

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007422.D
 Acq On : 07 Feb 2022 18:50
 Operator : SY/MD
 Sample : N1421-07
 Misc : 6.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Feb 08 00:41:47 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	102357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61945	52.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.722	113	59700	49.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.179	98	224934	50.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.483	95	75548	50.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%

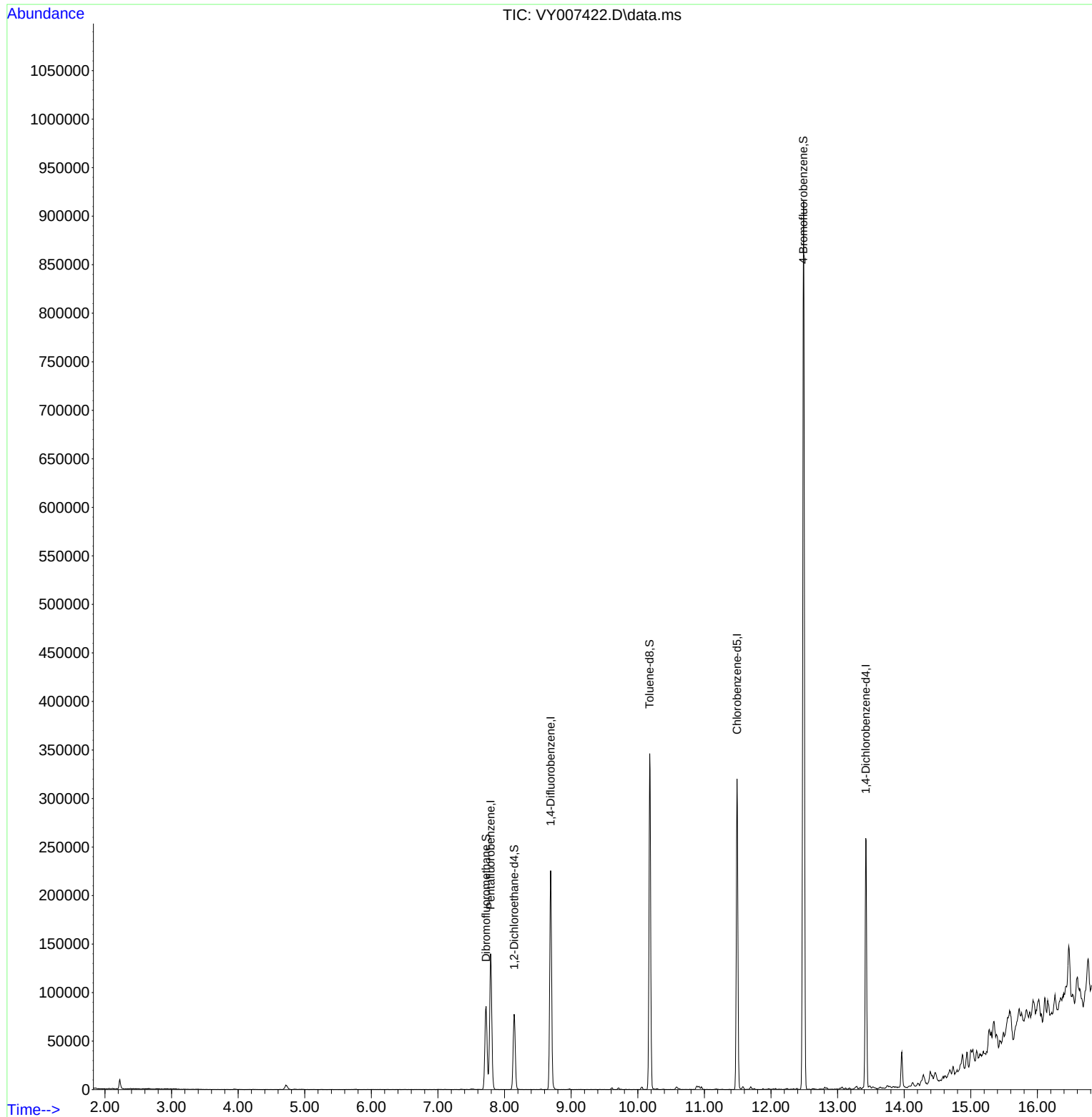
Target Compounds	Qvalue

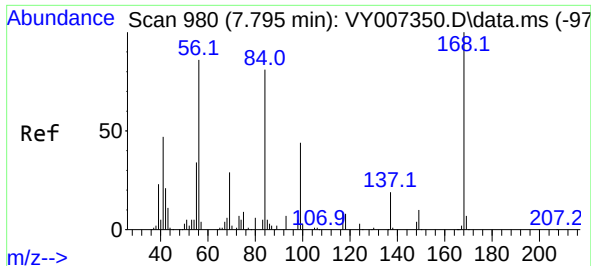
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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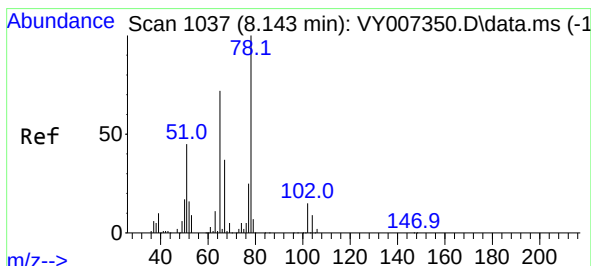
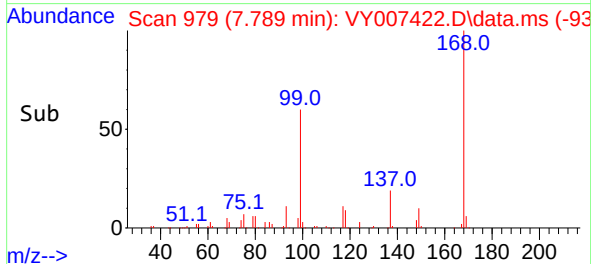
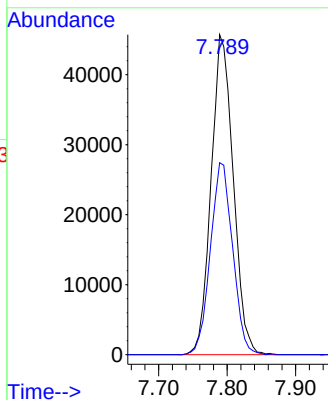
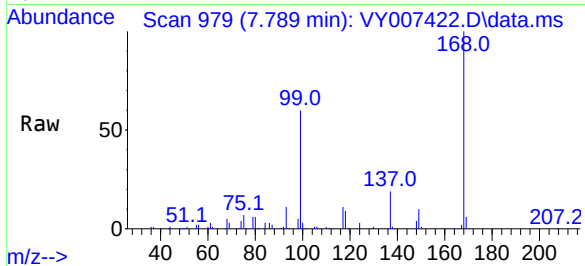




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007422.D
Acq: 07 Feb 2022 18:50

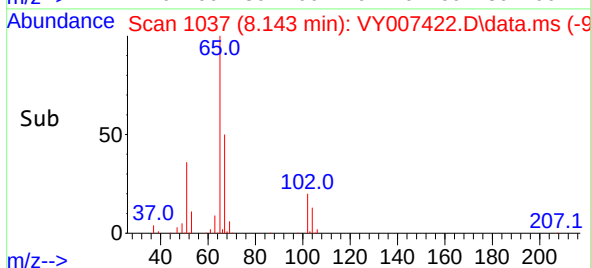
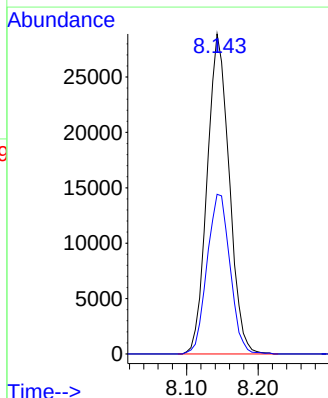
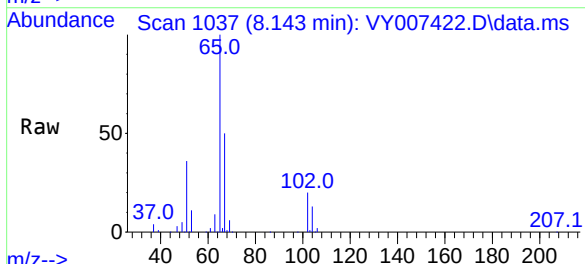
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

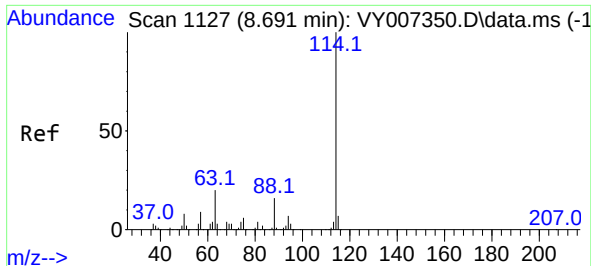
Tgt Ion:168 Resp: 102357
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.614 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007422.D
Acq: 07 Feb 2022 18:50

Tgt Ion: 65 Resp: 61945
Ion Ratio Lower Upper
65 100
67 51.9 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: VY007422.D

Acq: 07 Feb 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

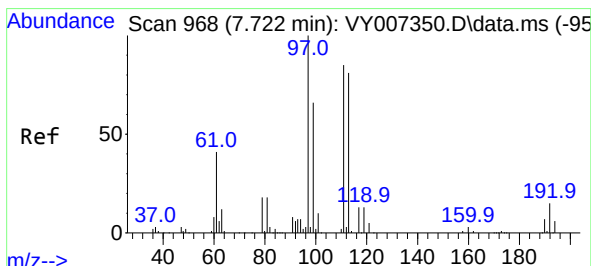
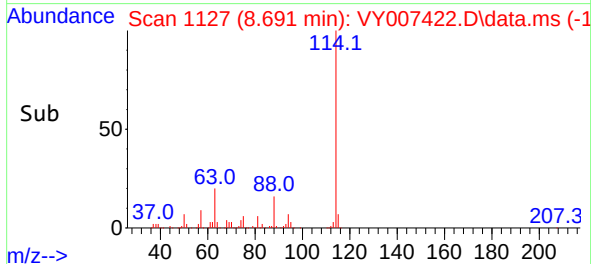
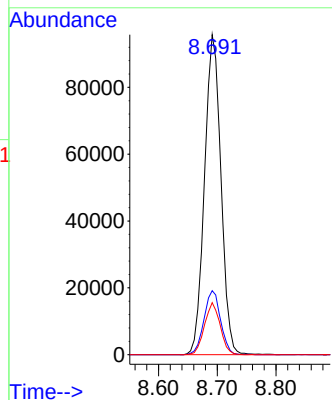
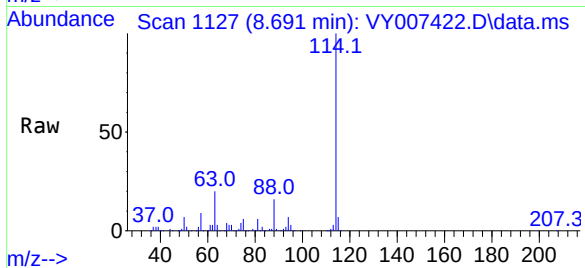
Tgt Ion:114 Resp: 186242

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.919 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007422.D

Acq: 07 Feb 2022 18:50

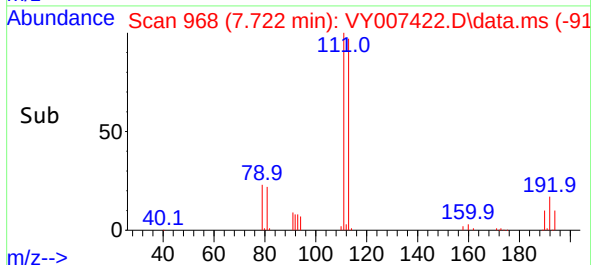
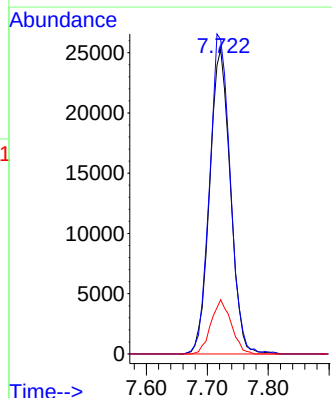
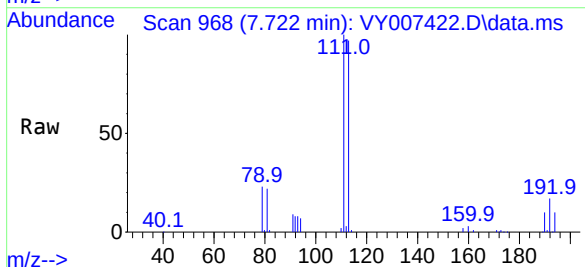
Tgt Ion:113 Resp: 59700

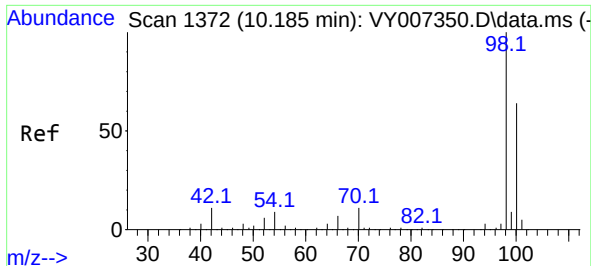
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.4 17.6 26.4#

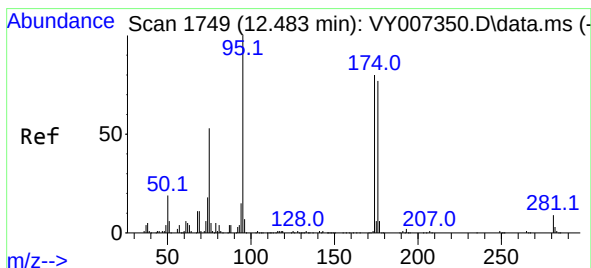
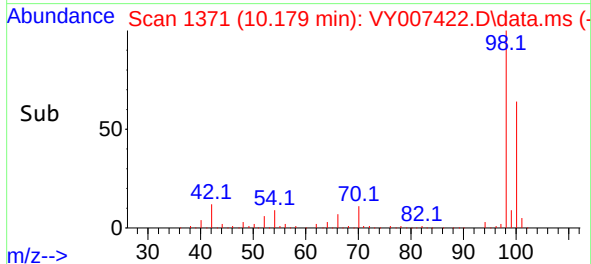
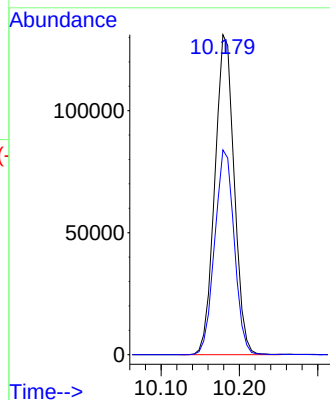
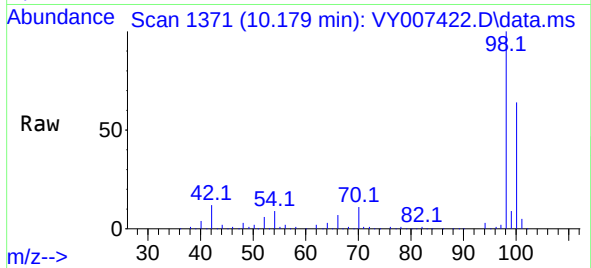




#50
Toluene-d8
Concen: 50.909 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007422.D
Acq: 07 Feb 2022 18:50

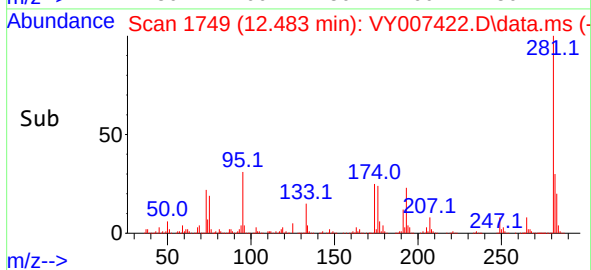
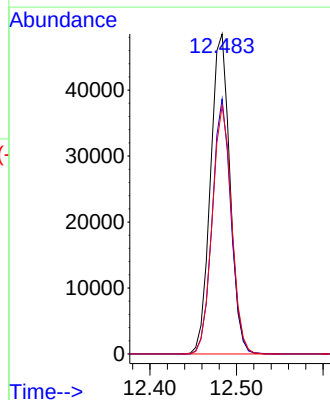
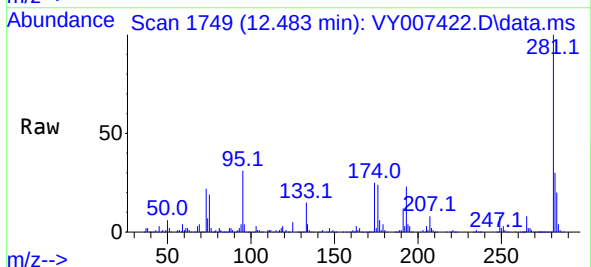
Instrument :
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SB-7

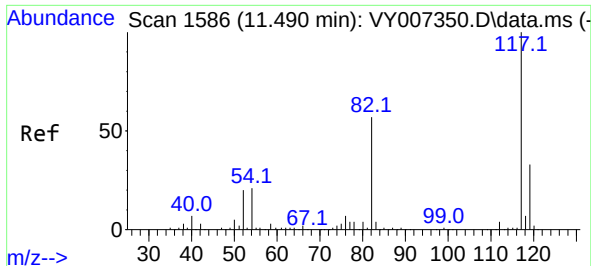
Tgt Ion: 98 Resp: 224934
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007422.D
Acq: 07 Feb 2022 18:50

Tgt Ion: 95 Resp: 75548
Ion Ratio Lower Upper
95 100
174 76.8 0.0 177.0
176 77.3 0.0 175.8

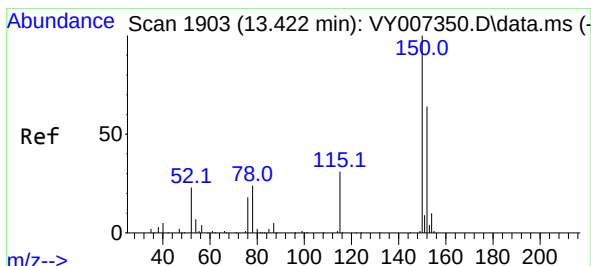
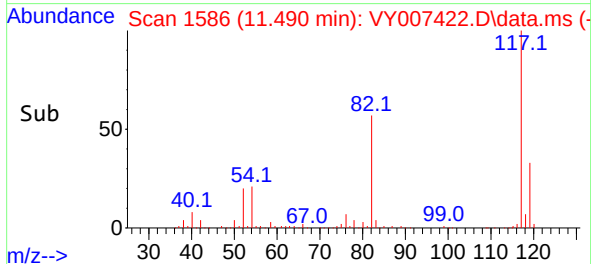
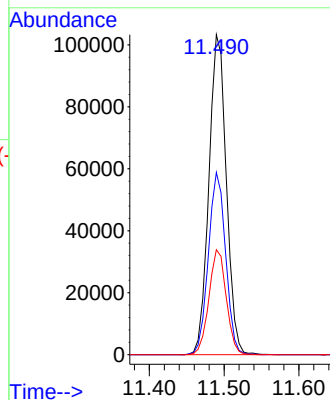
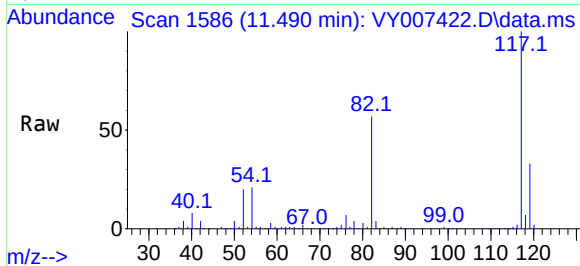




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007422.D
Acq: 07 Feb 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion:117 Resp: 167544
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.8 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: VY007422.D
Acq: 07 Feb 2022 18:50

Tgt Ion:152 Resp: 63080
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 157.9 0.0 347.6

