

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008987.D
 Acq On : 22 May 2022 07:22
 Operator : KP/MD
 Sample : N2887-20
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-1824-01

Quant Time: May 23 02:27:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74903	64.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.740%	
35) Dibromofluoromethane	7.716	113	66443	52.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.620%	
50) Toluene-d8	10.179	98	261470	55.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.600%	
62) 4-Bromofluorobenzene	12.477	95	77562	41.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.060%	

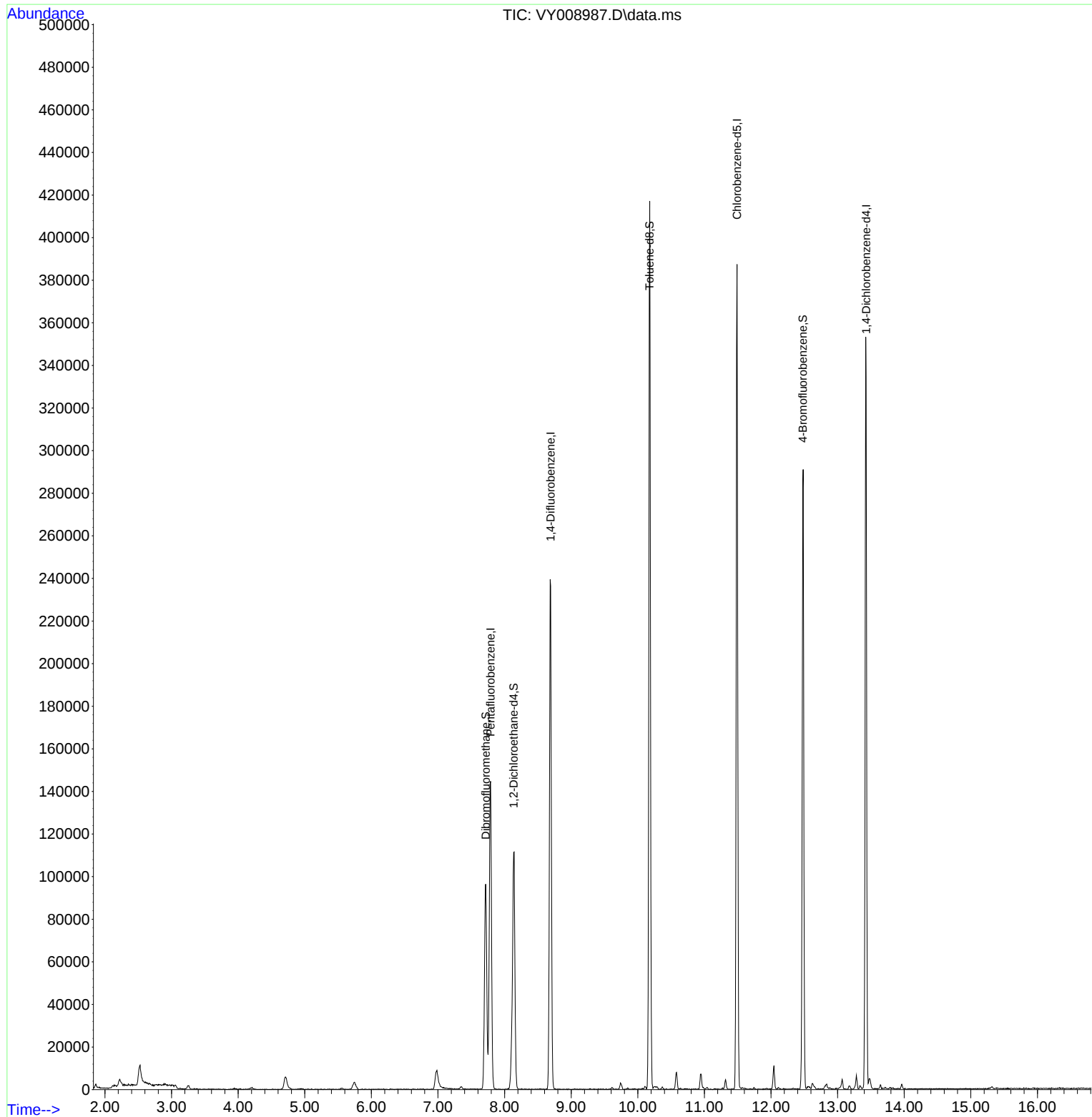
Target Compounds	Qvalue

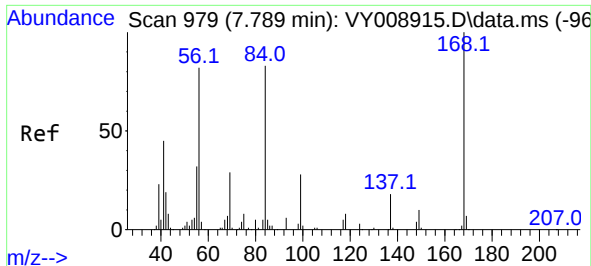
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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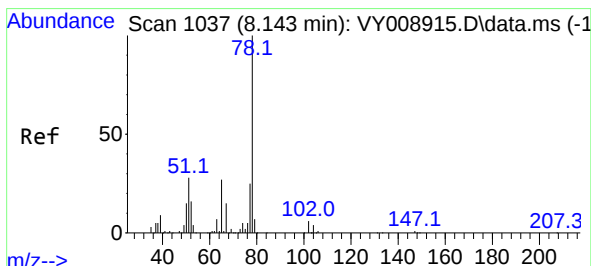
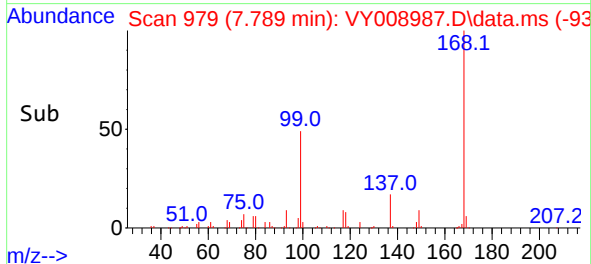
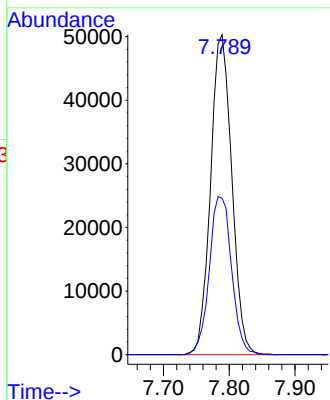
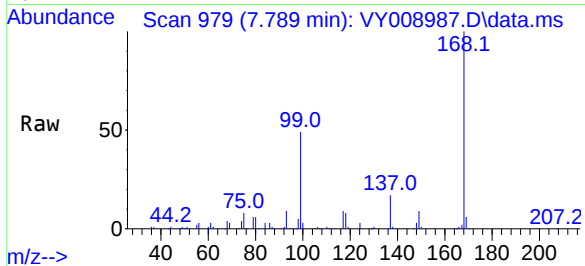




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008987.D
Acq: 22 May 2022 07:22

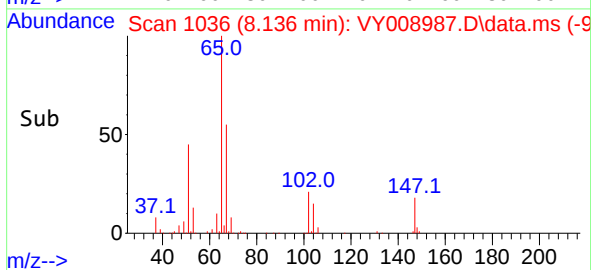
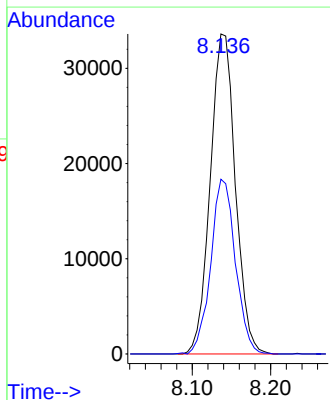
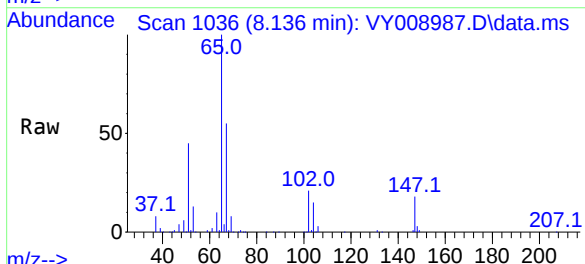
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-1824-01

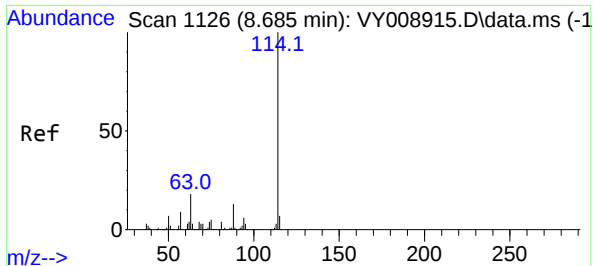
Tgt Ion:168 Resp: 113069
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.367 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008987.D
Acq: 22 May 2022 07:22

Tgt Ion: 65 Resp: 74903
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008987.D

Acq: 22 May 2022 07:22

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-1824-01

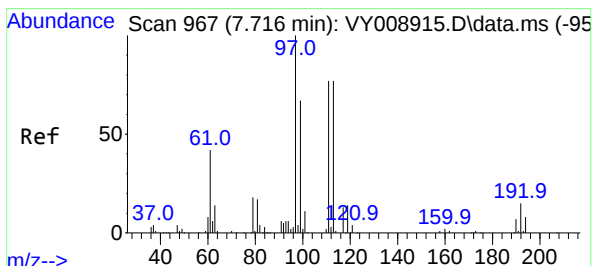
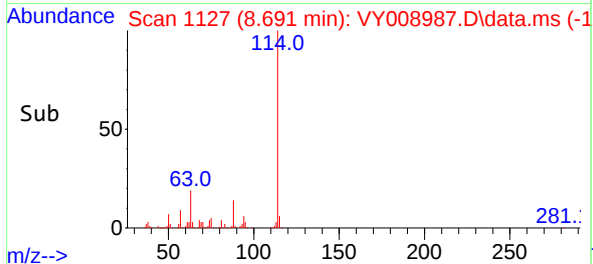
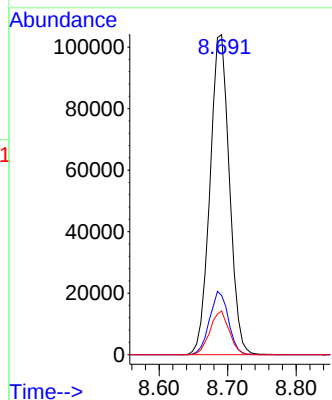
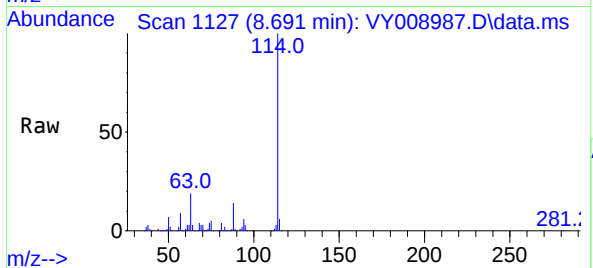
Tgt Ion:114 Resp: 204274

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.307 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008987.D

Acq: 22 May 2022 07:22

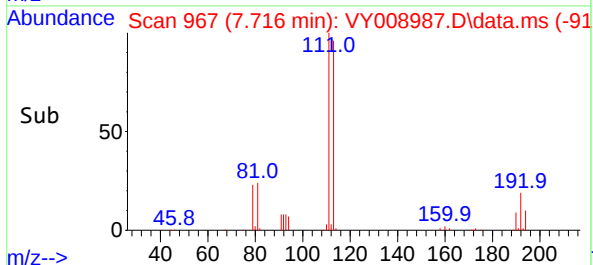
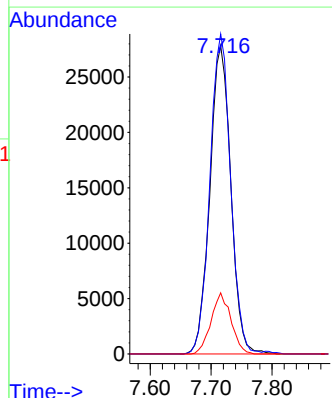
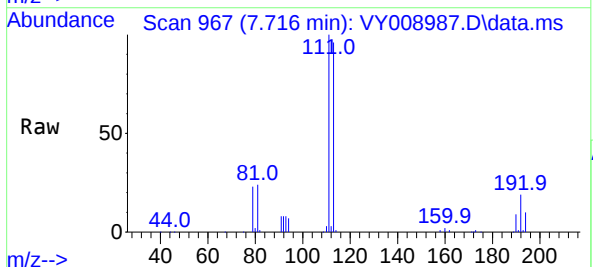
Tgt Ion:113 Resp: 66443

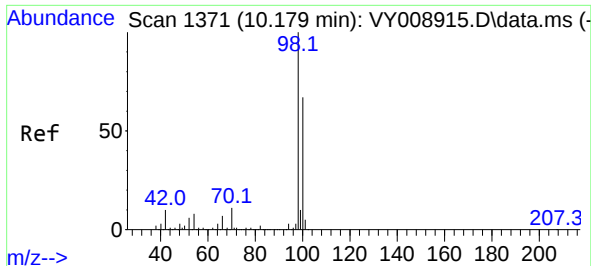
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.8 17.6 26.4

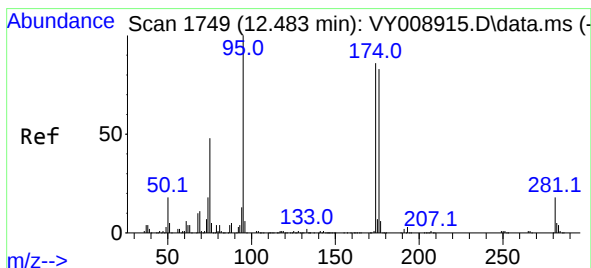
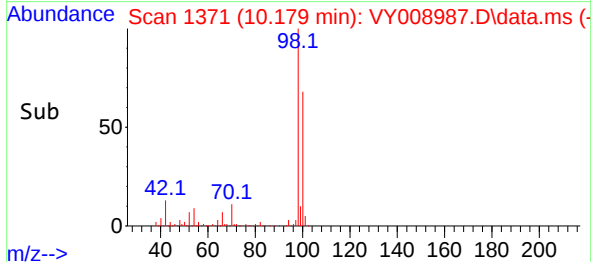
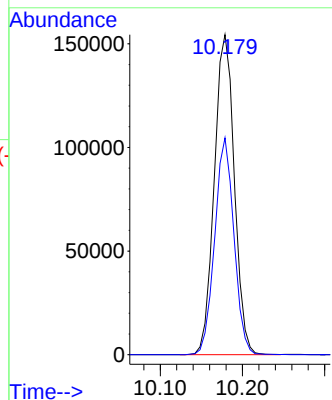
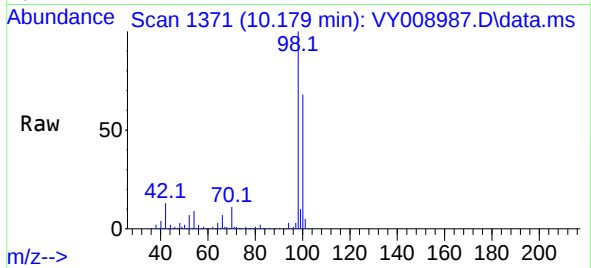




#50
Toluene-d8
Concen: 55.796 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008987.D
Acq: 22 May 2022 07:22

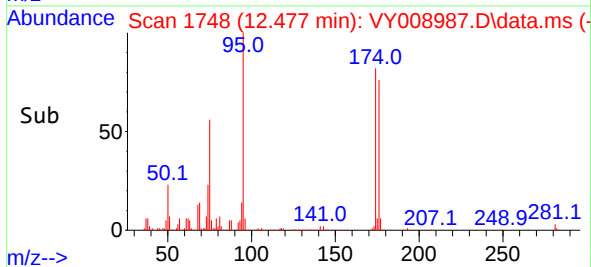
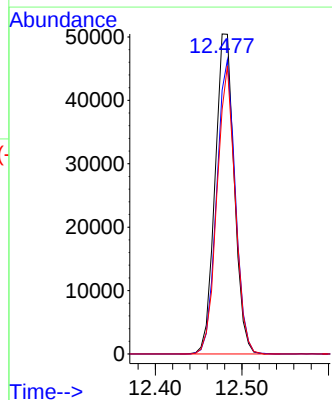
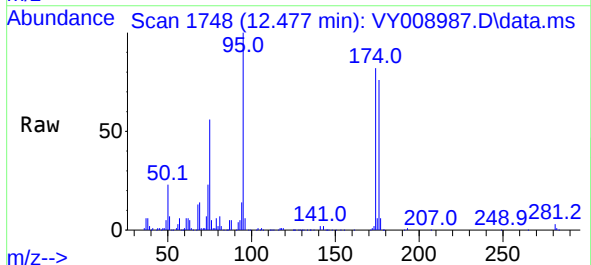
Instrument :
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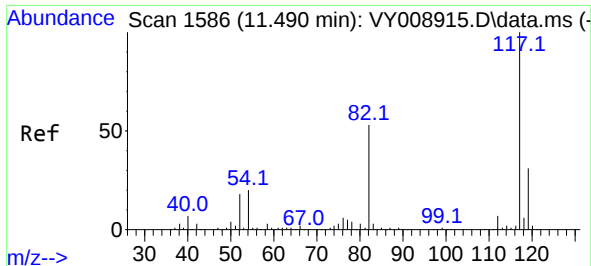
Tgt Ion: 98 Resp: 261470
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008987.D
Acq: 22 May 2022 07:22

Tgt Ion: 95 Resp: 77562
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.4 0.0 175.8

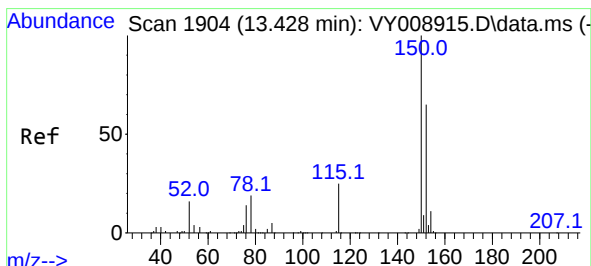
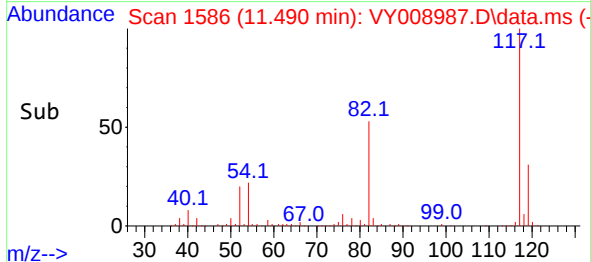
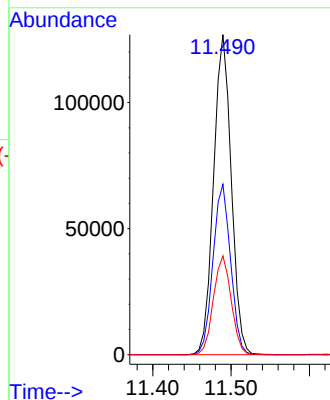
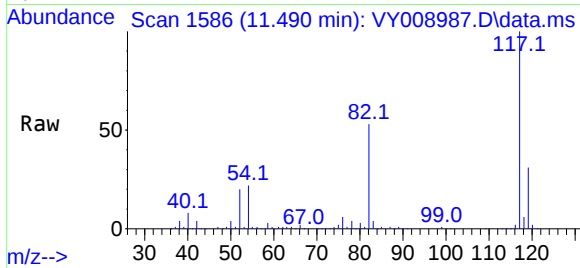




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008987.D
Acq: 22 May 2022 07:22

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-1824-01

Tgt Ion:117 Resp: 199008
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 30.9 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: VY008987.D
Acq: 22 May 2022 07:22

Tgt Ion:152 Resp: 85699
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 157.4 0.0 347.6

