

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007354.D
 Acq On : 02 Feb 2022 15:00
 Operator : SY/MD
 Sample : VY0202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL01

Quant Time: Feb 03 04:41:59 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	108682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69014	55.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.420%
35) Dibromofluoromethane	7.722	113	66244	50.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	247482	51.096	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.483	95	86998	52.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.700%

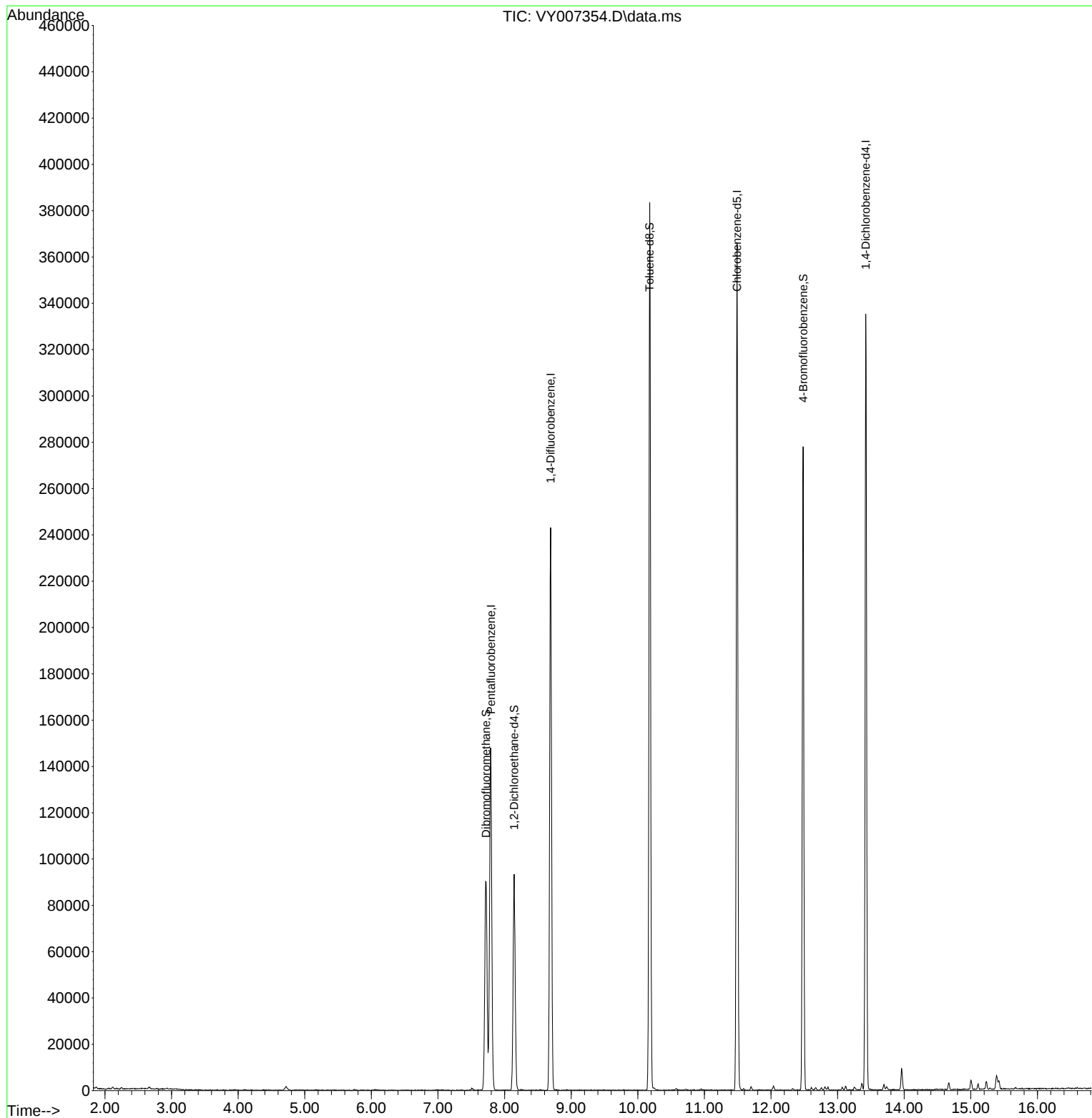
Target Compounds	Qvalue

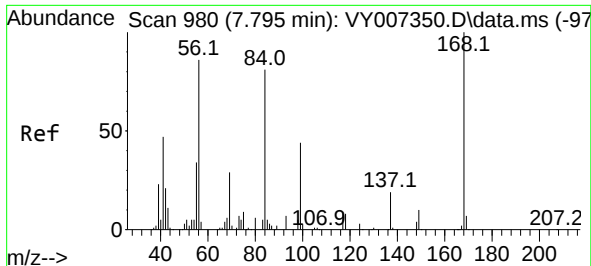
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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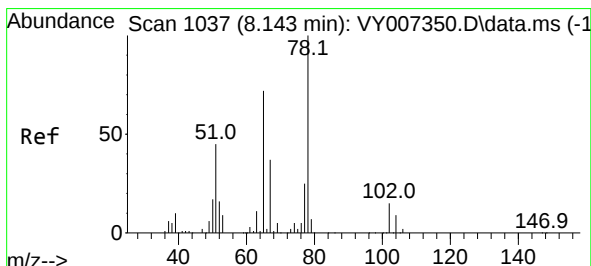
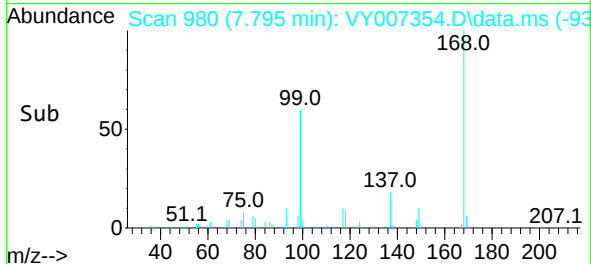
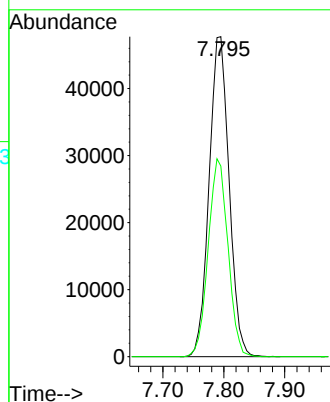
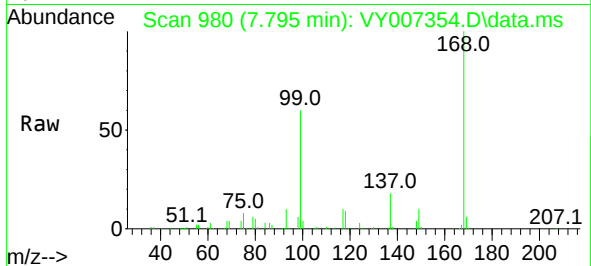




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007354.D
Acq: 02 Feb 2022 15:00

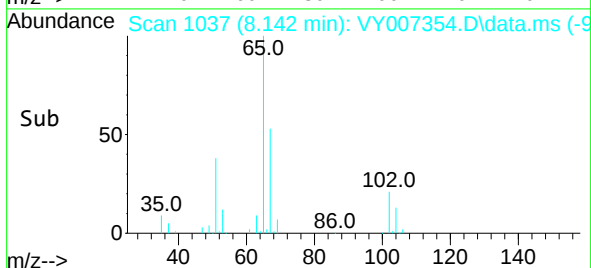
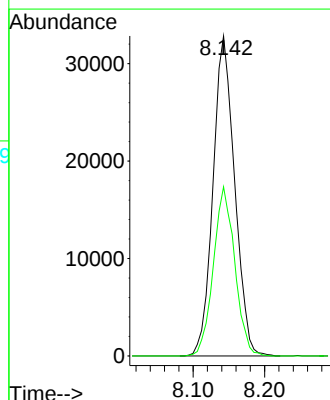
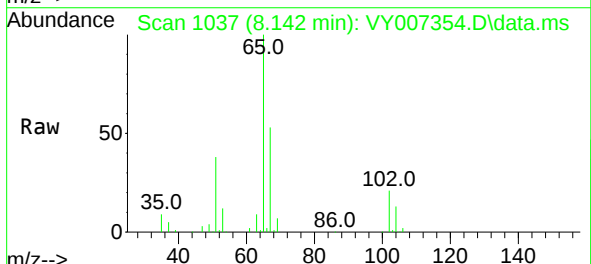
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

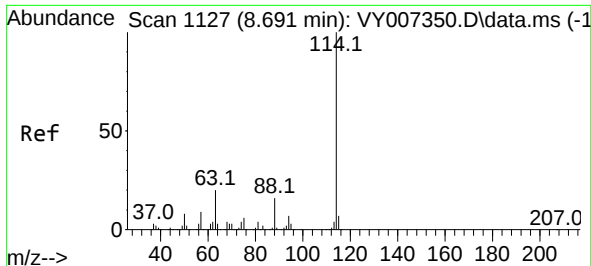
Tgt Ion:168 Resp: 108682
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.206 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007354.D
Acq: 02 Feb 2022 15:00

Tgt Ion: 65 Resp: 69014
Ion Ratio Lower Upper
65 100
67 52.3 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: VY007354.D

Acq: 02 Feb 2022 15:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL01

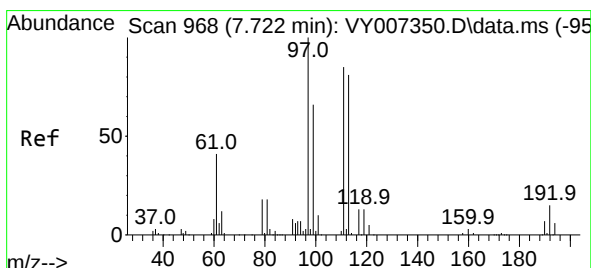
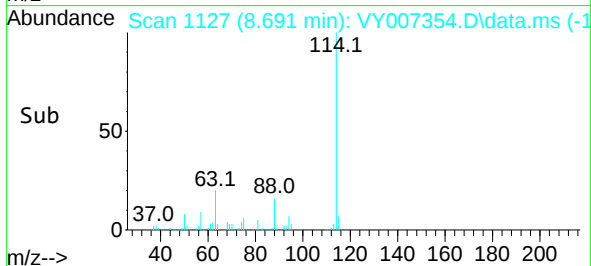
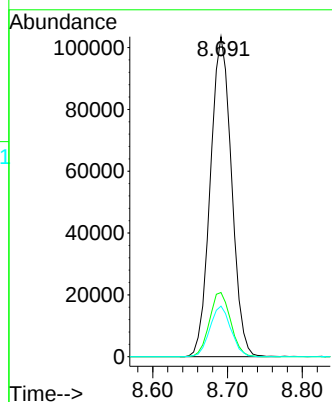
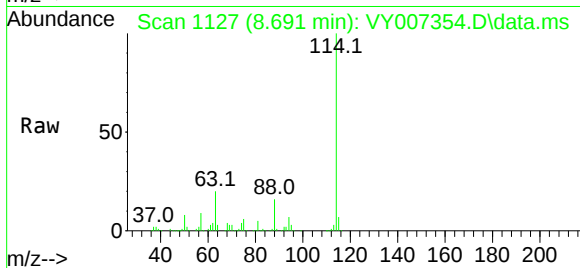
Tgt Ion:114 Resp: 204162

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.529 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007354.D

Acq: 02 Feb 2022 15:00

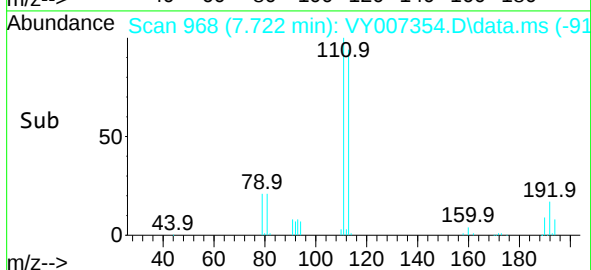
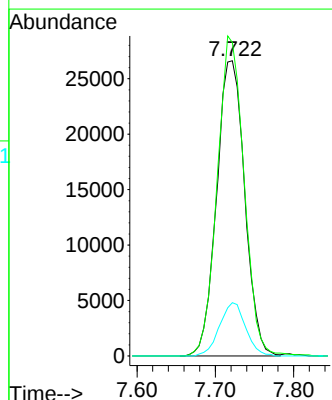
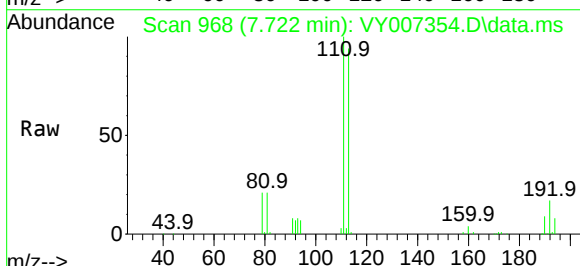
Tgt Ion:113 Resp: 66244

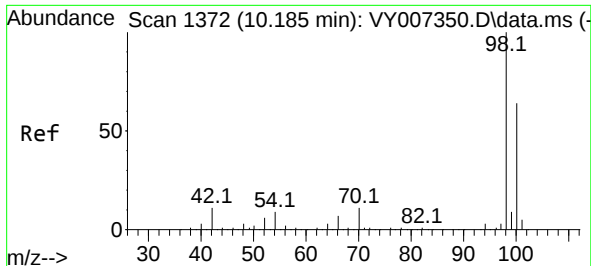
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 16.8 17.6 26.4#

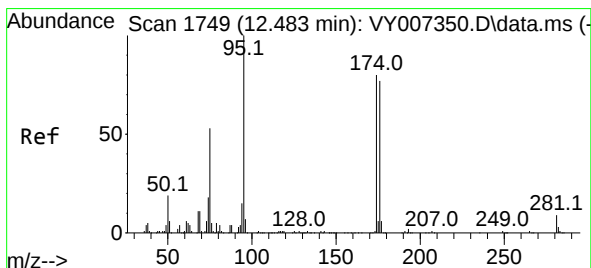
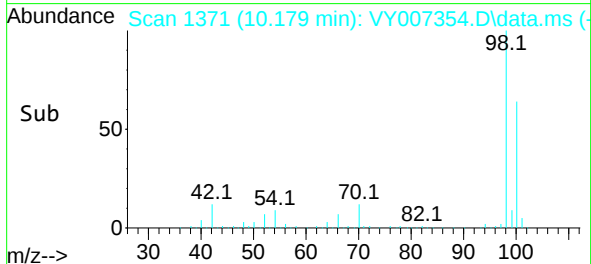
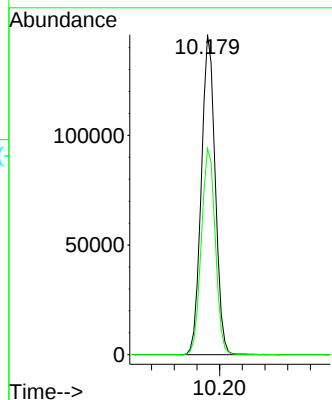
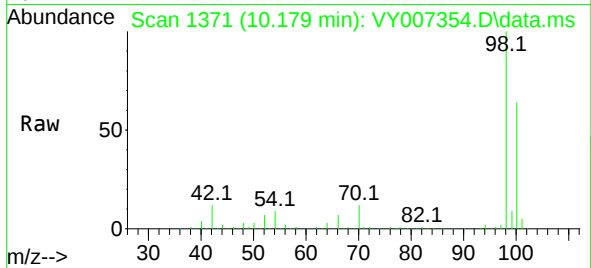




#50
Toluene-d8
Concen: 51.096 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007354.D
Acq: 02 Feb 2022 15:00

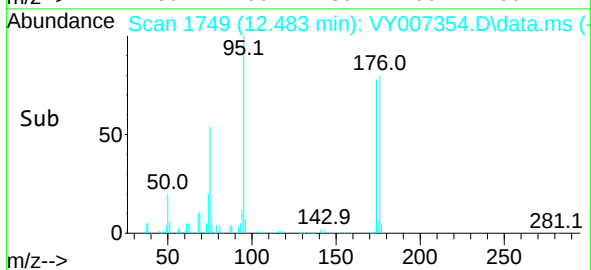
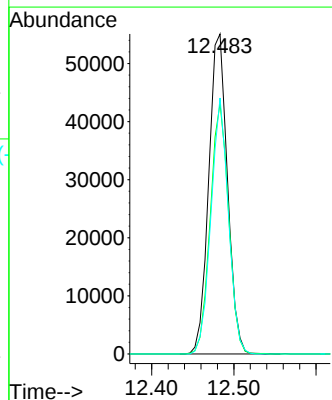
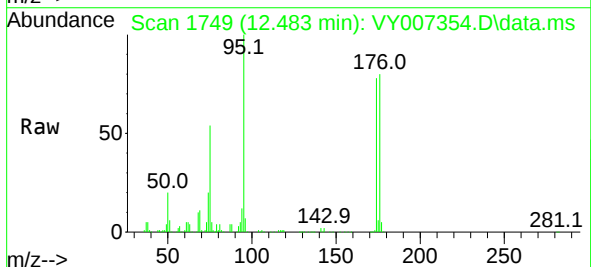
Instrument :
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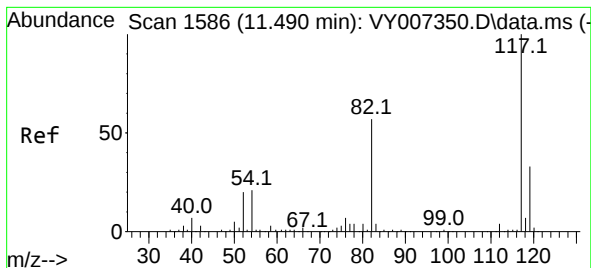
Tgt Ion: 98 Resp: 247482
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007354.D
Acq: 02 Feb 2022 15:00

Tgt Ion: 95 Resp: 86998
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 74.6 0.0 175.8

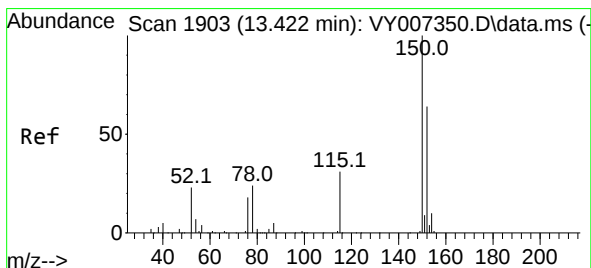
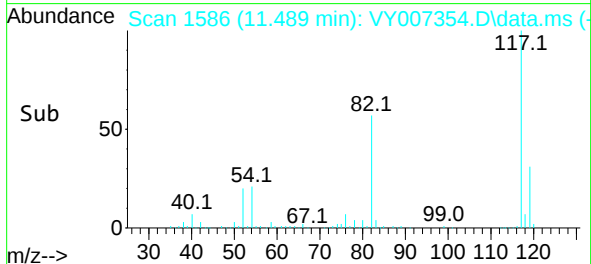
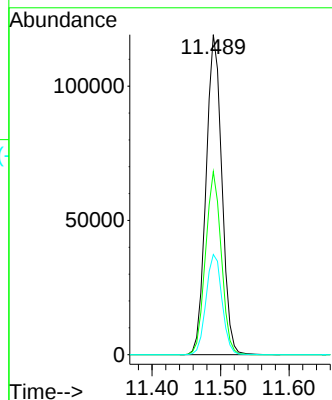
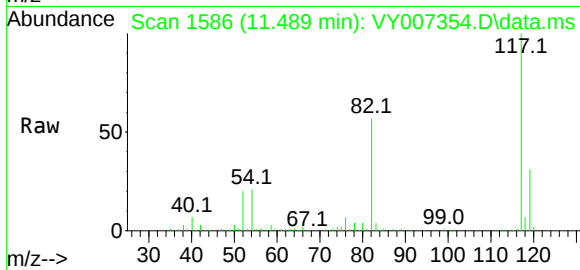




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007354.D
Acq: 02 Feb 2022 15:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

Tgt Ion:117 Resp: 191544
Ion Ratio Lower Upper
117 100
82 57.2 43.0 64.4
119 31.3 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: VY007354.D
Acq: 02 Feb 2022 15:00

Tgt Ion:152 Resp: 81826
Ion Ratio Lower Upper
152 100
115 63.2 28.2 84.7
150 158.0 0.0 347.6

