

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007398.D
 Acq On : 04 Feb 2022 16:37
 Operator : SY/MD
 Sample : N1387-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27116

Quant Time: Feb 06 23:36:53 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	80194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	112007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40154	43.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.060%
35) Dibromofluoromethane	7.716	113	40652	45.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.179	98	162870	49.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.477	95	47647	42.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.500%

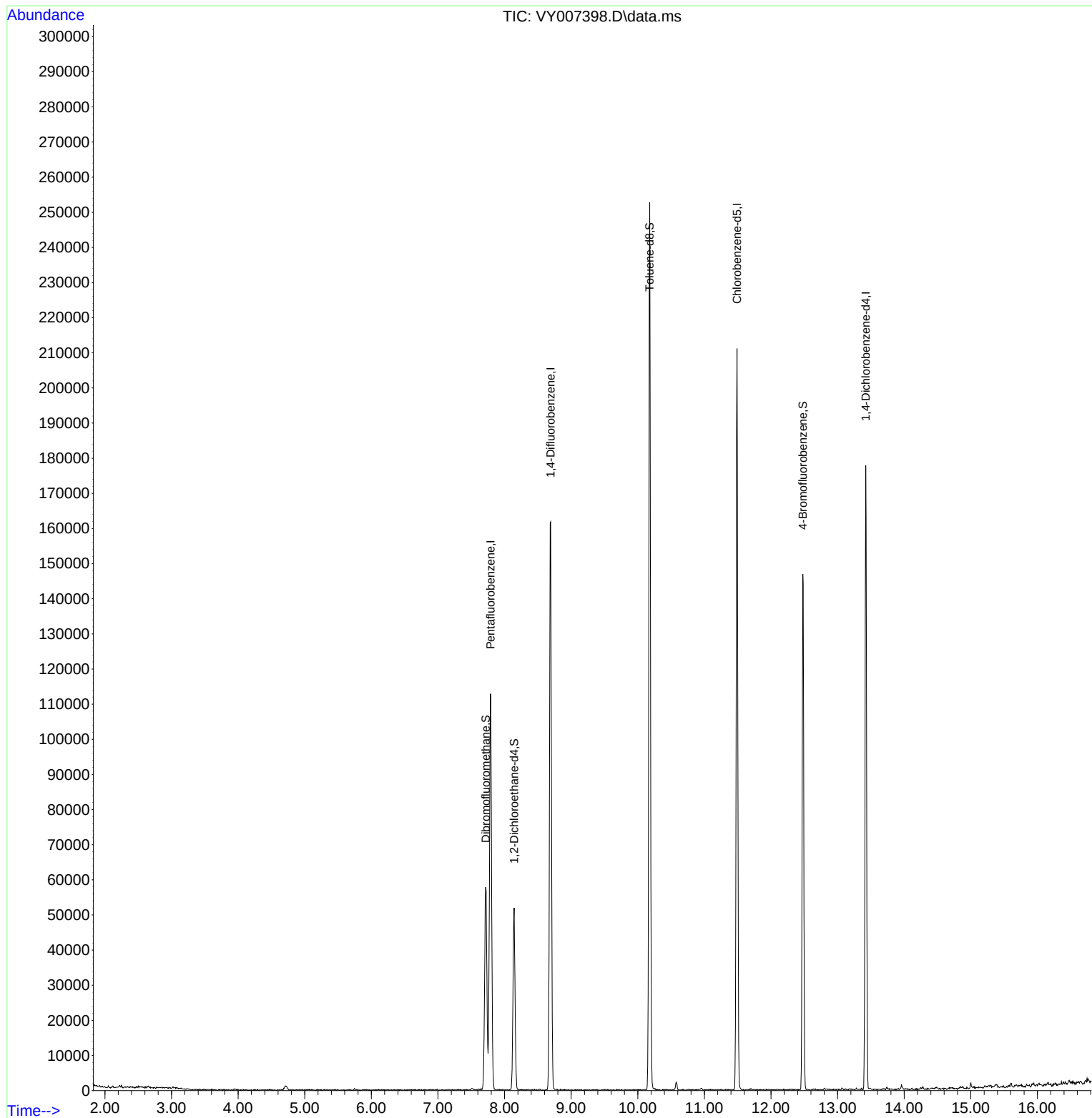
Target Compounds	Qvalue

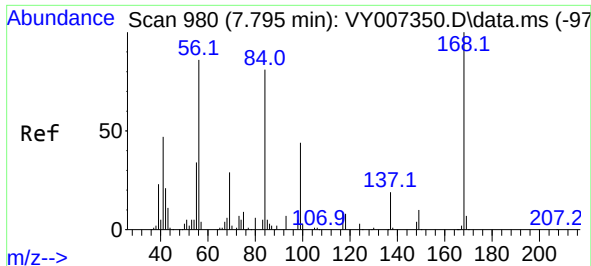
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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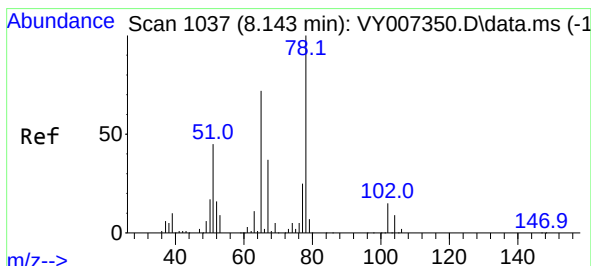
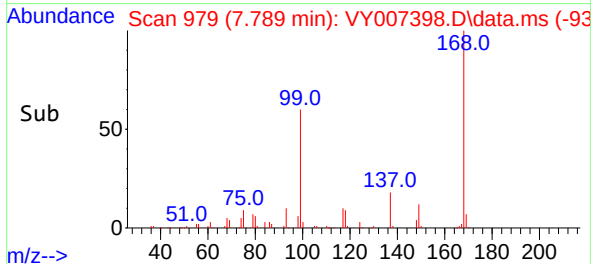
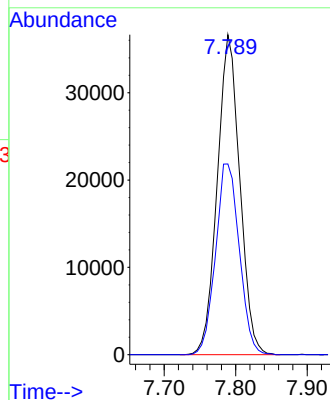
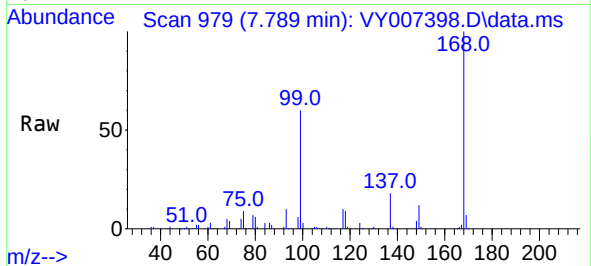




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

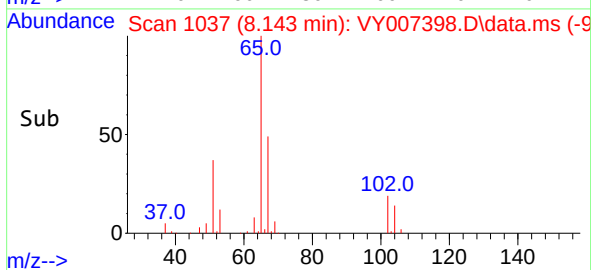
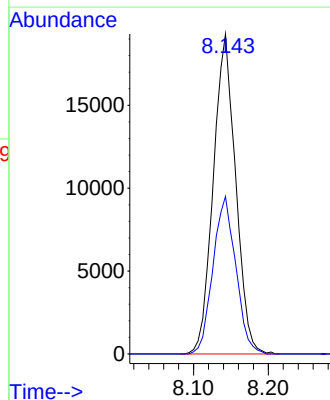
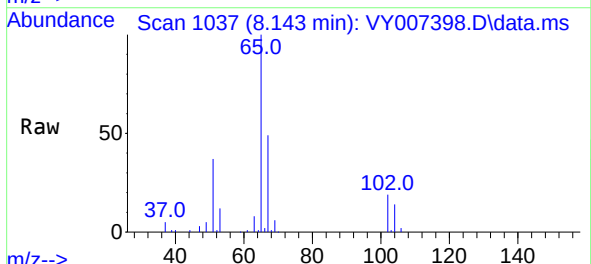
Instrument :
MSVOA_Y
ClientSampleId :
27116

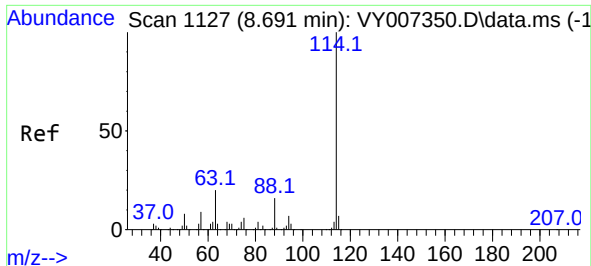
Tgt Ion:168 Resp: 80194
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.531 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 65 Resp: 40154
Ion Ratio Lower Upper
65 100
67 50.3 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: VY007398.D

Acq: 04 Feb 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

27116

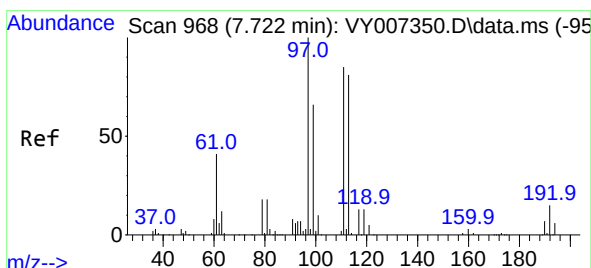
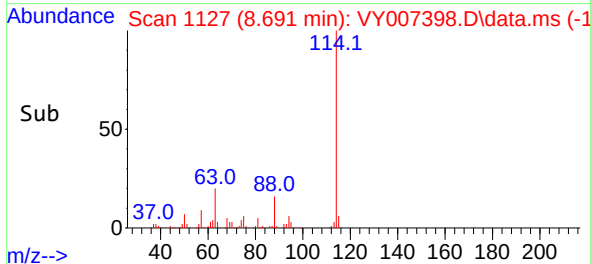
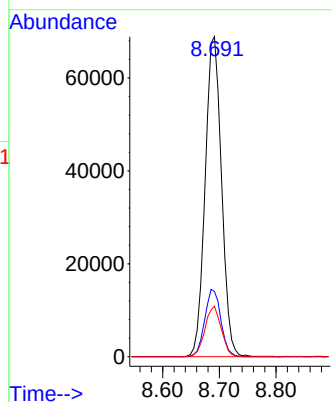
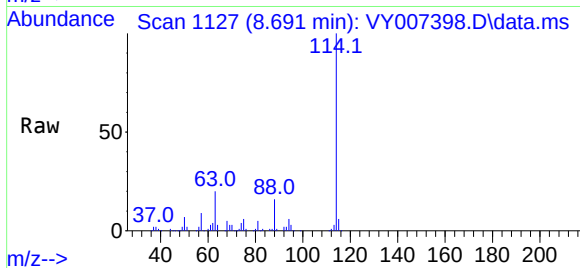
Tgt Ion:114 Resp: 138218

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.803 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

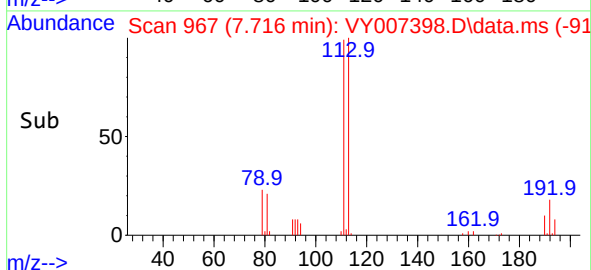
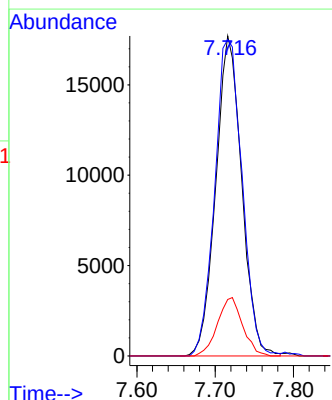
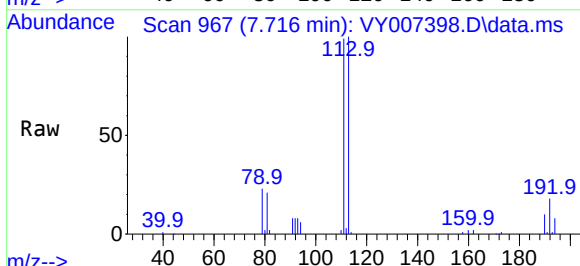
Tgt Ion:113 Resp: 40652

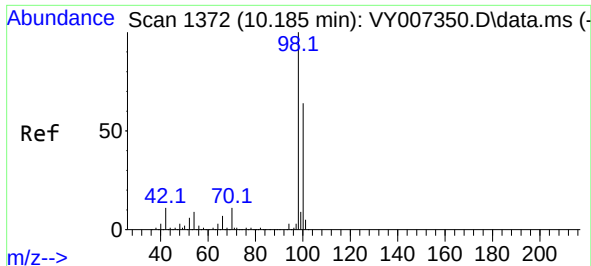
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.7 17.6 26.4

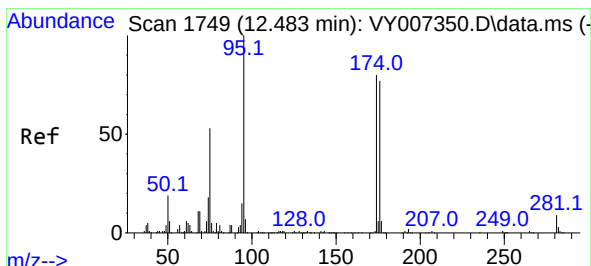
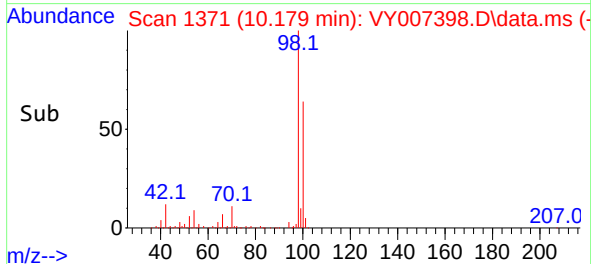
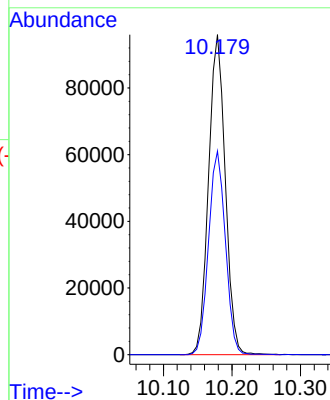
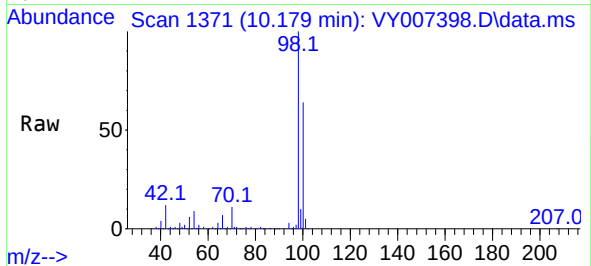




#50
Toluene-d8
Concen: 49.670 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

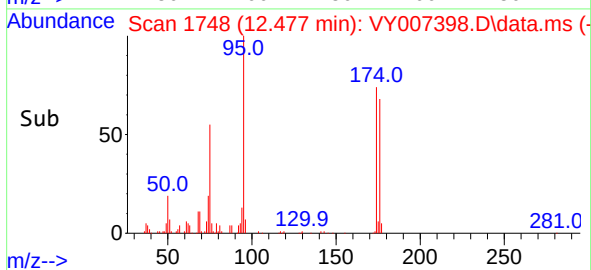
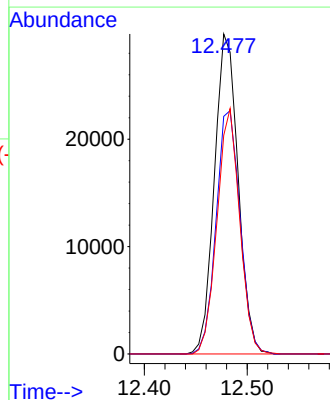
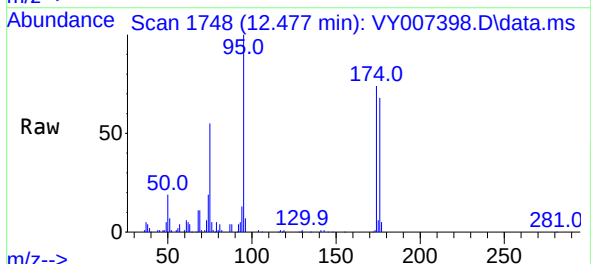
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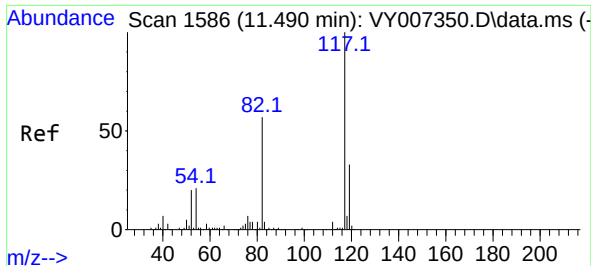
Tgt Ion: 98 Resp: 162870
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 95 Resp: 47647
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 73.4 0.0 175.8

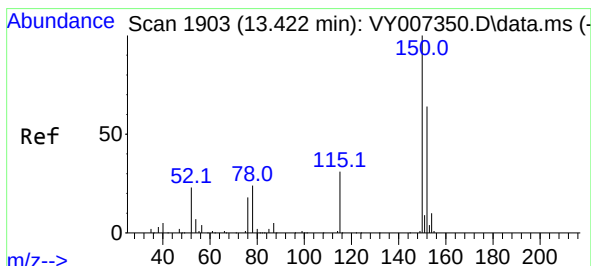
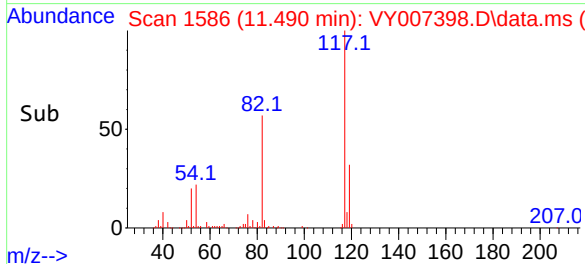
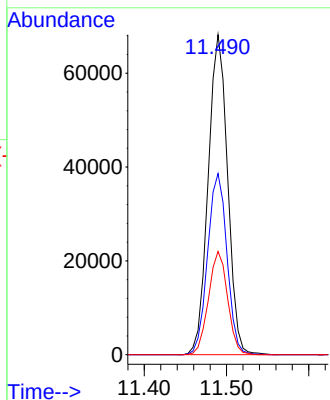
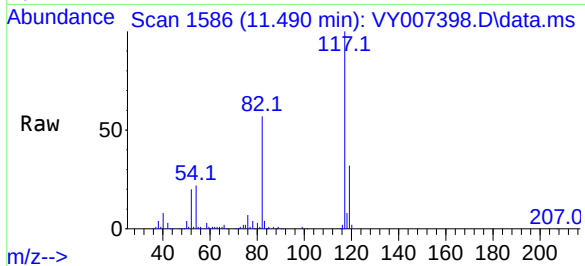




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
27116

Tgt Ion:117 Resp: 112007
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 32.2 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: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion:152 Resp: 42339
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.7
150 158.4 0.0 347.6

