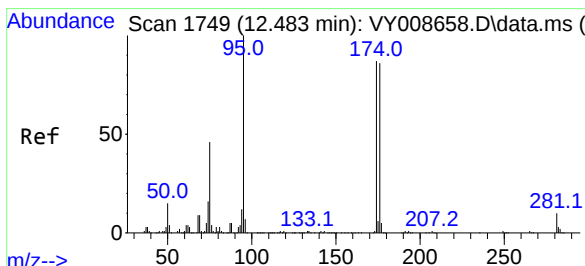
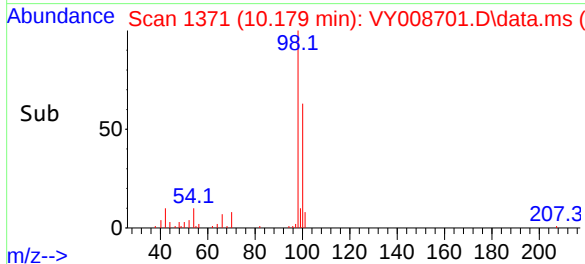
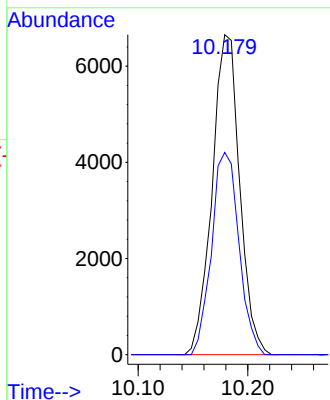
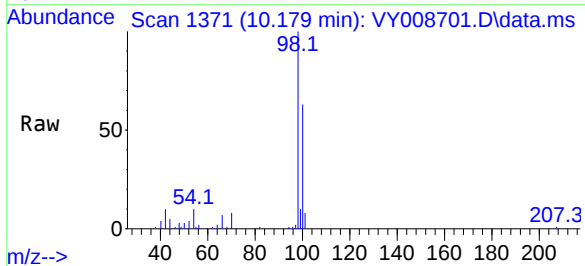




#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008701.D
Acq: 11 May 2022 12:56

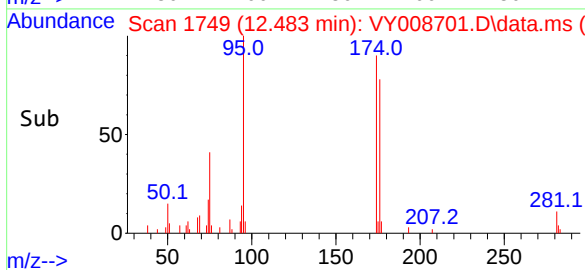
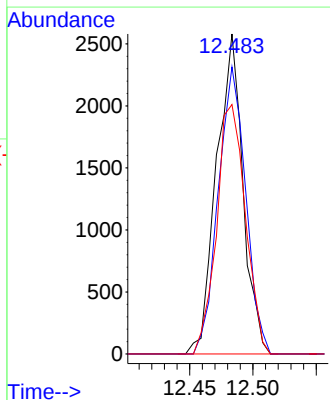
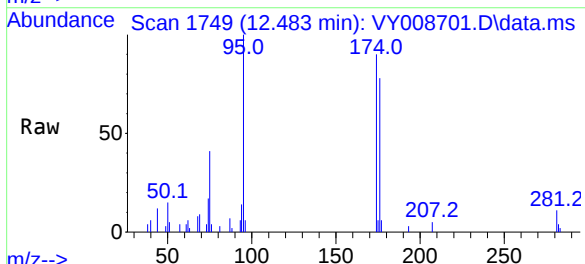
Instrument :
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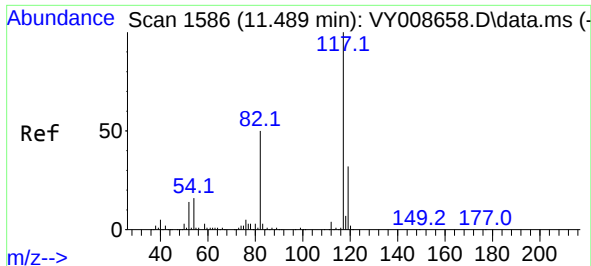
Tgt Ion: 98 Resp: 11627
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008701.D
Acq: 11 May 2022 12:56

Tgt Ion: 95 Resp: 3735
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 85.2 0.0 175.8

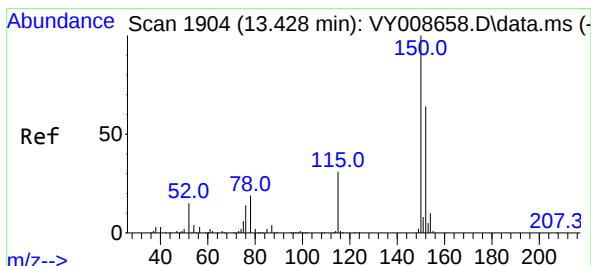
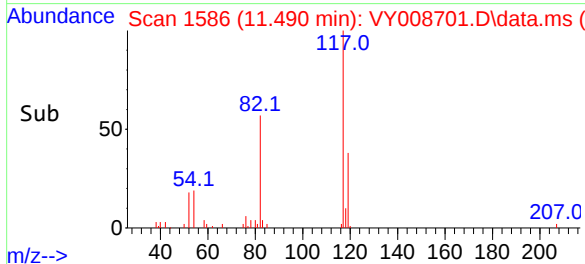
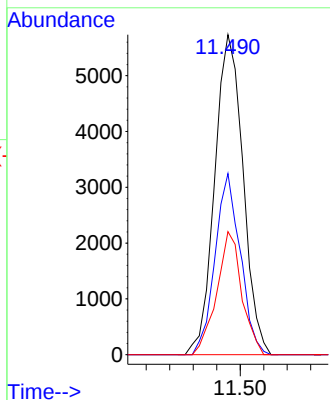
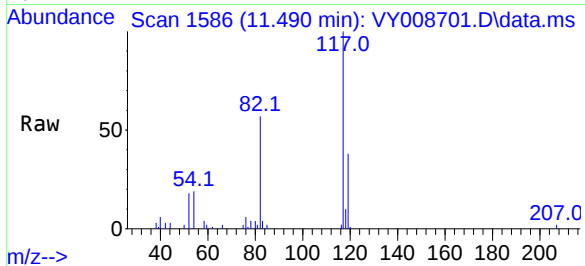




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008701.D
Acq: 11 May 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 9612
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 38.4 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: VY008701.D
Acq: 11 May 2022 12:56

Tgt Ion:152 Resp: 4039
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 145.9 0.0 347.6

