

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007641.D
 Acq On : 25 Feb 2022 16:58
 Operator : SY/MD
 Sample : N1664-16
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Feb 27 23:58:37 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	67464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40232	53.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.716	113	37367	51.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.179	98	132786	49.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.477	95	51801	56.961	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.920%

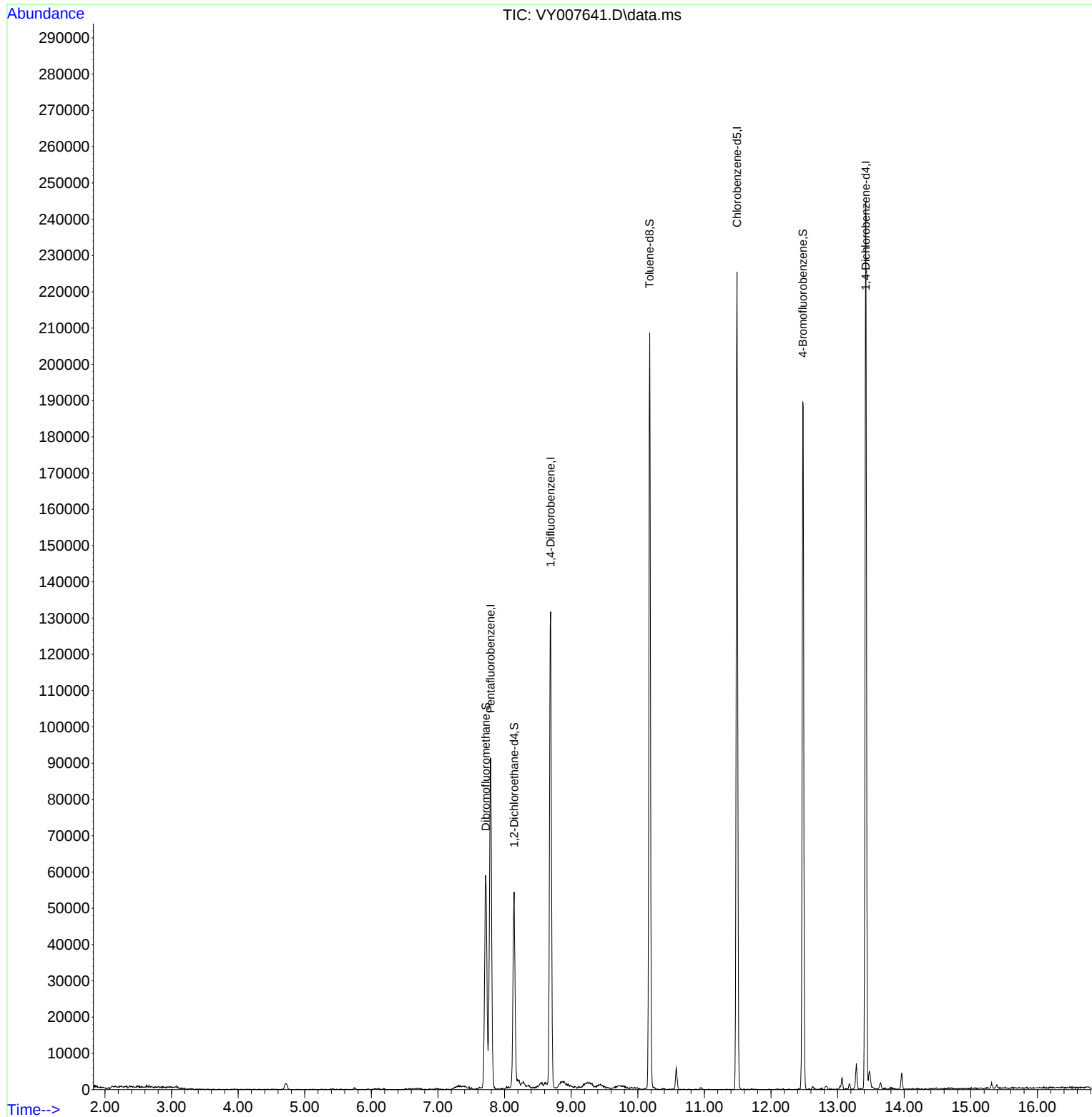
Target Compounds	Qvalue

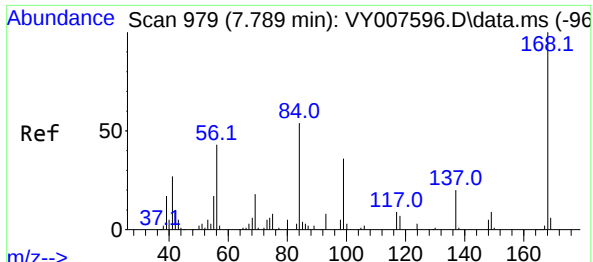
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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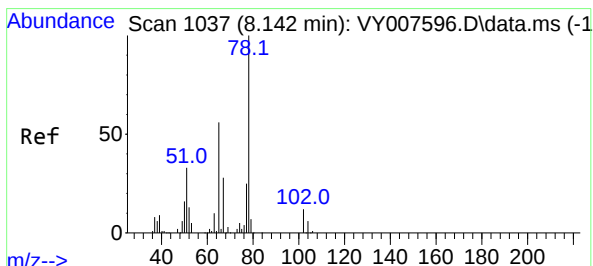
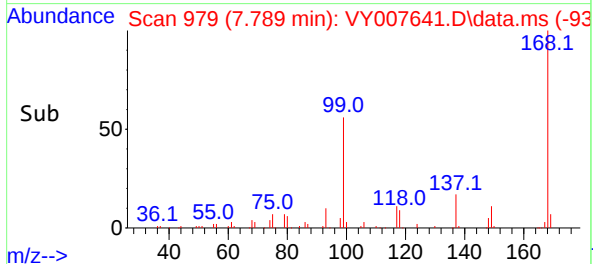
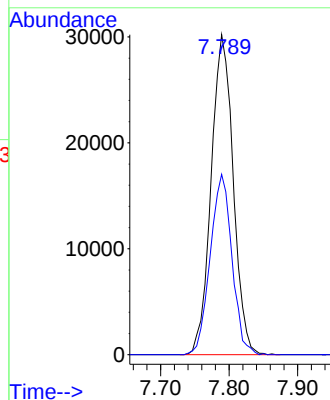
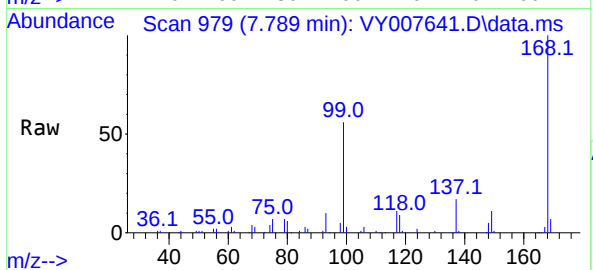




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

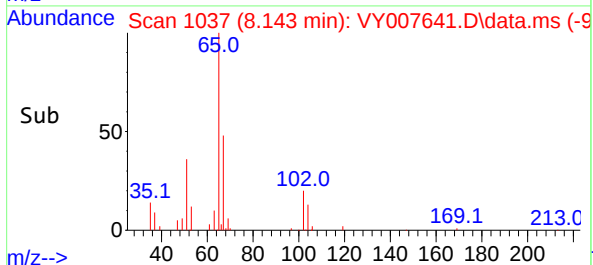
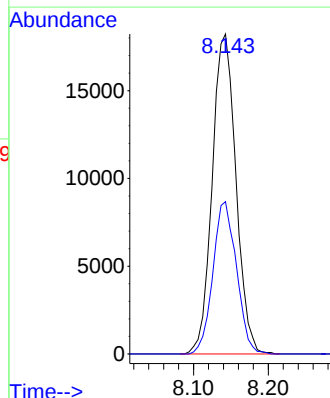
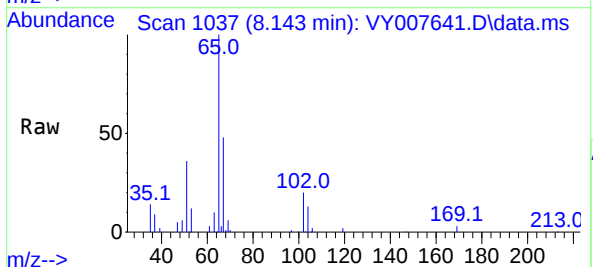
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

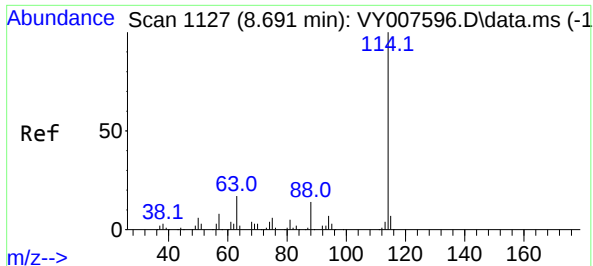
Tgt Ion:168 Resp: 67464
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.606 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 65 Resp: 40232
Ion Ratio Lower Upper
65 100
67 47.3 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: VY007641.D

Acq: 25 Feb 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

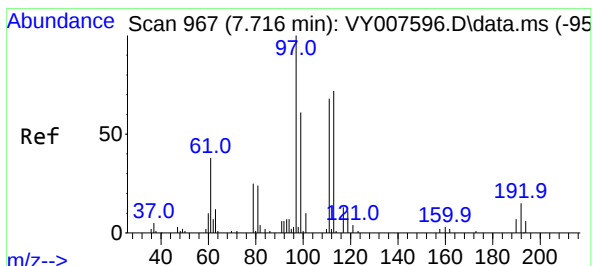
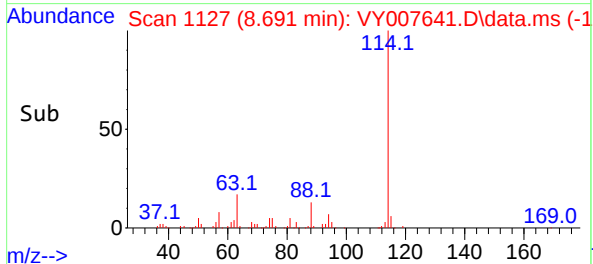
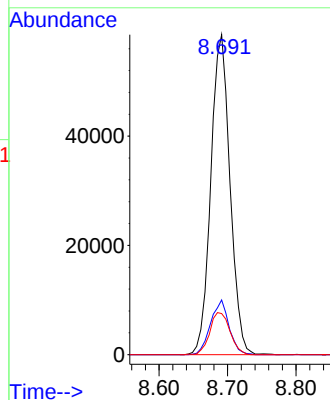
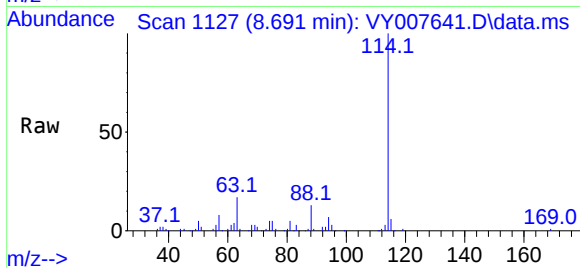
Tgt Ion:114 Resp: 113983

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.955 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007641.D

Acq: 25 Feb 2022 16:58

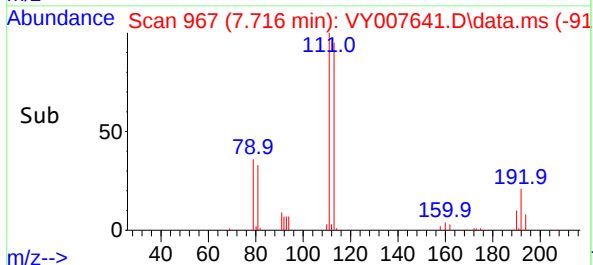
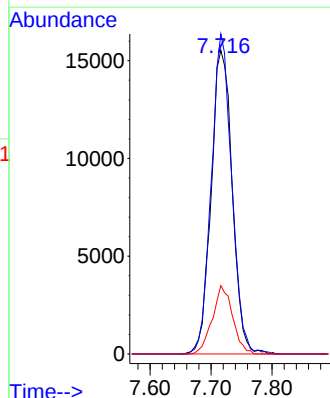
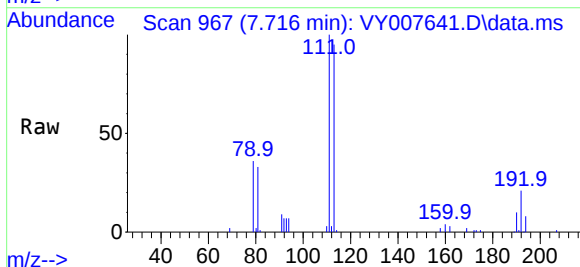
Tgt Ion:113 Resp: 37367

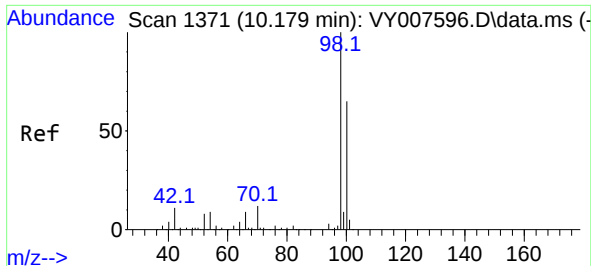
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.6 17.6 26.4

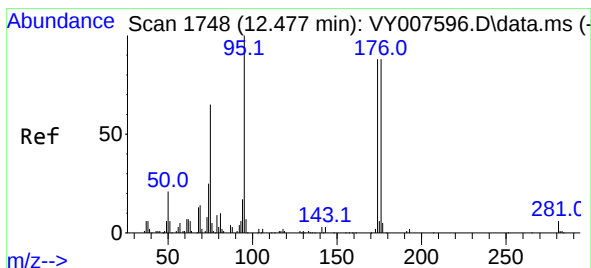
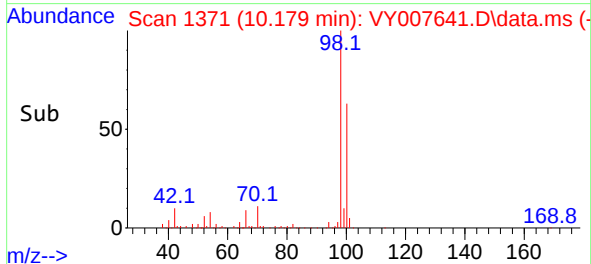
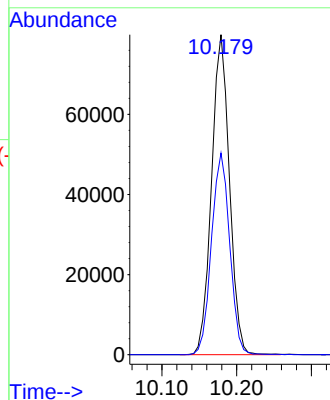
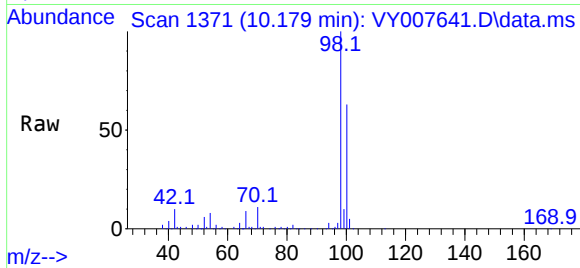




#50
Toluene-d8
Concen: 49.909 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

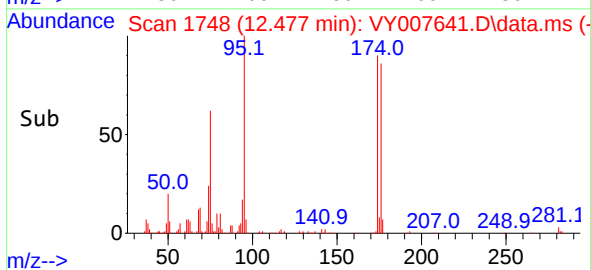
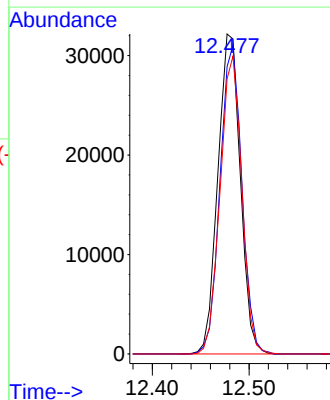
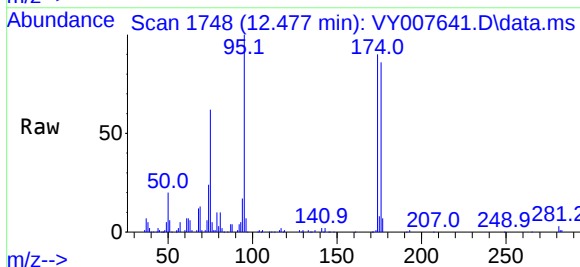
Instrument :
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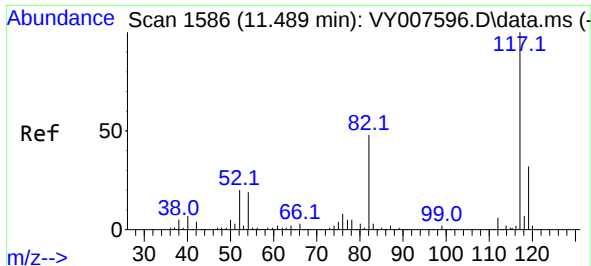
Tgt Ion: 98 Resp: 132786
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.961 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 95 Resp: 51801
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 89.9 0.0 175.8

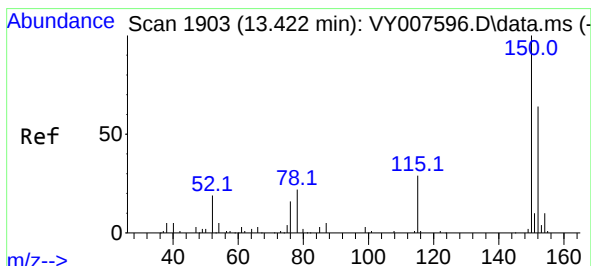
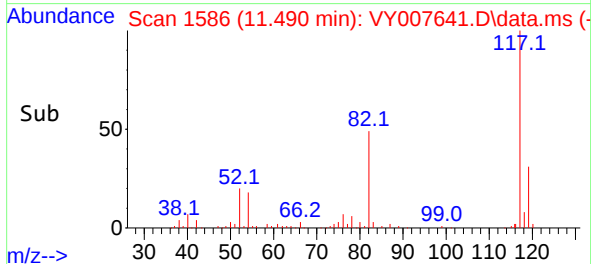
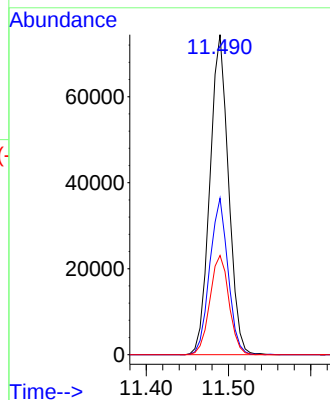
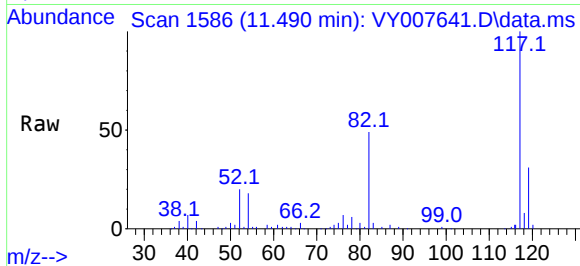




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 116893
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 31.0 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: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion:152 Resp: 59280
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.3 0.0 347.6

