

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007367.D
 Acq On : 03 Feb 2022 10:35
 Operator : SY/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 04 08:38:43 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	105956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62119	50.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.940%
35) Dibromofluoromethane	7.722	113	64729	49.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.179	98	246937	51.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.220%
62) 4-Bromofluorobenzene	12.483	95	83533	51.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.720%

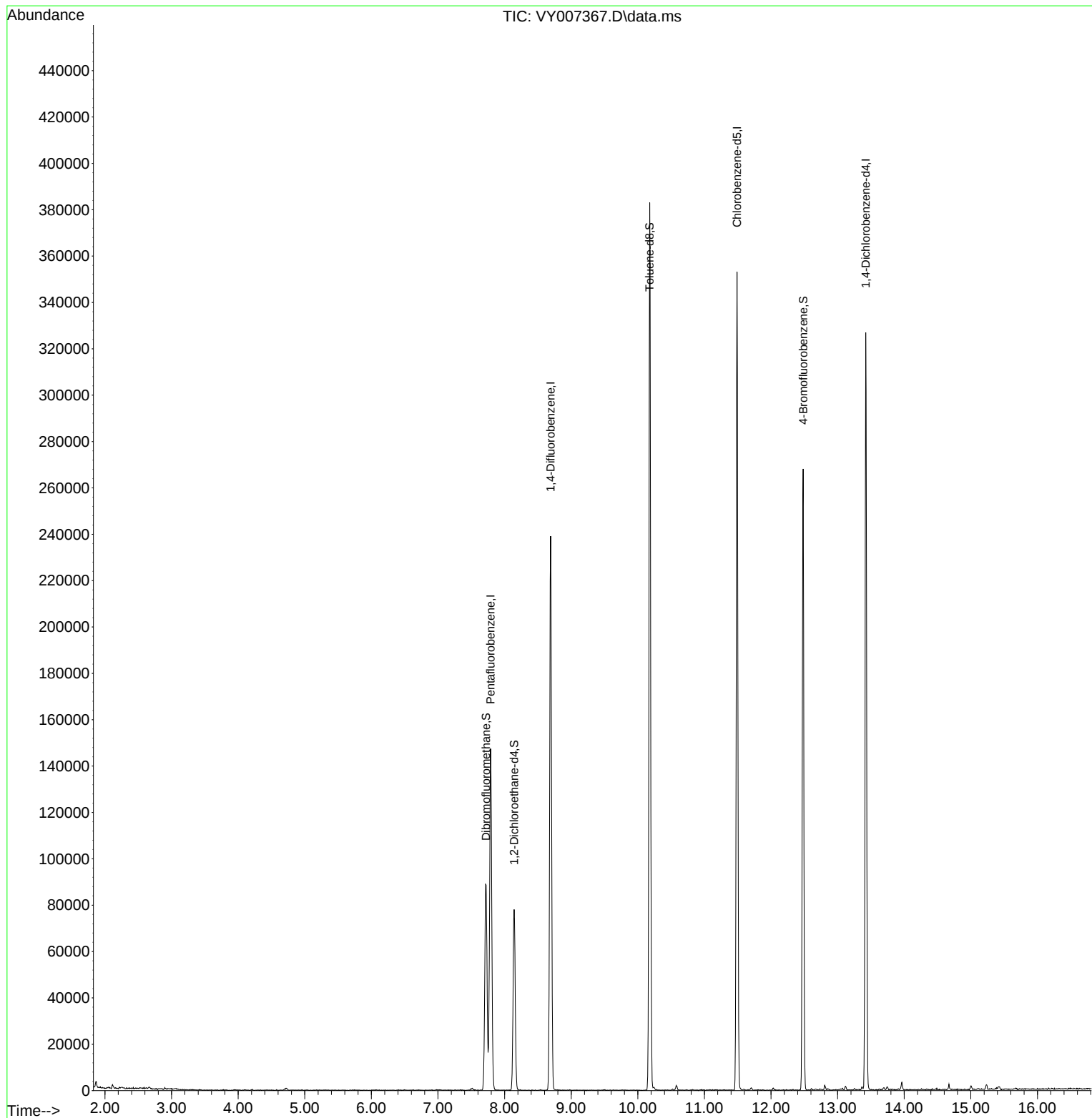
Target Compounds	Qvalue

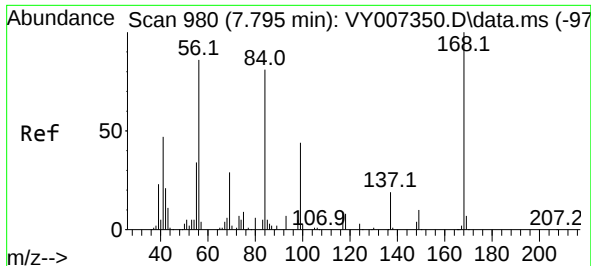
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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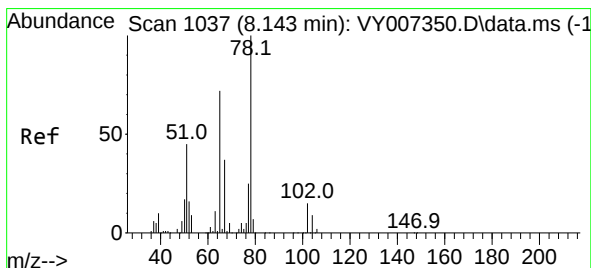
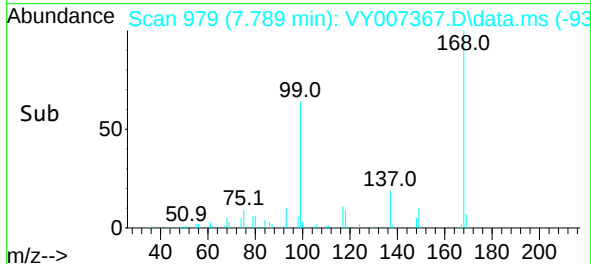
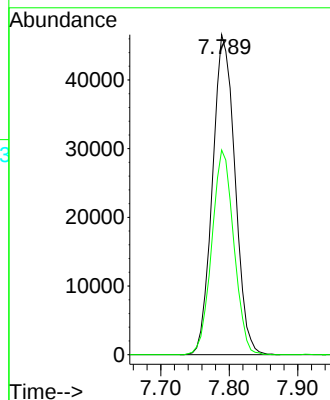
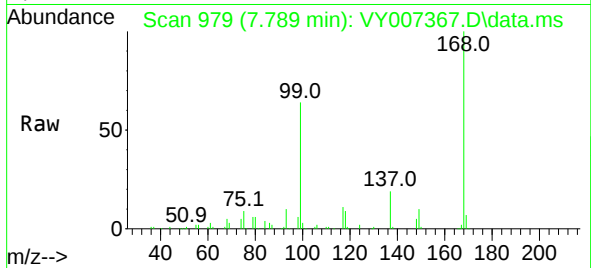




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007367.D
Acq: 03 Feb 2022 10:35

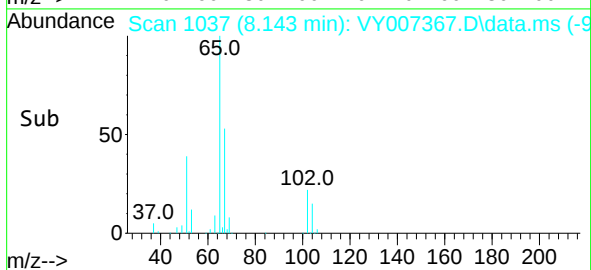
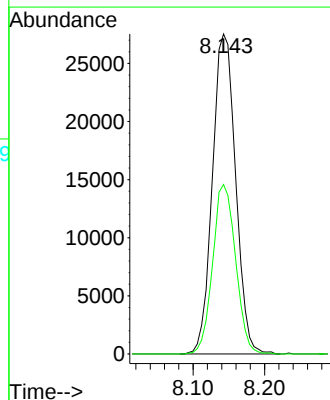
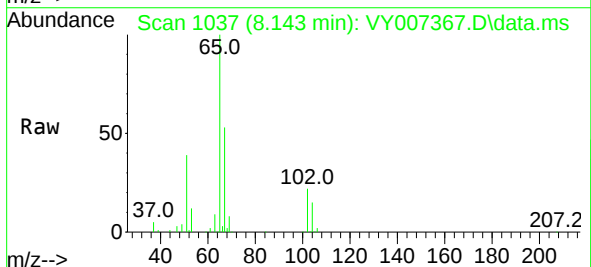
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

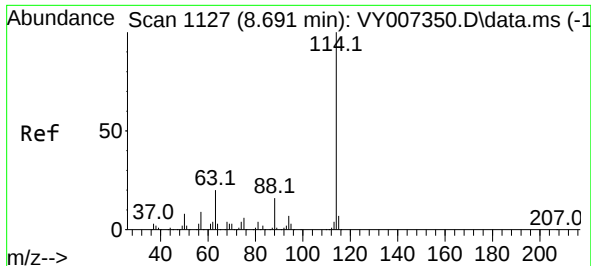
Tgt Ion:168 Resp: 105956
Ion Ratio Lower Upper
168 100
99 63.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.969 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007367.D
Acq: 03 Feb 2022 10:35

Tgt Ion: 65 Resp: 62119
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: VY007367.D

Acq: 03 Feb 2022 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBL01

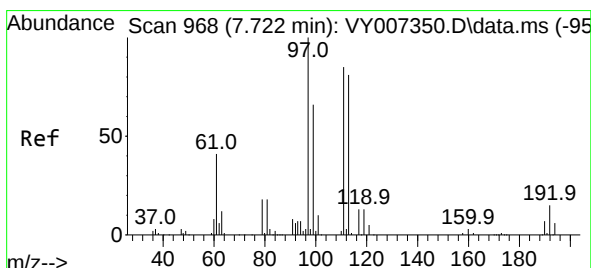
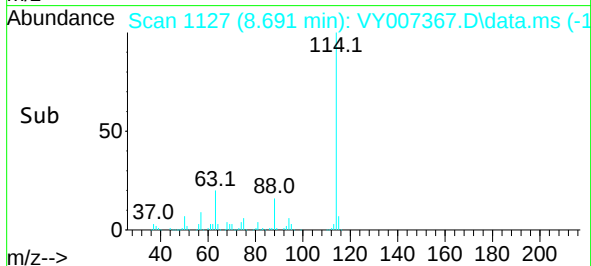
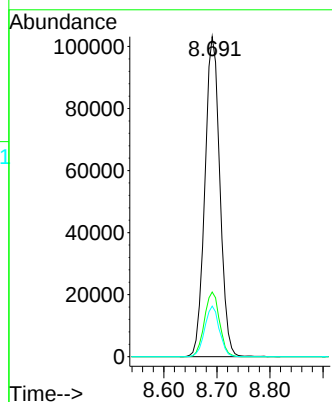
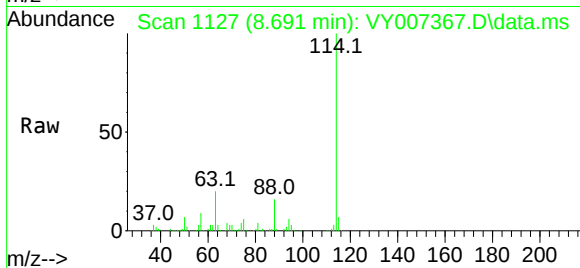
Tgt Ion:114 Resp: 201698

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.977 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007367.D

Acq: 03 Feb 2022 10:35

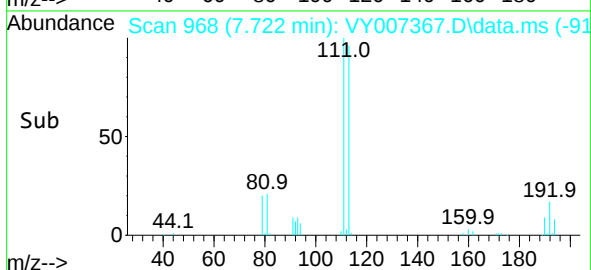
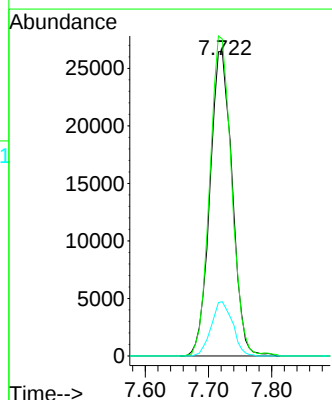
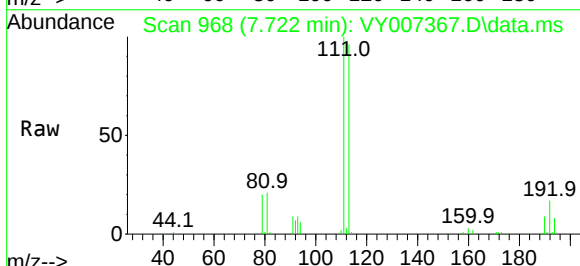
Tgt Ion:113 Resp: 64729

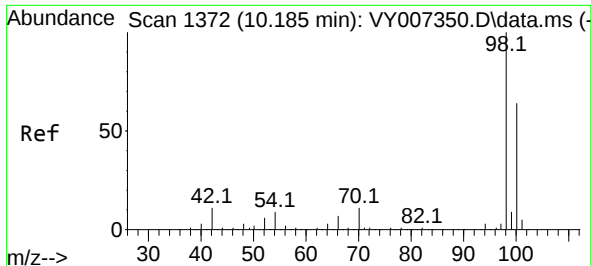
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 17.1 17.6 26.4#

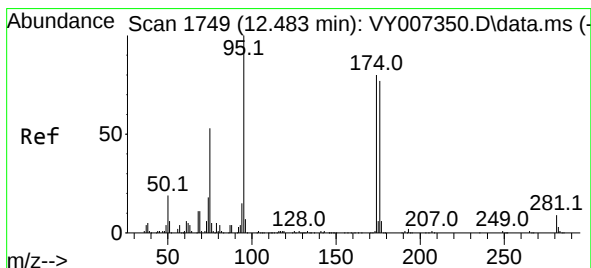
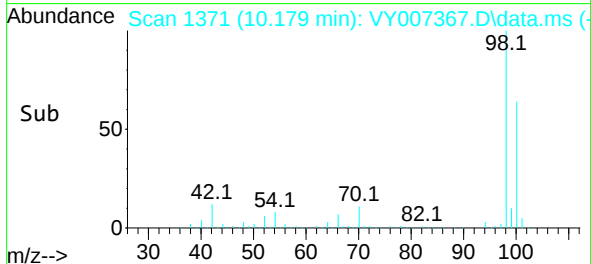
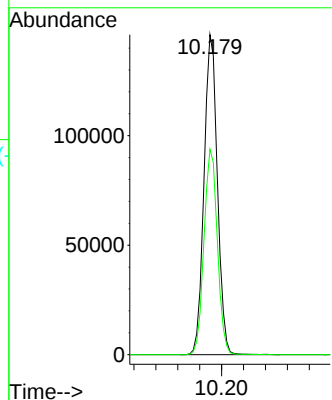
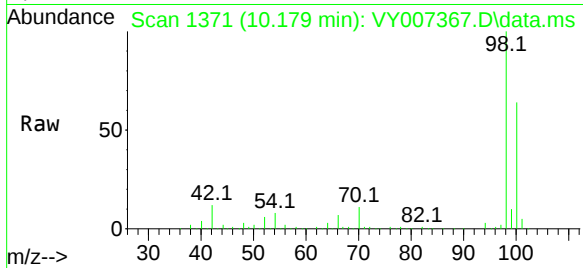




#50
Toluene-d8
Concen: 51.606 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY007367.D
Acq: 03 Feb 2022 10:35

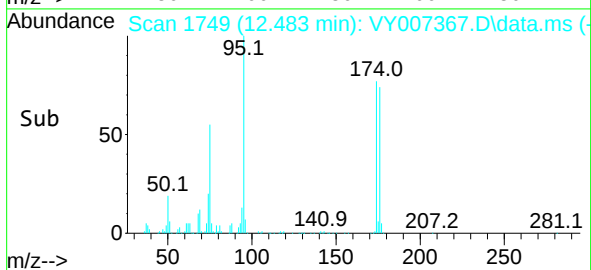
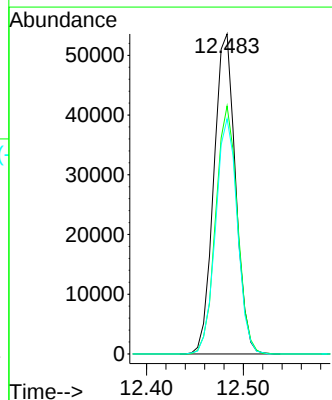
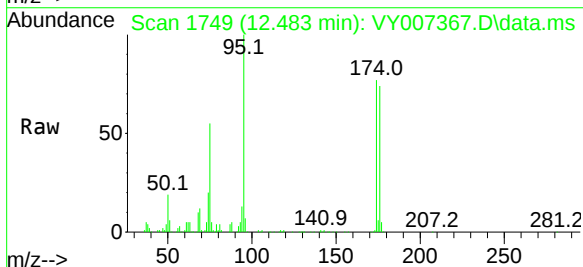
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

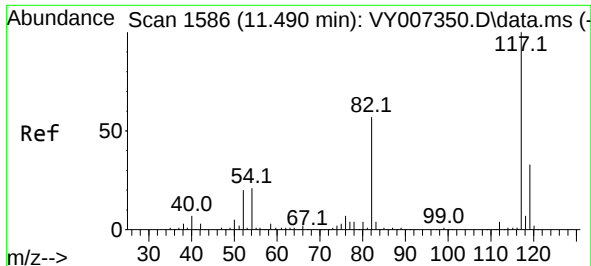
Tgt Ion: 98 Resp: 246937
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007367.D
Acq: 03 Feb 2022 10:35

Tgt Ion: 95 Resp: 83533
Ion Ratio Lower Upper
95 100
174 77.2 0.0 177.0
176 73.5 0.0 175.8

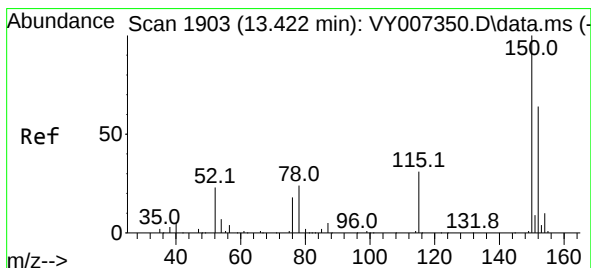
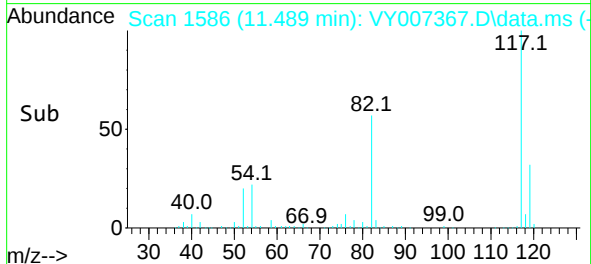
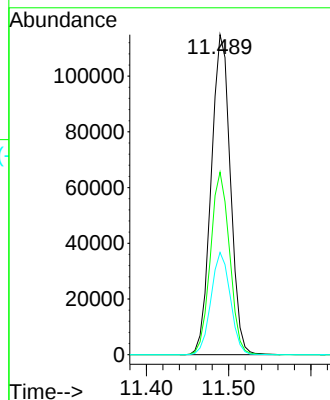
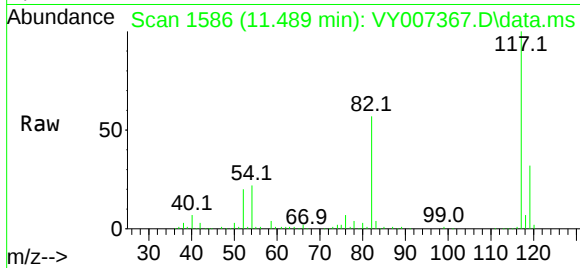




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007367.D
Acq: 03 Feb 2022 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tgt Ion:117 Resp: 186702
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 31.9 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: VY007367.D
Acq: 03 Feb 2022 10:35

Tgt Ion:152 Resp: 78460
Ion Ratio Lower Upper
152 100
115 63.7 28.2 84.7
150 158.3 0.0 347.6

