

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008990.D
 Acq On : 22 May 2022 08:32
 Operator : KP/MD
 Sample : N2919-05
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-01

Quant Time: May 23 02:28:30 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	112129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74727	64.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.500%
35) Dibromofluoromethane	7.716	113	65995	52.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.179	98	263575	56.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.720%
62) 4-Bromofluorobenzene	12.477	95	79748	42.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.540%

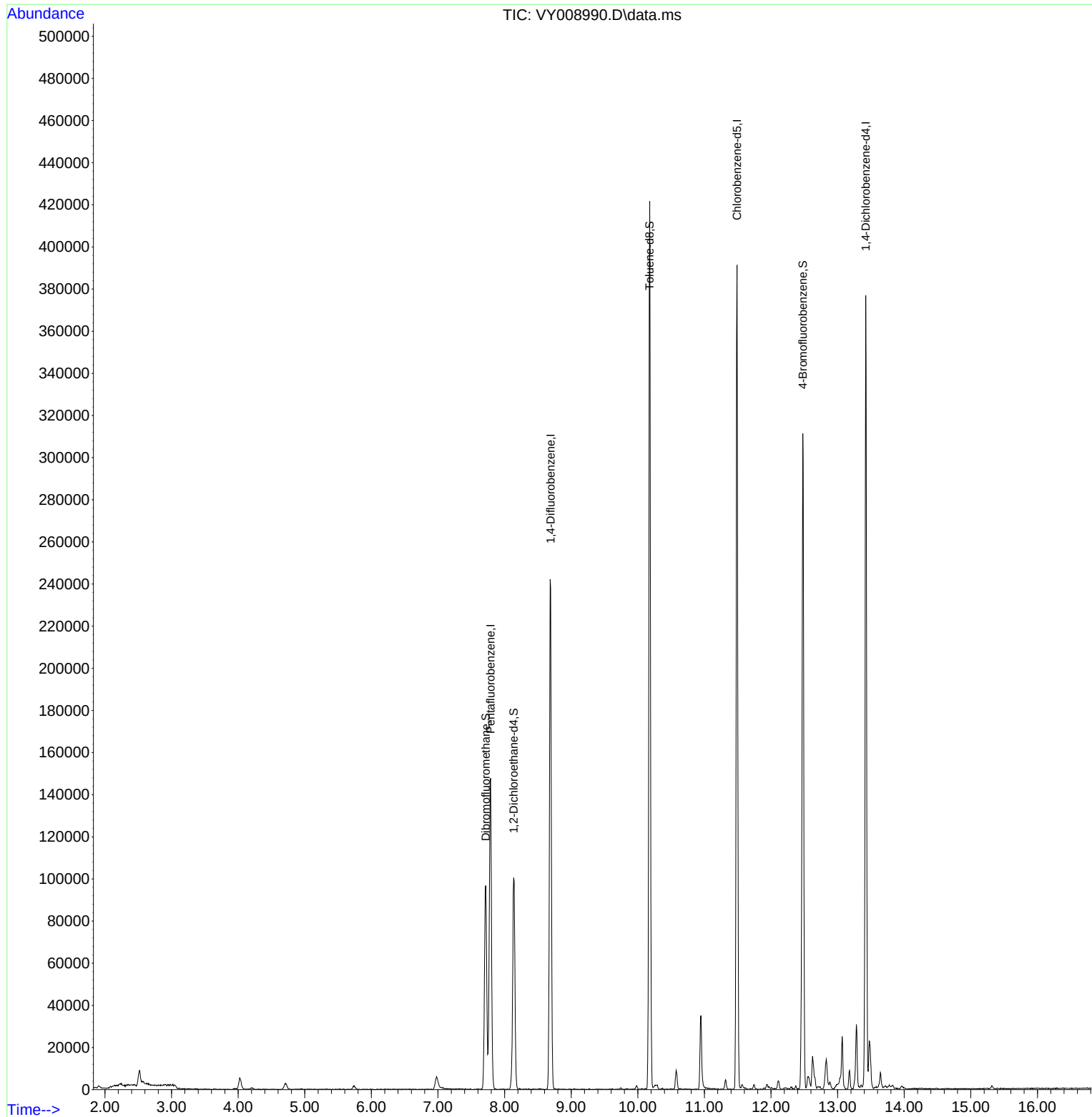
Target Compounds	Qvalue

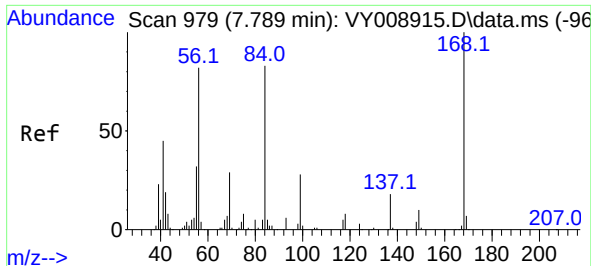
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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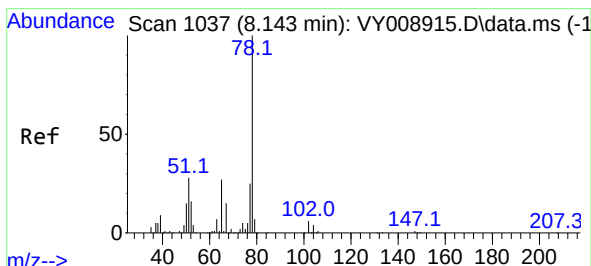
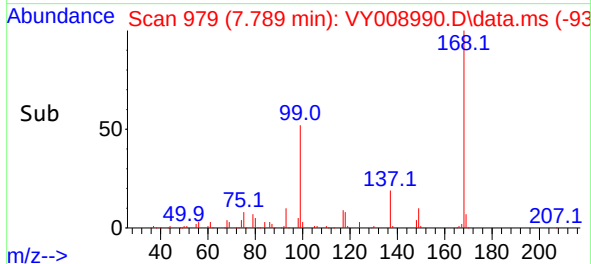
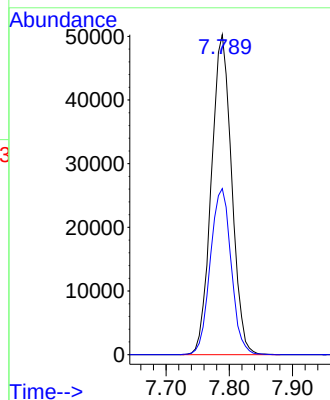
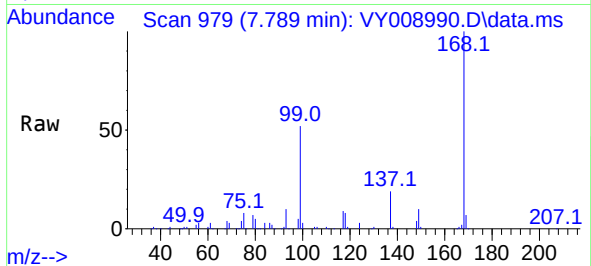




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

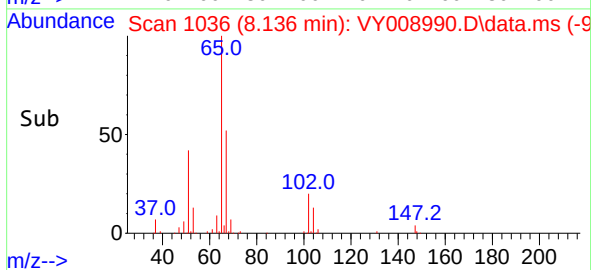
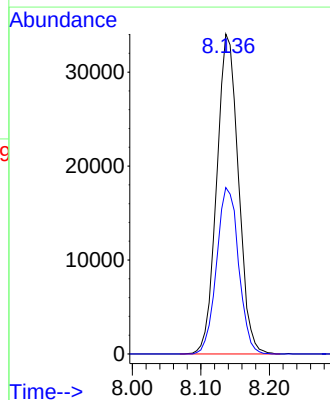
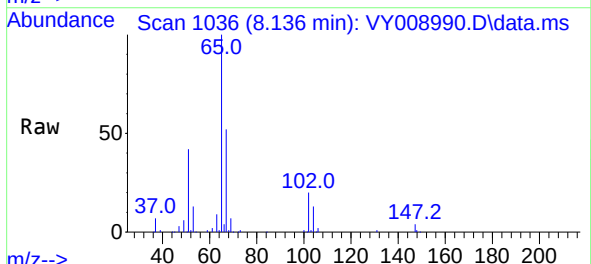
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

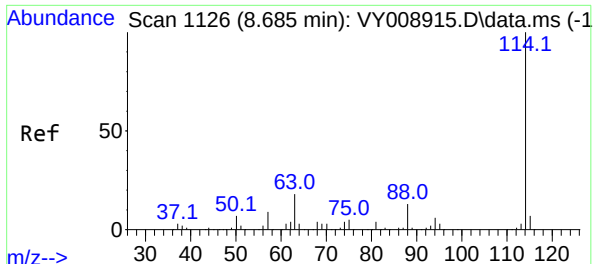
Tgt Ion:168 Resp: 112129
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.754 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 65 Resp: 74727
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008990.D

Acq: 22 May 2022 08:32

Instrument :

MSVOA_Y

ClientSampleId :

P028-SS001-0612-01

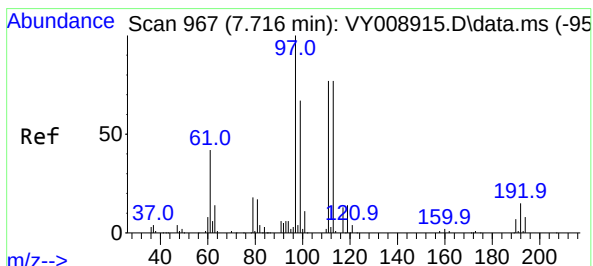
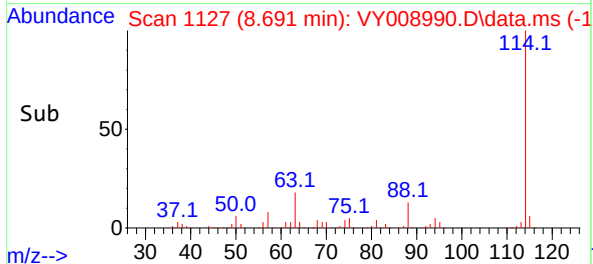
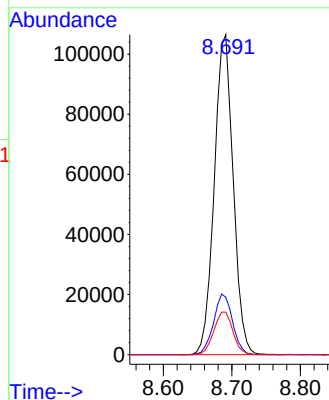
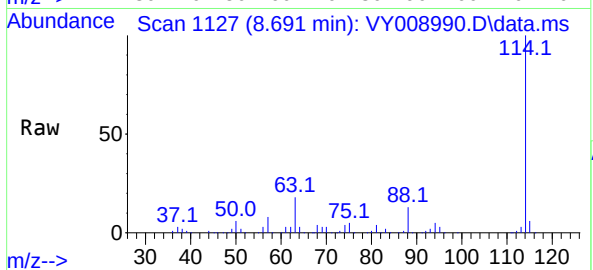
Tgt Ion:114 Resp: 203872

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.056 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008990.D

Acq: 22 May 2022 08:32

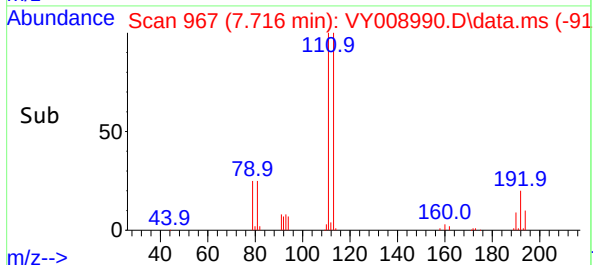
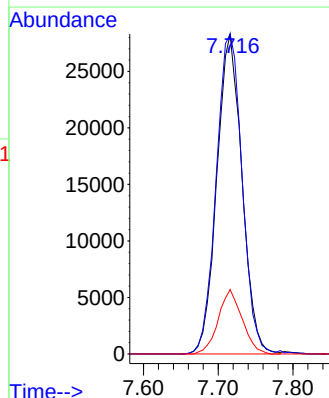
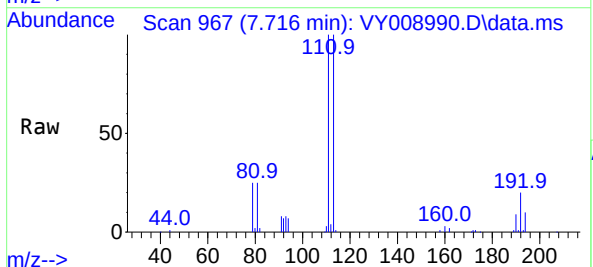
Tgt Ion:113 Resp: 65995

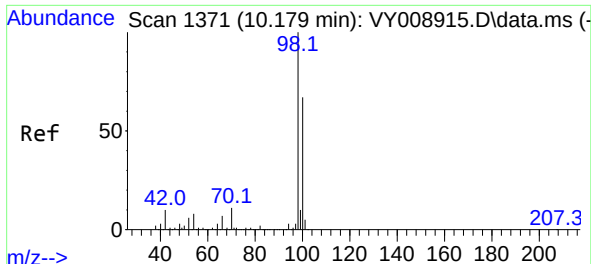
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.2 17.6 26.4

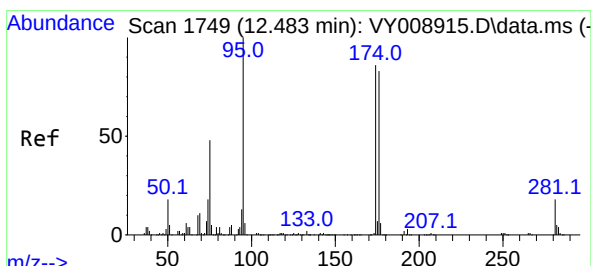
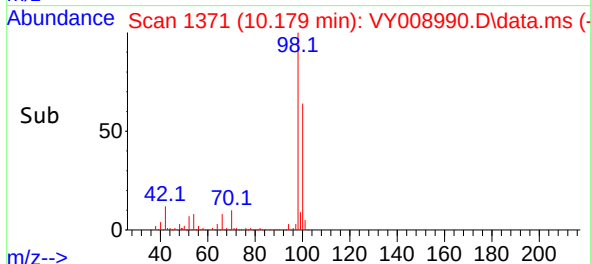
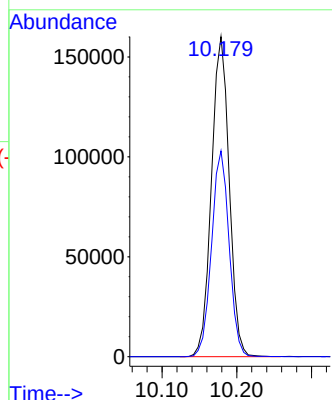
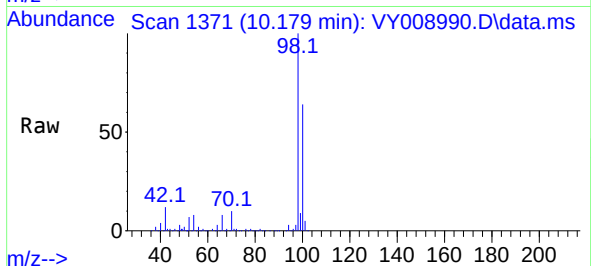




#50
Toluene-d8
Concen: 56.356 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

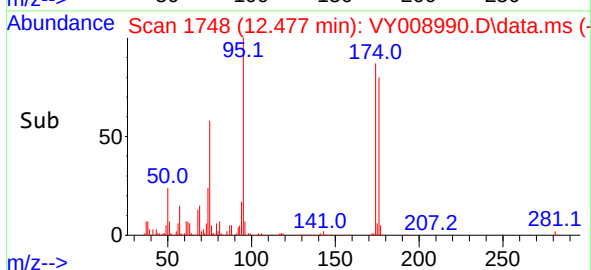
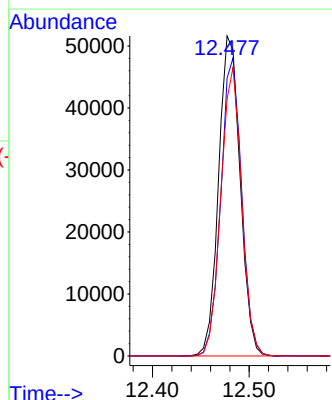
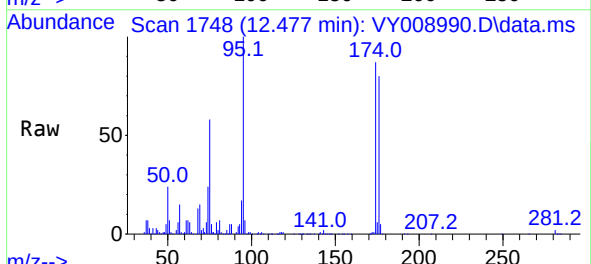
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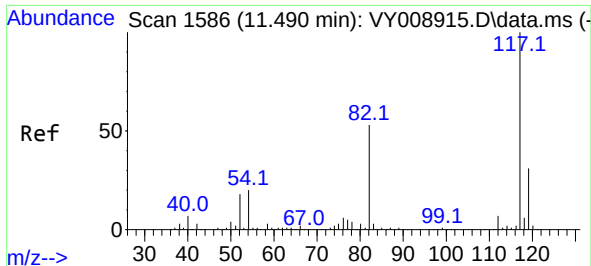
Tgt Ion: 98 Resp: 263575
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 95 Resp: 79748
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.0 0.0 175.8

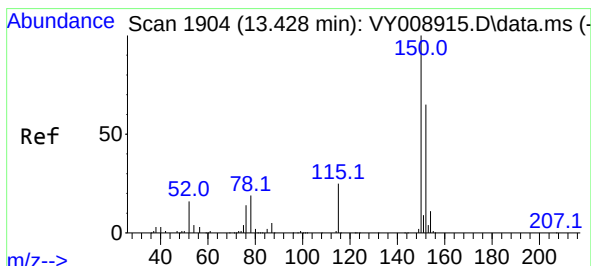
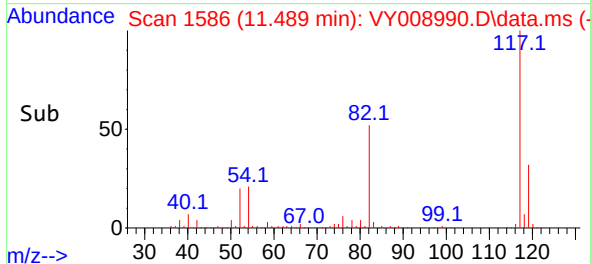
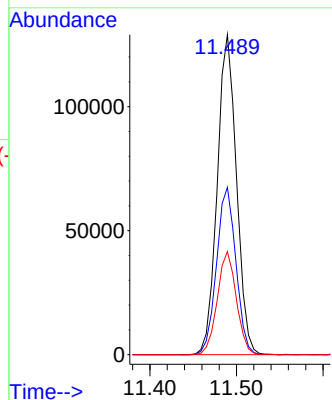
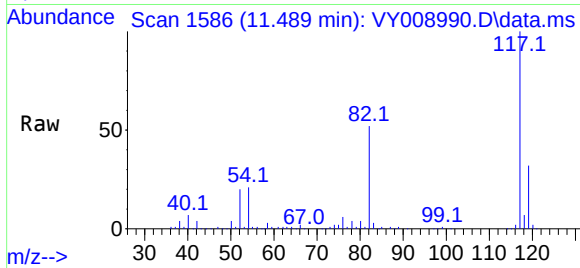




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

Tgt Ion:117 Resp: 199007
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.3 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: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion:152 Resp: 87800
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 159.3 0.0 347.6

