

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007638.D
 Acq On : 25 Feb 2022 15:48
 Operator : SY/MD
 Sample : N1664-07
 Misc : 3.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 27 23:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	69007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	116827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41001	53.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.820%	
35) Dibromofluoromethane	7.716	113	38943	52.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.660%	
50) Toluene-d8	10.179	98	140045	51.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.477	95	52310	56.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.240%	

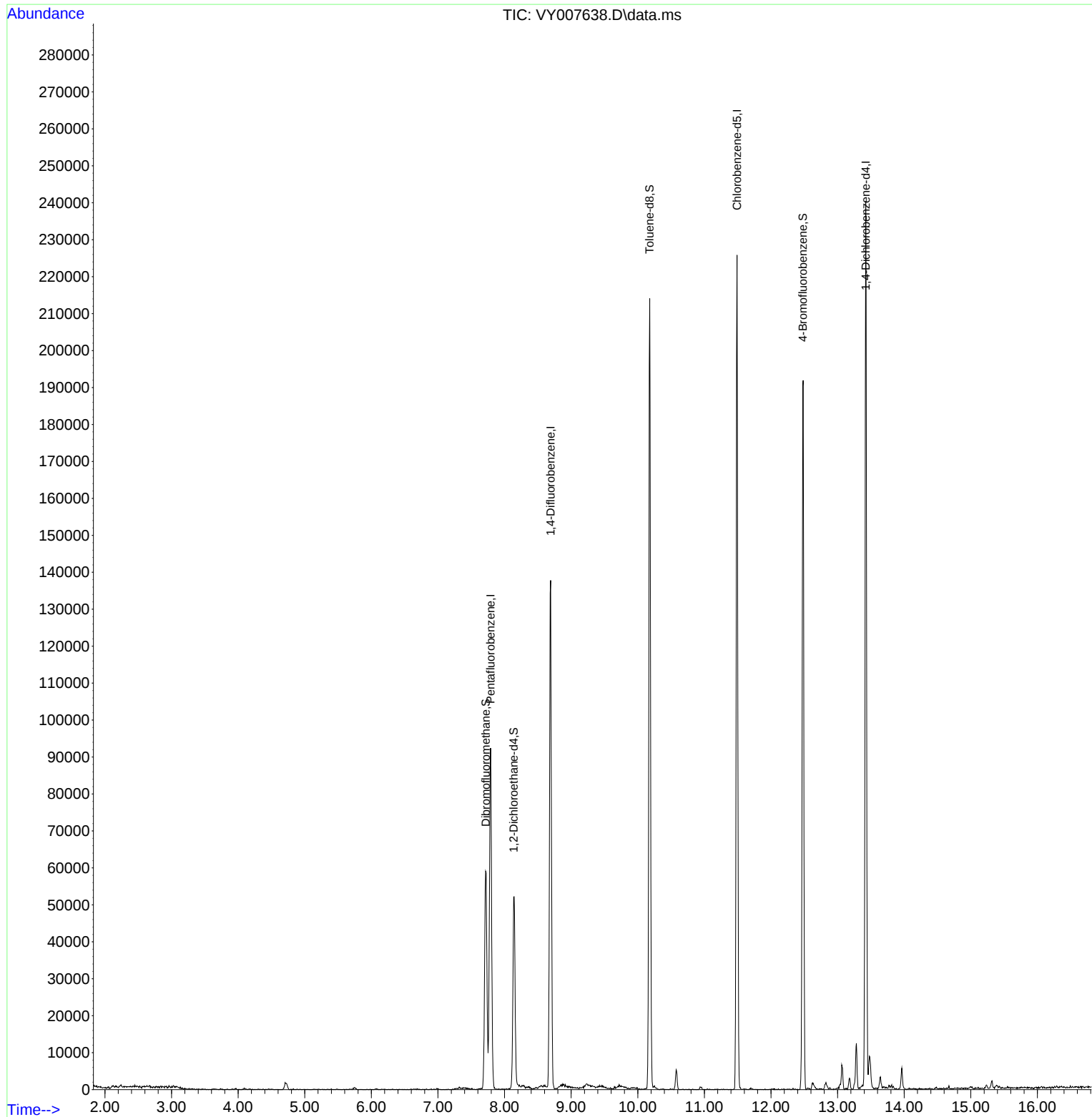
Target Compounds	Qvalue

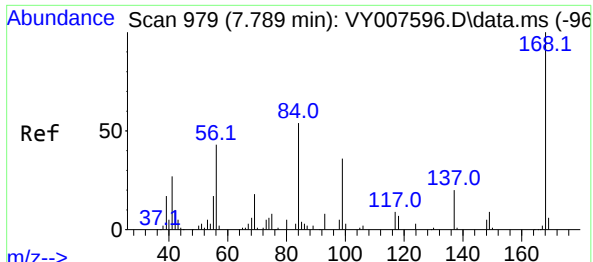
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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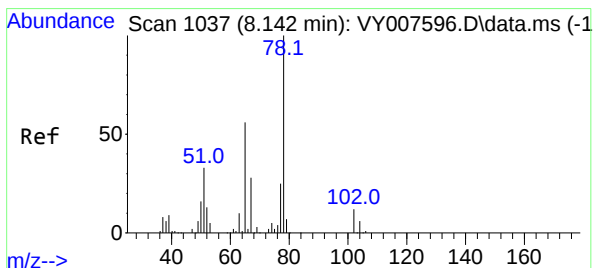
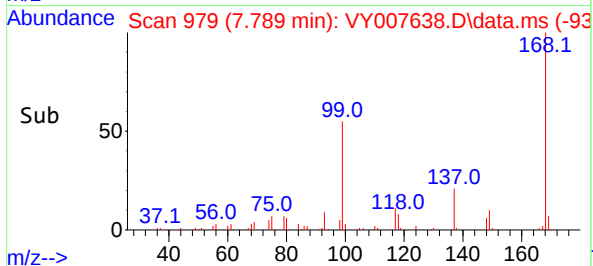
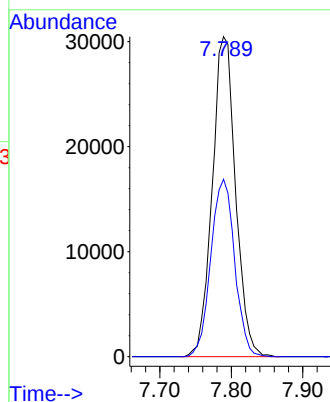
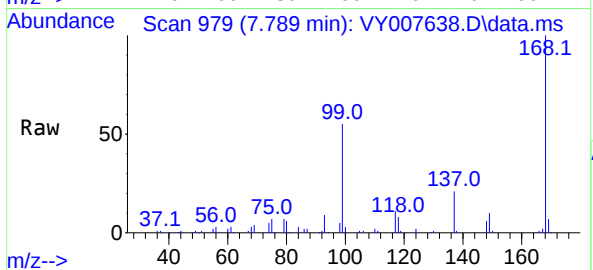




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

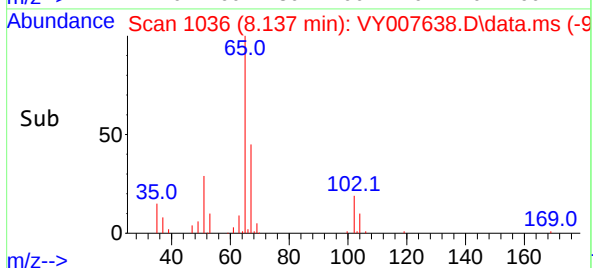
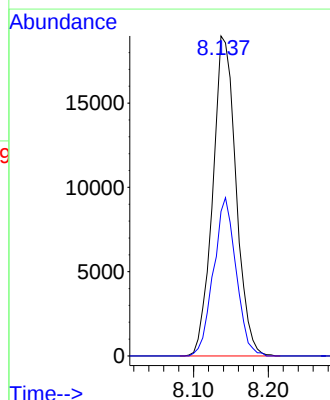
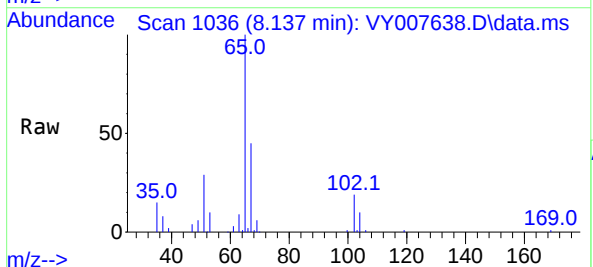
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

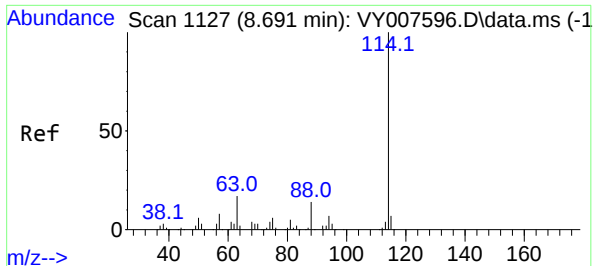
Tgt Ion:168 Resp: 69007
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.409 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 65 Resp: 41001
Ion Ratio Lower Upper
65 100
67 48.0 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: VY007638.D

Acq: 25 Feb 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

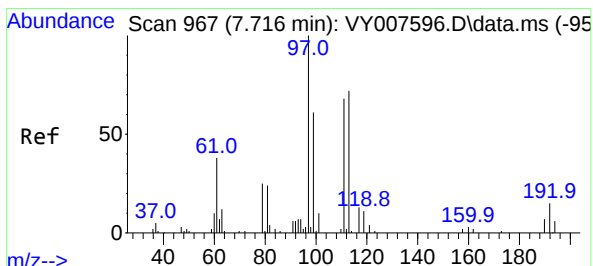
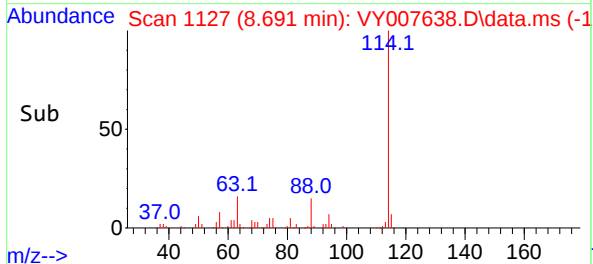
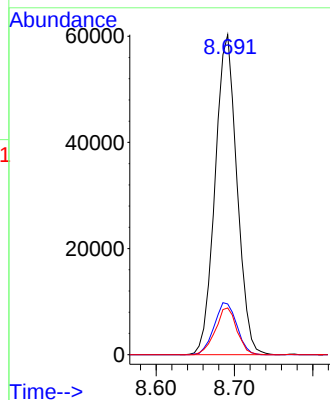
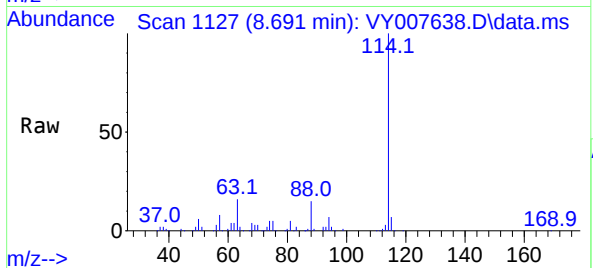
Tgt Ion:114 Resp: 116827

Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.828 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007638.D

Acq: 25 Feb 2022 15:48

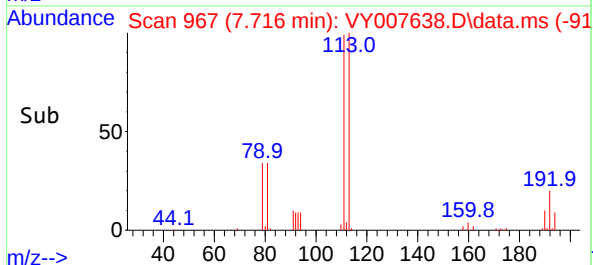
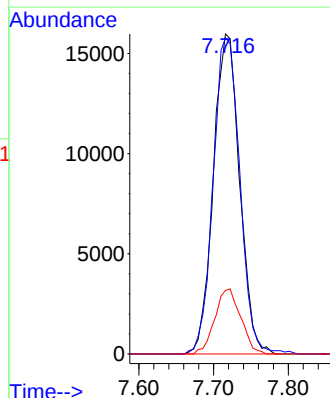
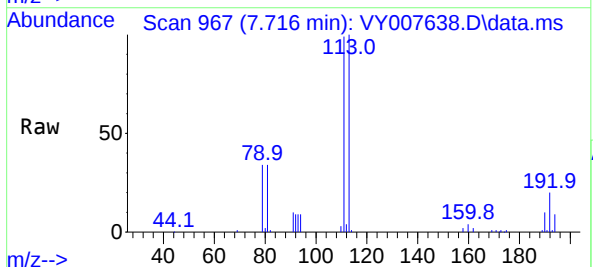
Tgt Ion:113 Resp: 38943

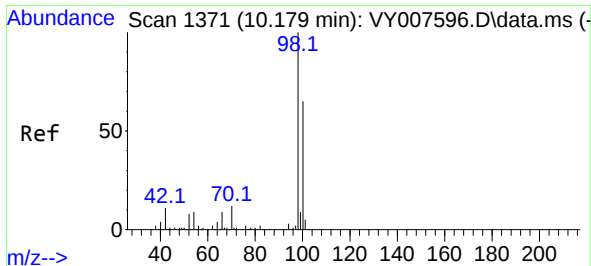
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 20.1 17.6 26.4

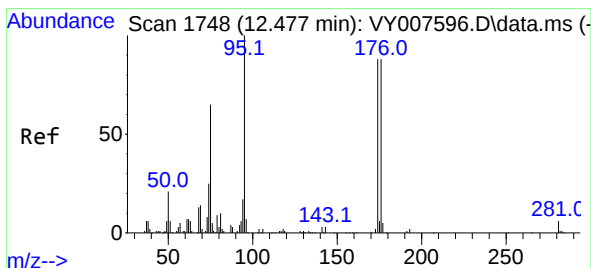
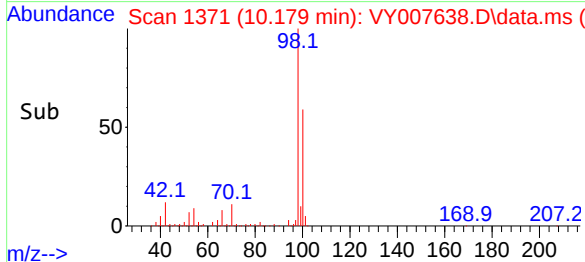
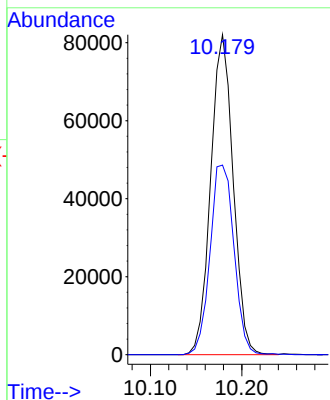
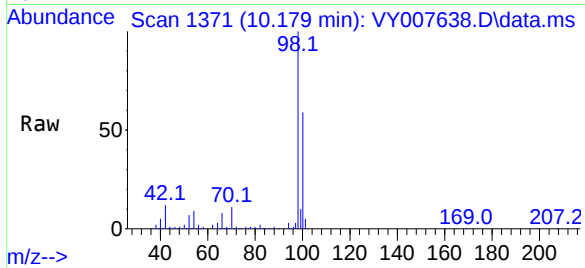




#50
Toluene-d8
Concen: 51.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

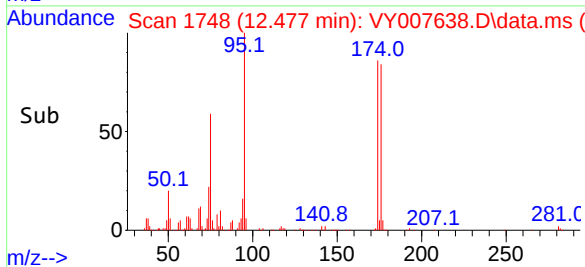
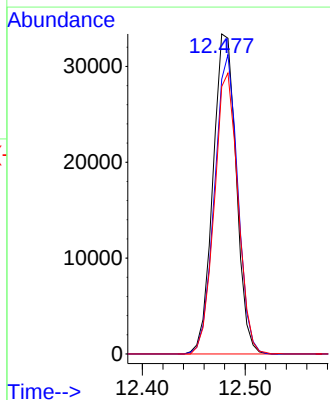
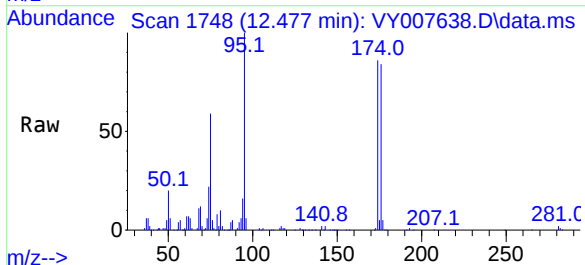
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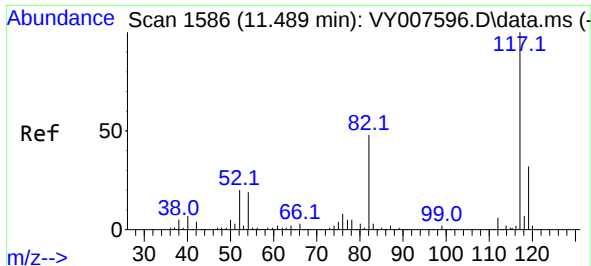
Tgt Ion: 98 Resp: 140045
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion: 95 Resp: 52310
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 89.1 0.0 175.8

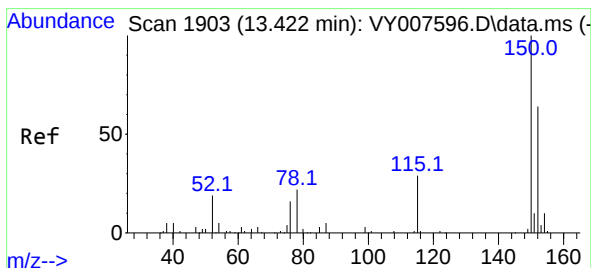
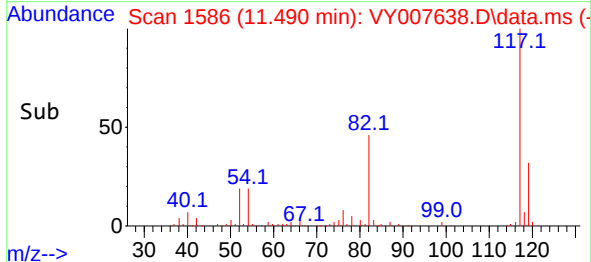
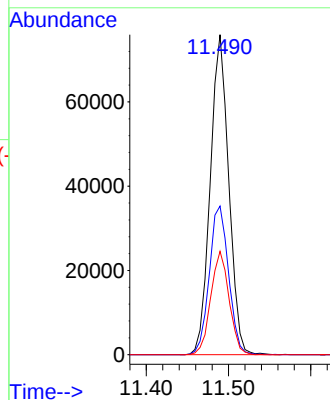
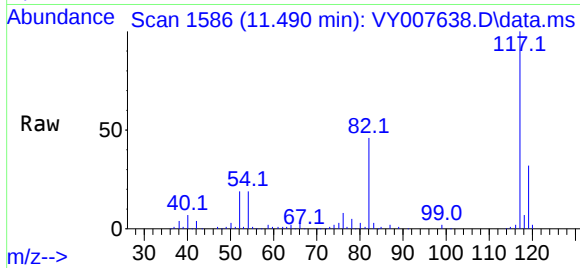




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 118745
Ion Ratio Lower Upper
117 100
82 46.5 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. 0.000 min
Lab File: VY007638.D
Acq: 25 Feb 2022 15:48

Tgt Ion:152 Resp: 58269
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.7 0.0 347.6

