

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007396.D
 Acq On : 04 Feb 2022 15:50
 Operator : SY/MD
 Sample : N1387-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24801

Quant Time: Feb 06 23:36:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	20727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	35984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	27784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11125	46.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.320%
35) Dibromofluoromethane	7.722	113	10931	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.179	98	42314	49.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.477	95	13583	46.813	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.620%

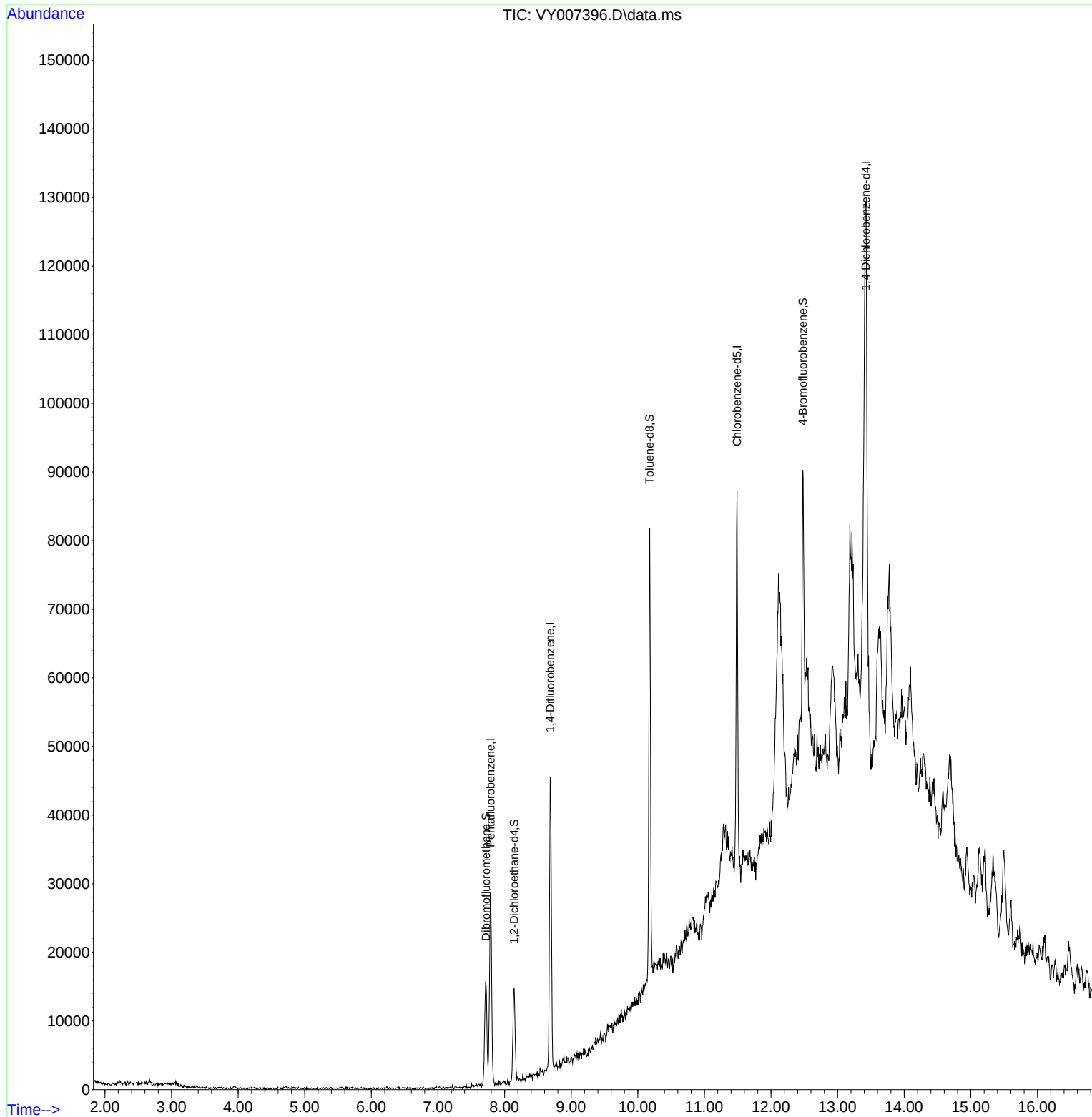
Target Compounds	Qvalue

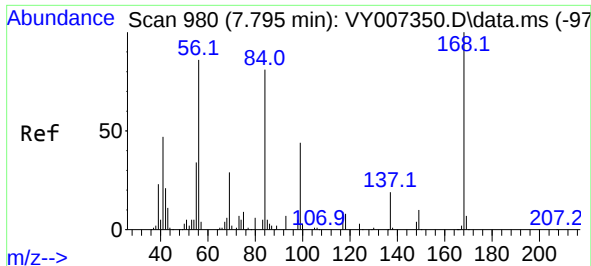
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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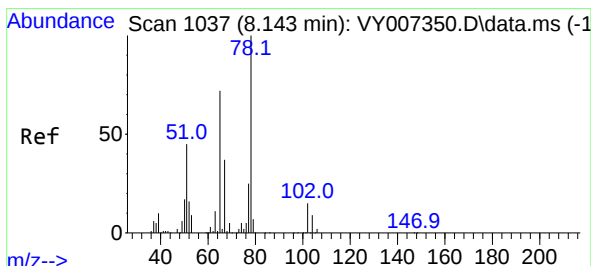
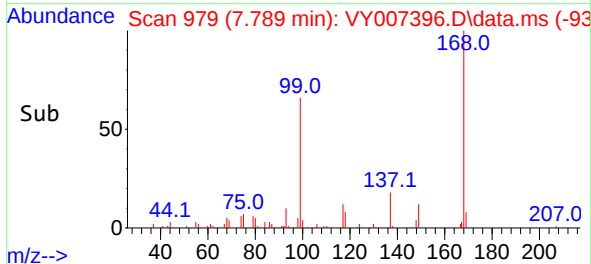
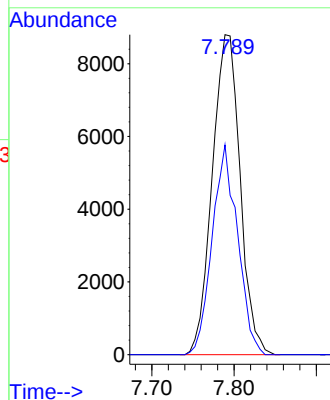
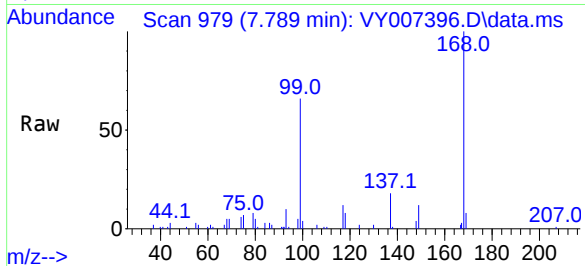




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007396.D
Acq: 04 Feb 2022 15:50

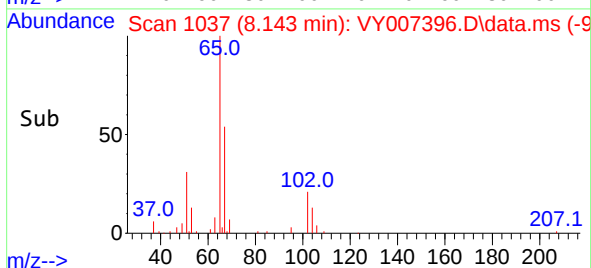
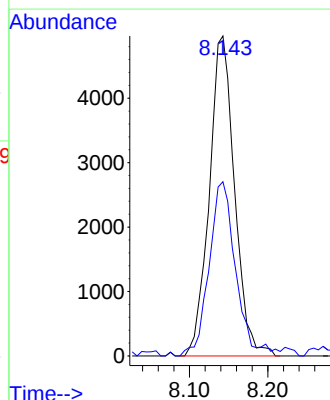
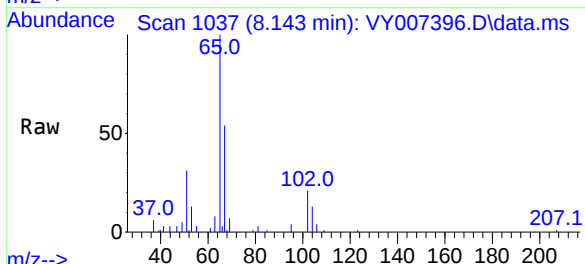
Instrument :
MSVOA_Y
ClientSampleId :
24801

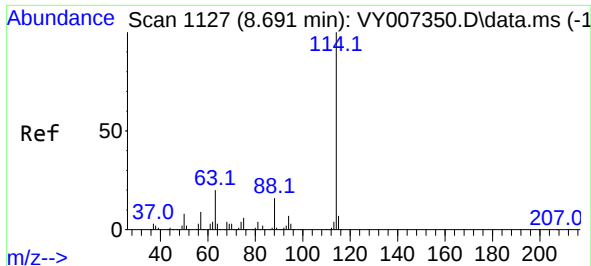
Tgt Ion:168 Resp: 20727
Ion Ratio Lower Upper
168 100
99 65.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.663 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007396.D
Acq: 04 Feb 2022 15:50

Tgt Ion: 65 Resp: 11125
Ion Ratio Lower Upper
65 100
67 55.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007396.D

Acq: 04 Feb 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

24801

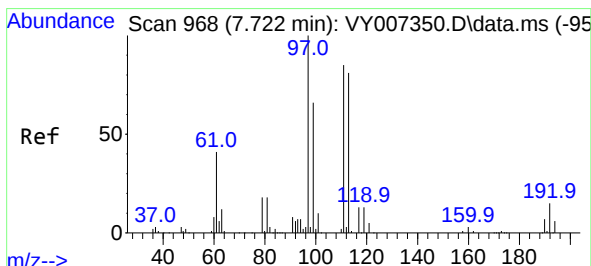
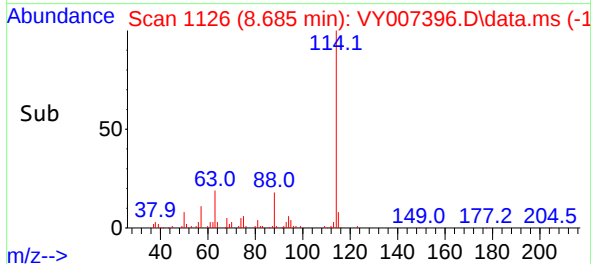
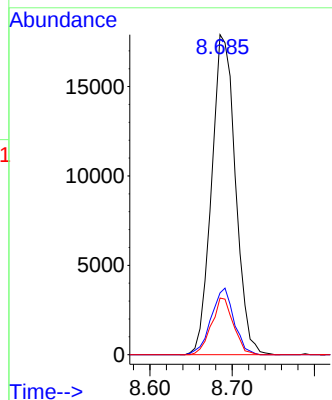
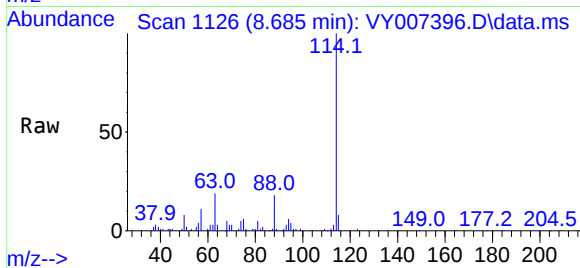
Tgt Ion:114 Resp: 35984

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 17.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007396.D

Acq: 04 Feb 2022 15:50

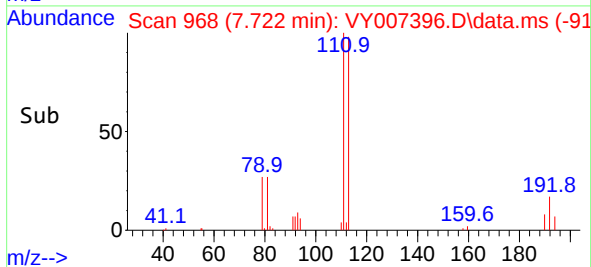
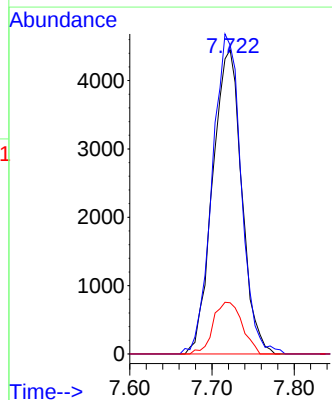
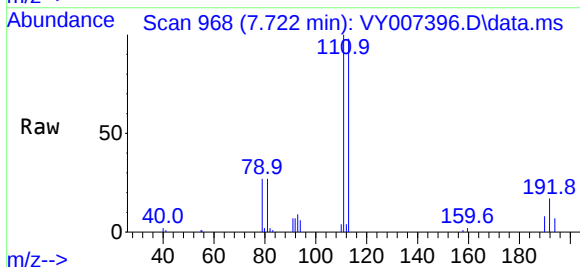
Tgt Ion:113 Resp: 10931

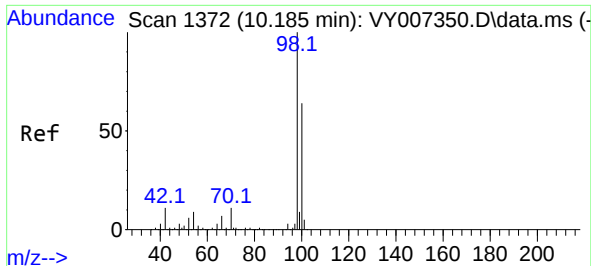
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.0 17.6 26.4#

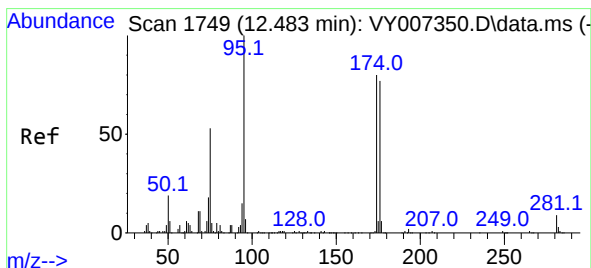
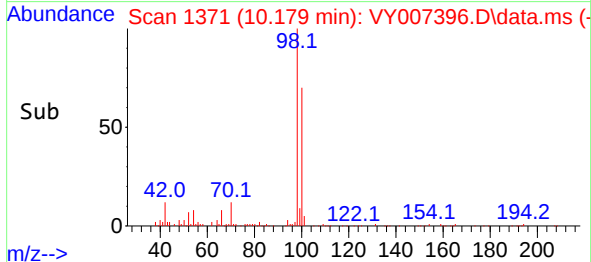
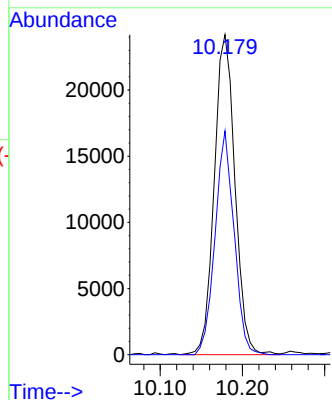
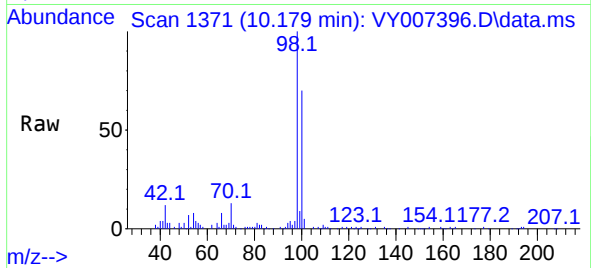




#50
Toluene-d8
Concen: 49.567 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007396.D
Acq: 04 Feb 2022 15:50

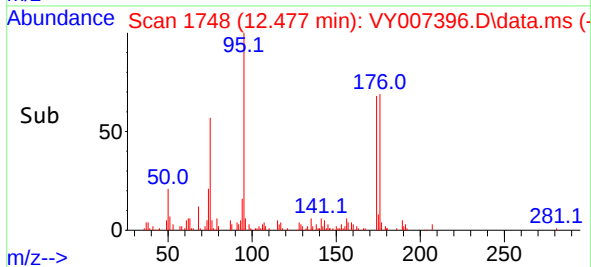
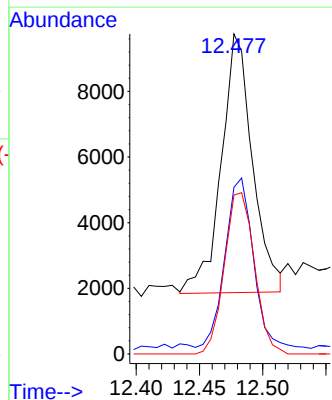
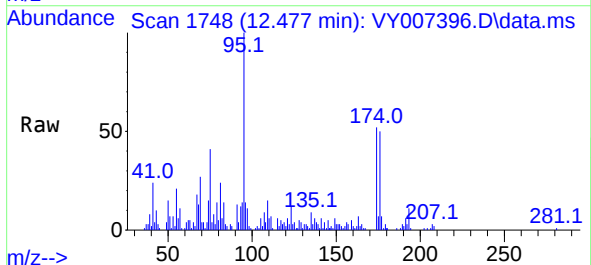
Instrument :
MSVOA_Y
ClientSampleId :
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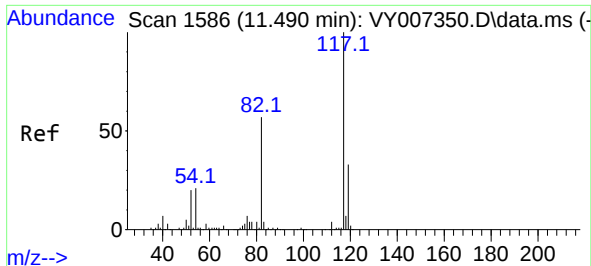
Tgt Ion: 98 Resp: 42314
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007396.D
Acq: 04 Feb 2022 15:50

Tgt Ion: 95 Resp: 13583
Ion Ratio Lower Upper
95 100
174 60.1 0.0 177.0
176 59.7 0.0 175.8

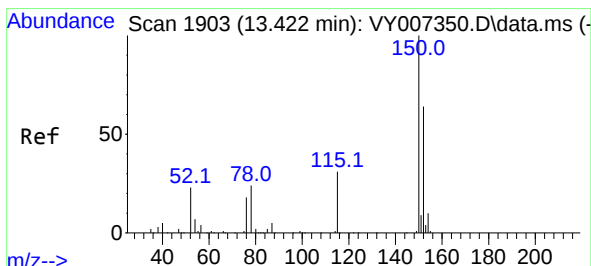
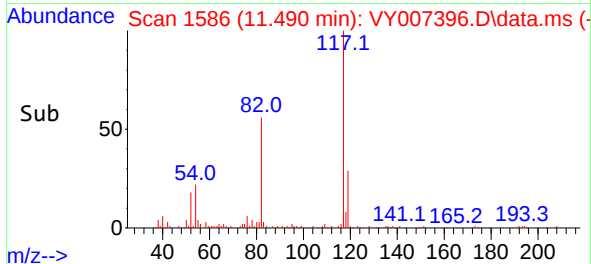
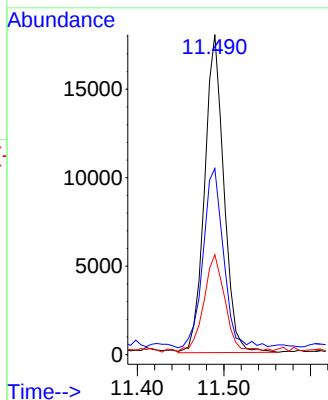
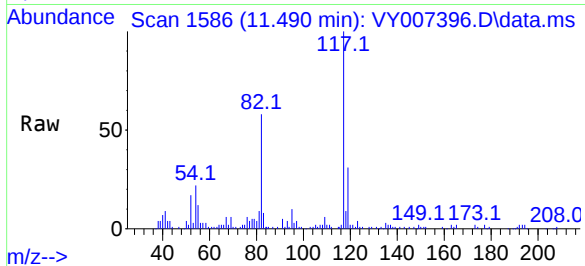




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007396.D
Acq: 04 Feb 2022 15:50

Instrument :
MSVOA_Y
ClientSampleId :
24801

Tgt Ion:	117	Resp:	27784
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.0	64.4
119	30.4	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: VY007396.D
Acq: 04 Feb 2022 15:50

Tgt Ion:	152	Resp:	8848
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	145.6	0.0	347.6

