

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007423.D
 Acq On : 07 Feb 2022 19:14
 Operator : SY/MD
 Sample : N1422-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-2

Quant Time: Feb 08 00:42:07 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	7.795	168	102738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65999	55.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.700%
35) Dibromofluoromethane	7.722	113	58265	46.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.179	98	240015	51.921	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.483	95	84926	54.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.100%

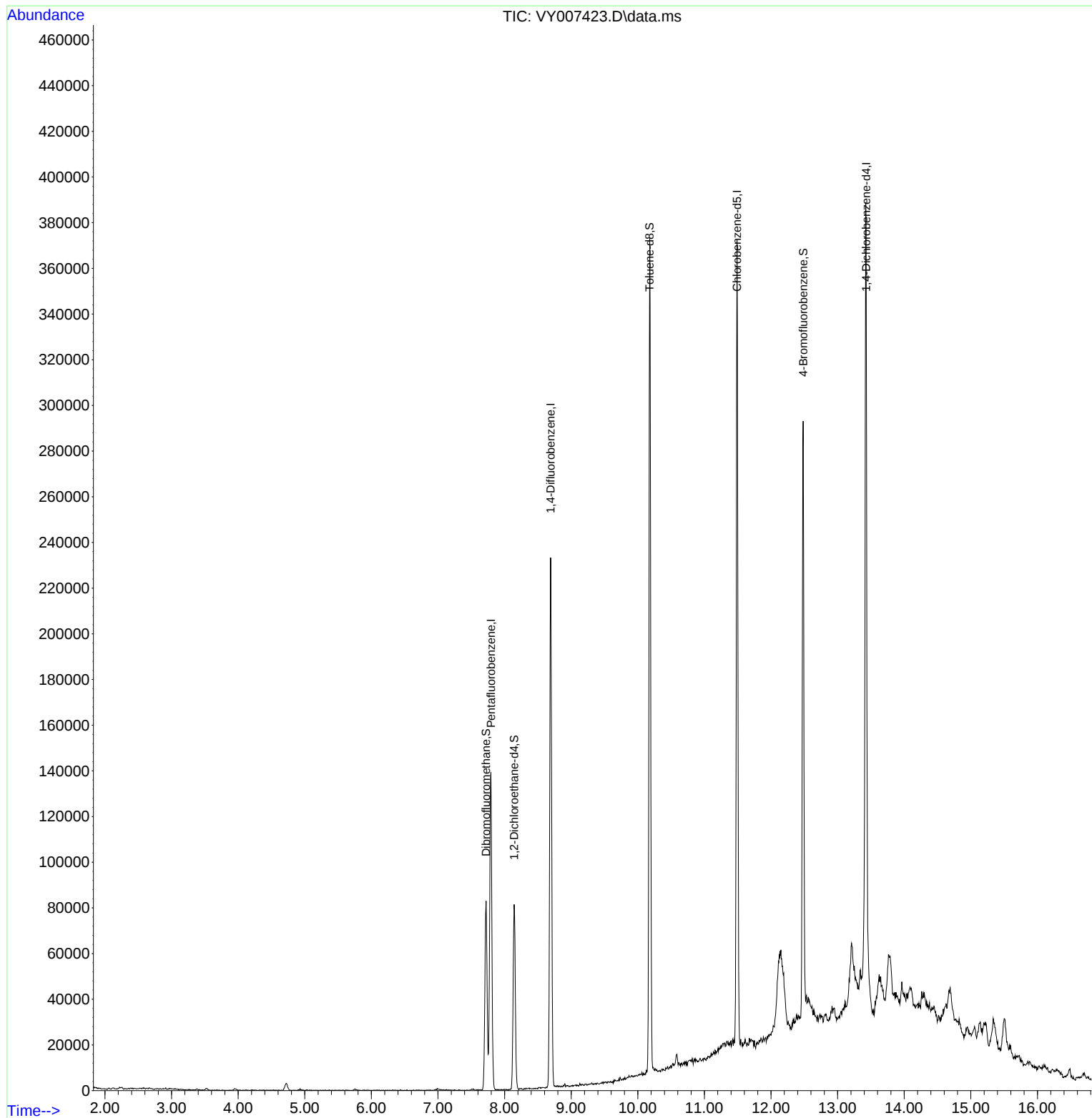
Target Compounds	Qvalue

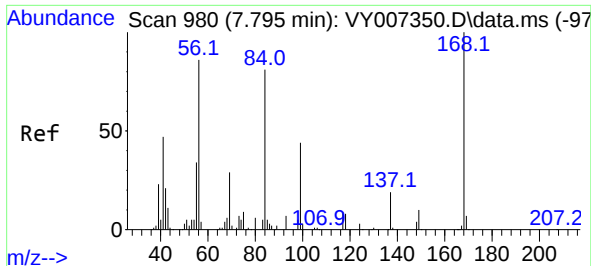
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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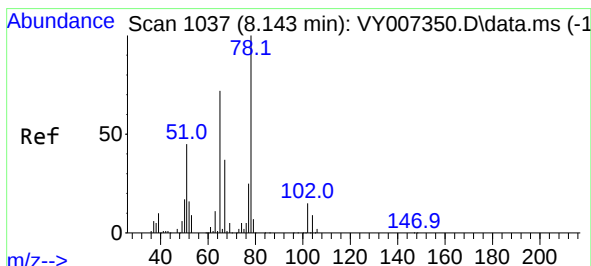
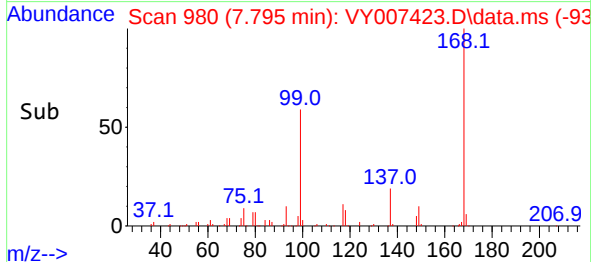
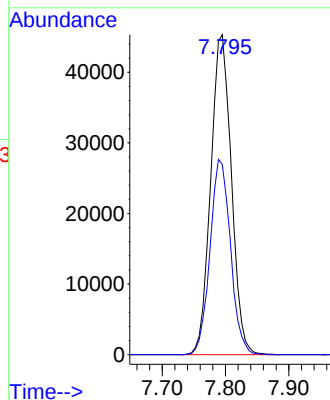
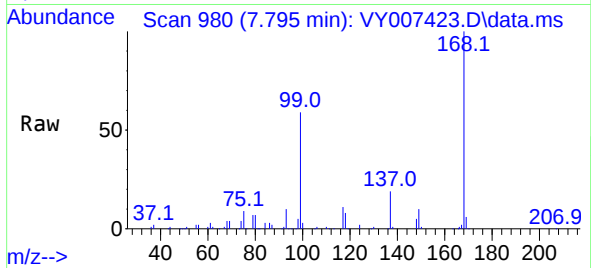




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

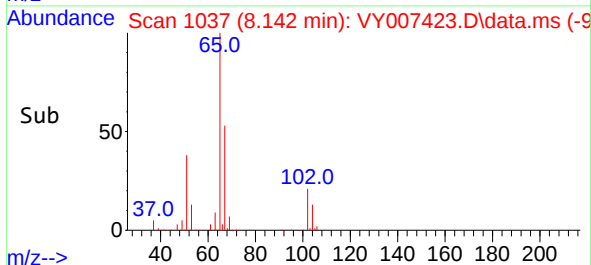
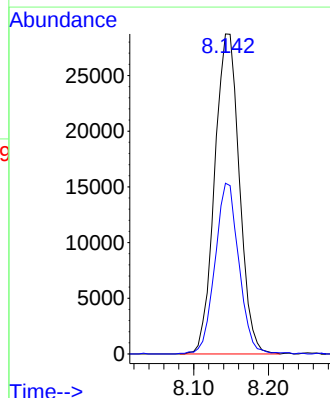
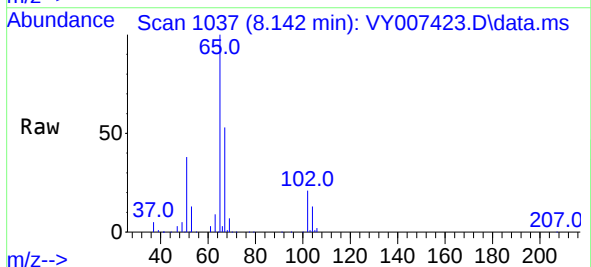
Instrument :
MSVOA_Y
ClientSampleId :
BP-2

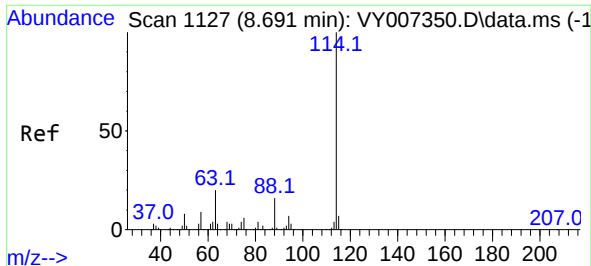
Tgt Ion:168 Resp: 102738
Ion Ratio Lower Upper
168 100
99 59.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.849 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

Tgt Ion: 65 Resp: 65999
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007423.D

Acq: 07 Feb 2022 19:14

Instrument :

MSVOA_Y

ClientSampleId :

BP-2

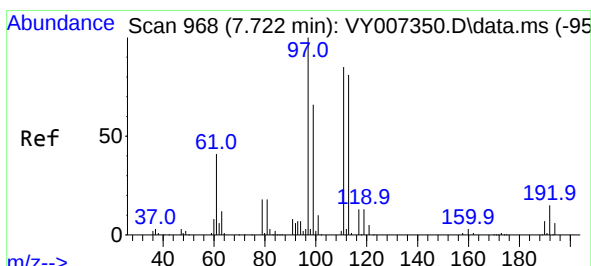
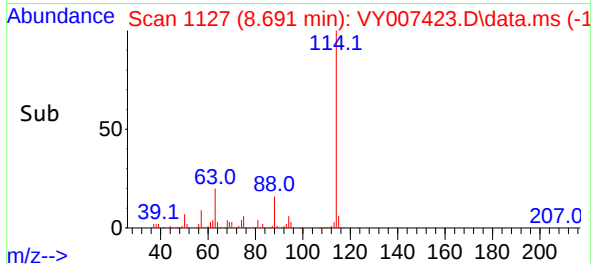
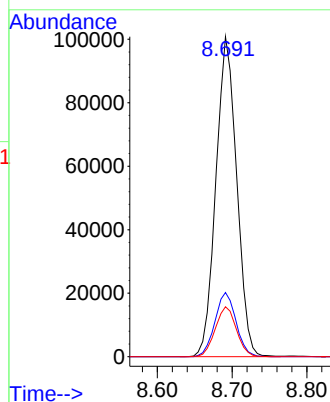
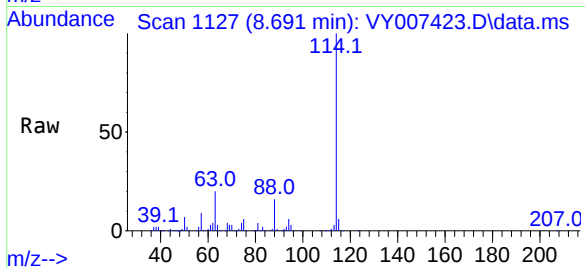
Tgt Ion:114 Resp: 194853

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.567 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

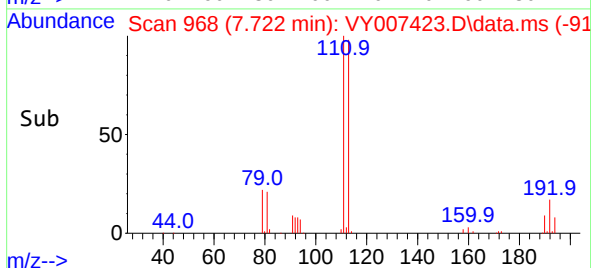
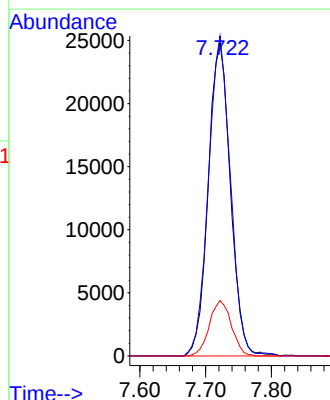
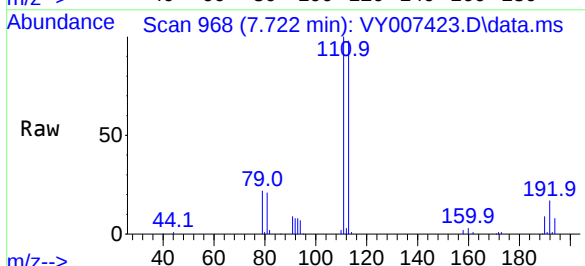
Tgt Ion:113 Resp: 58265

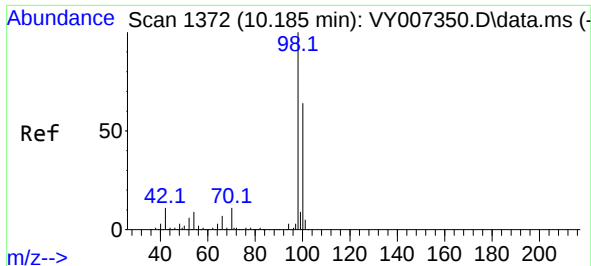
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 17.6 17.6 26.4#

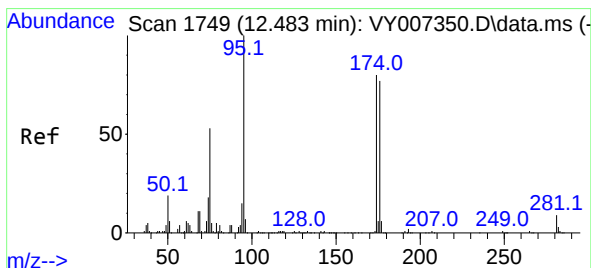
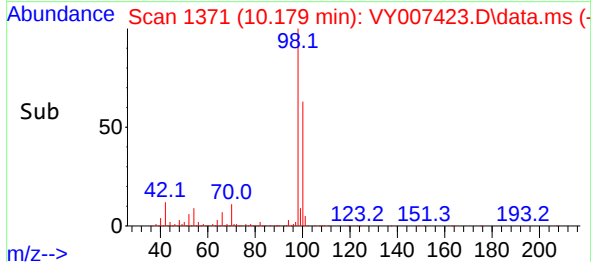
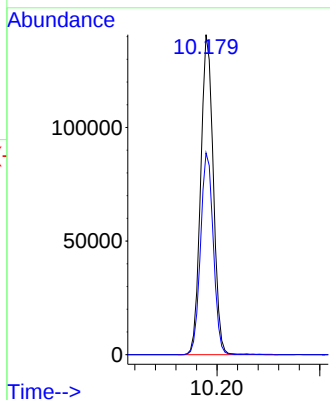
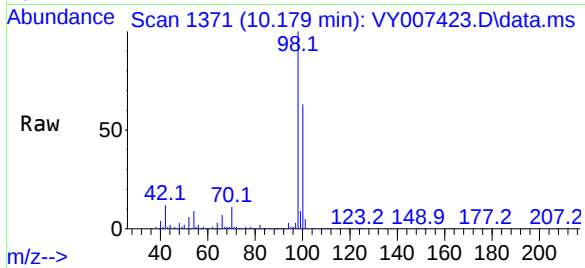




#50
Toluene-d8
Concen: 51.921 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

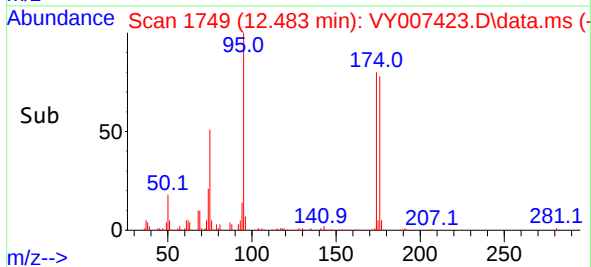
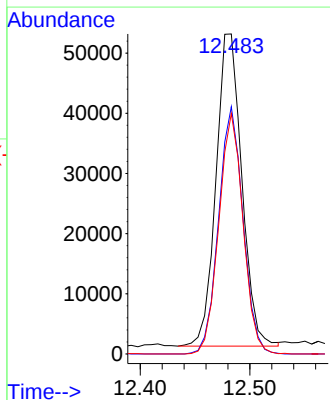
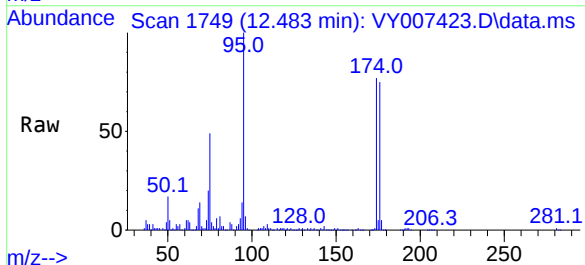
Instrument :
MSVOA_Y
ClientSampleId :
BP-2

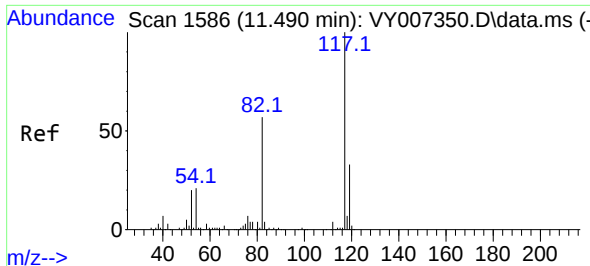
Tgt Ion: 98 Resp: 240015
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

Tgt Ion: 95 Resp: 84926
Ion Ratio Lower Upper
95 100
174 74.8 0.0 177.0
176 72.0 0.0 175.8

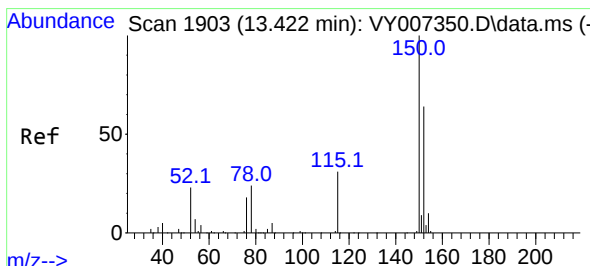
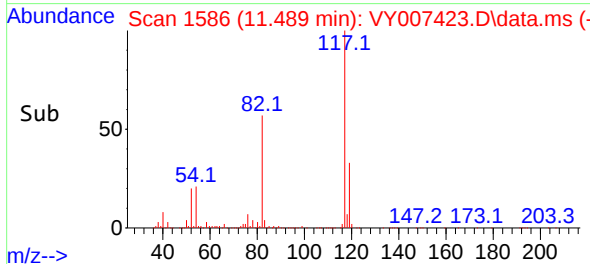
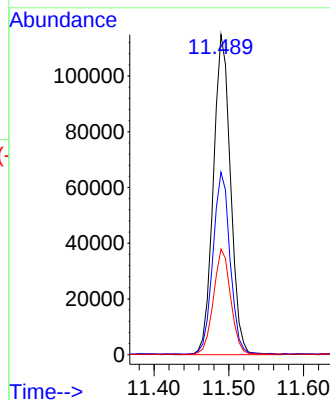
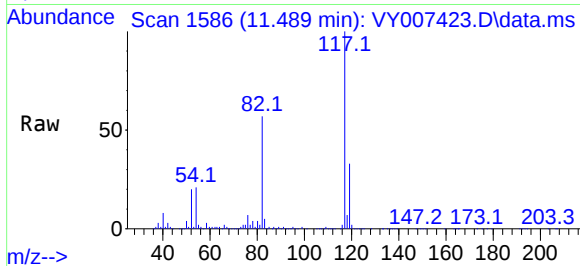




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

Instrument :
MSVOA_Y
ClientSampleId :
BP-2

Tgt Ion:117 Resp: 184169
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007423.D
Acq: 07 Feb 2022 19:14

Tgt Ion:152 Resp: 72956
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 157.2 0.0 347.6

