

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008989.D
 Acq On : 22 May 2022 08:09
 Operator : KP/MD
 Sample : N2887-22
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0006-01

Quant Time: May 23 02:28:18 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	74179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	134328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51626	67.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.240%
35) Dibromofluoromethane	7.716	113	44878	53.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.460%
50) Toluene-d8	10.179	98	168107	54.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.100%
62) 4-Bromofluorobenzene	12.477	95	48528	39.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.080%

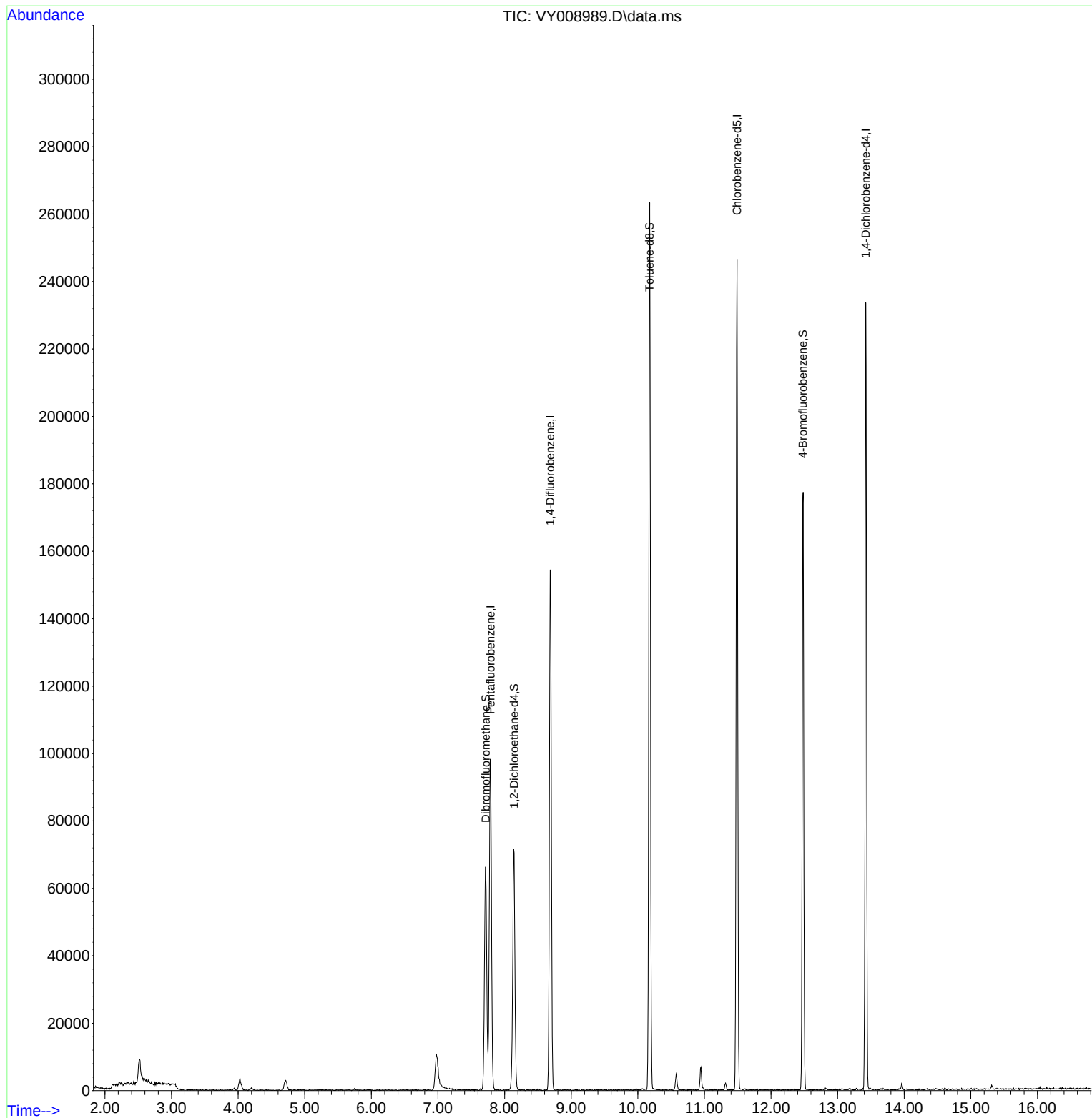
Target Compounds	Qvalue

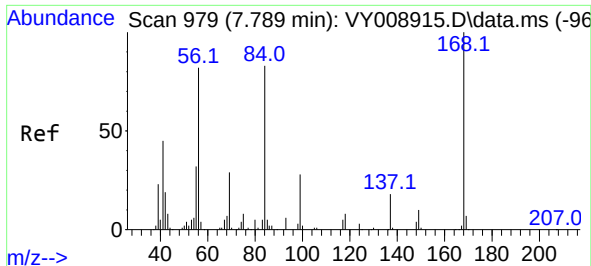
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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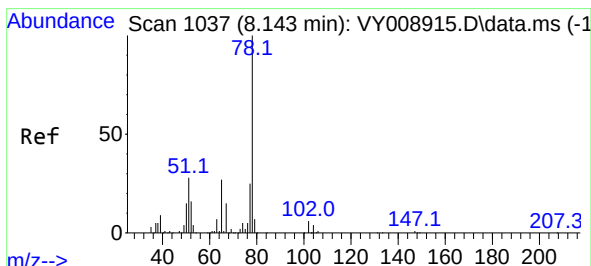
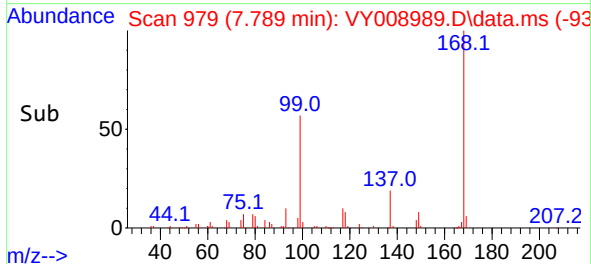
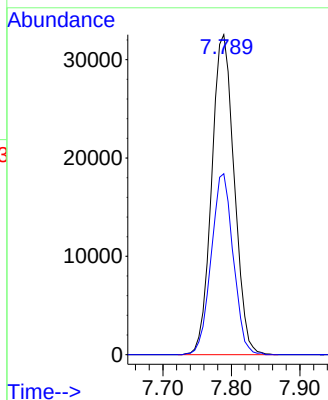
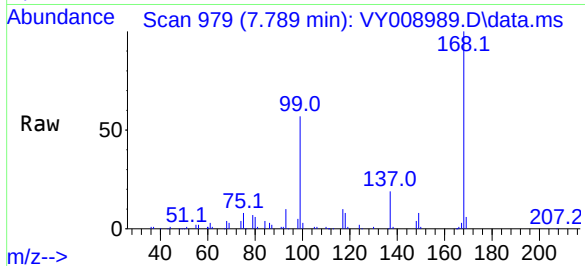




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

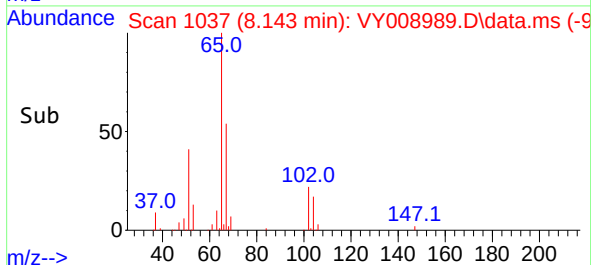
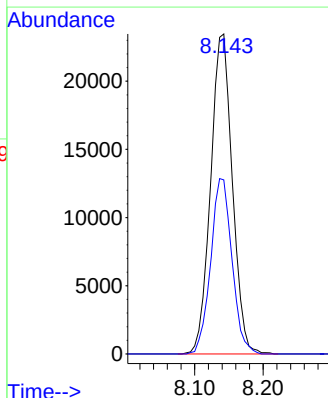
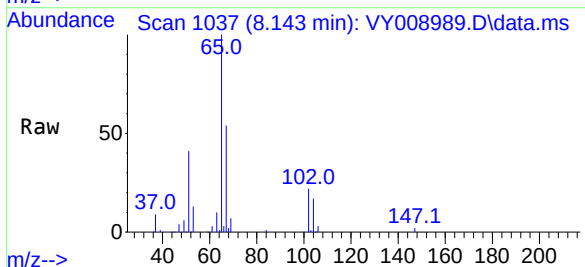
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

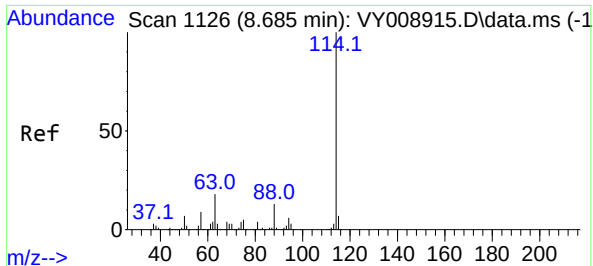
Tgt Ion:168 Resp: 74179
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.623 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 65 Resp: 51626
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008989.D

Acq: 22 May 2022 08:09

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-0006-01

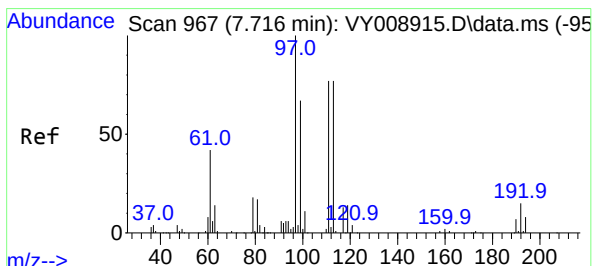
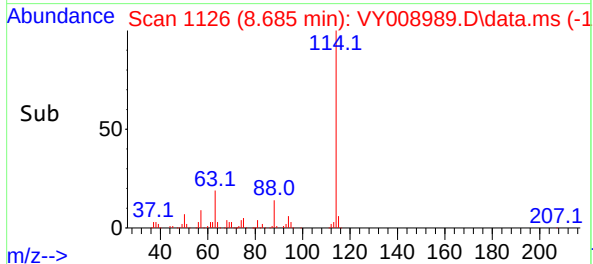
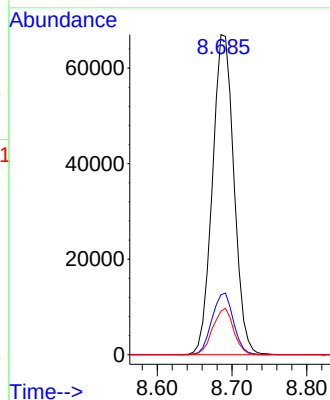
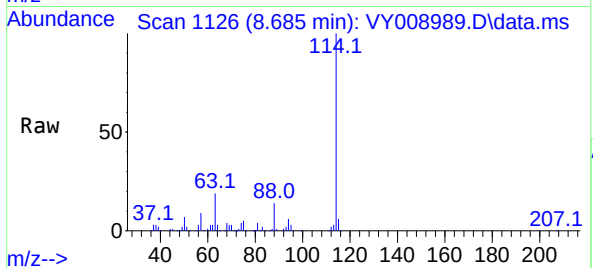
Tgt Ion:114 Resp: 134328

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008989.D

Acq: 22 May 2022 08:09

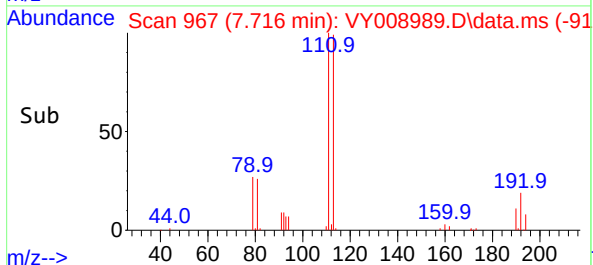
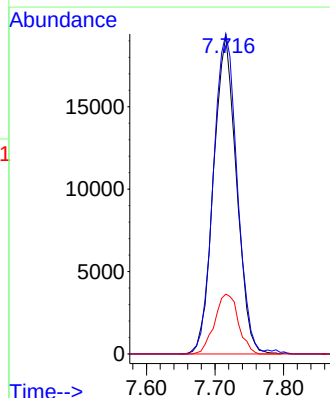
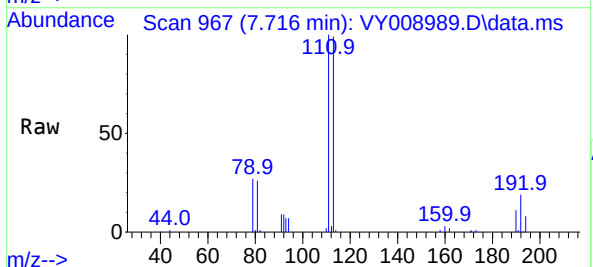
Tgt Ion:113 Resp: 44878

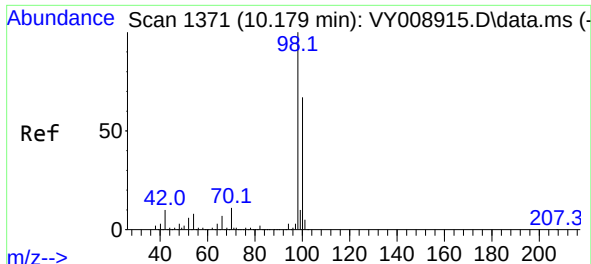
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.4 17.6 26.4

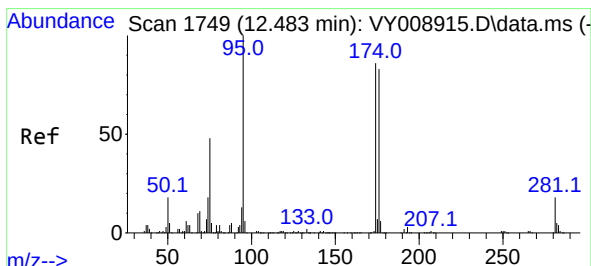
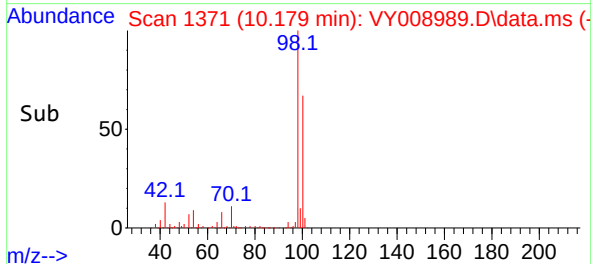
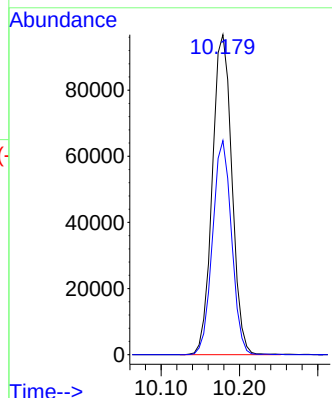
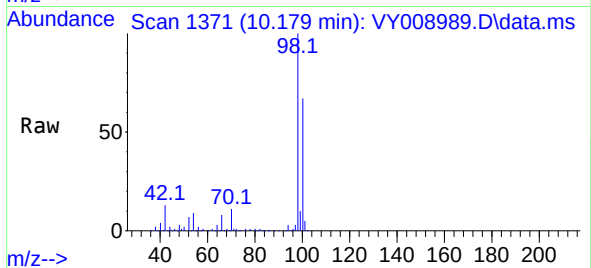




#50
Toluene-d8
Concen: 54.552 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

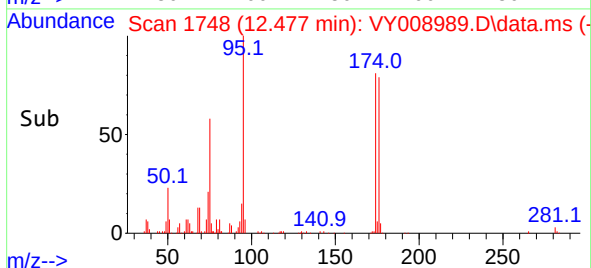
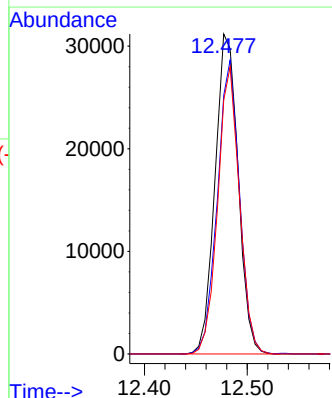
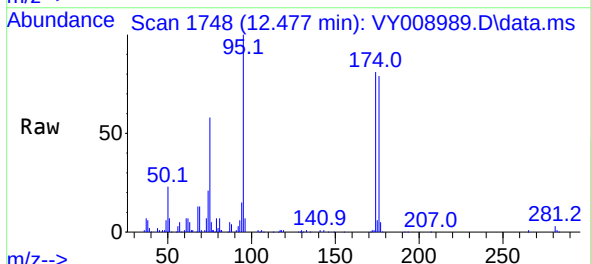
Instrument :
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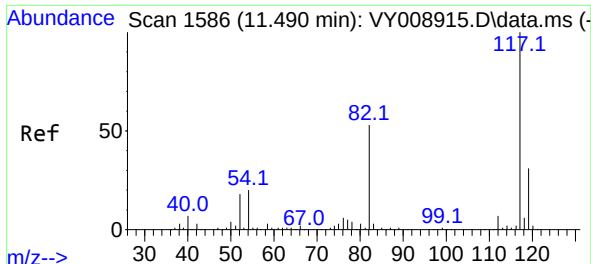
Tgt Ion: 98 Resp: 168107
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion: 95 Resp: 48528
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.4 0.0 175.8

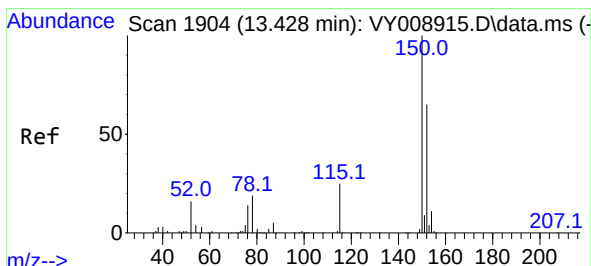
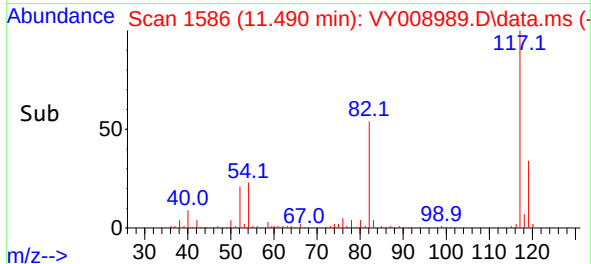
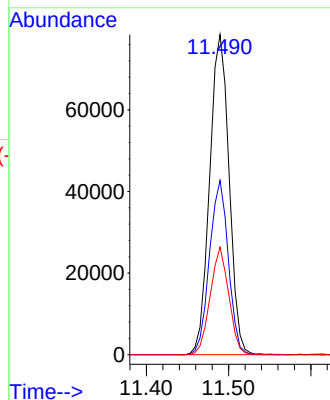
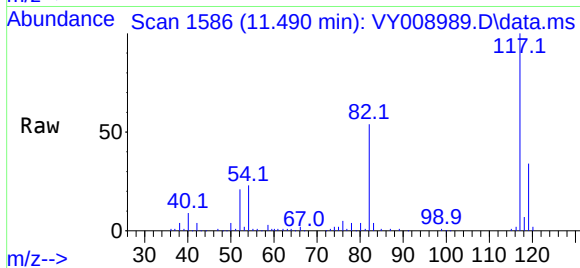




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0006-01

Tgt Ion:117 Resp: 128852
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008989.D
Acq: 22 May 2022 08:09

Tgt Ion:152 Resp: 54509
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.1 0.0 347.6

