

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009501.D
 Acq On : 11 Jul 2022 11:47
 Operator : KP/MD
 Sample : VY0711SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0711SBL01

Quant Time: Jul 12 05:01:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	159186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53981	47.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.720%
35) Dibromofluoromethane	7.710	113	58413	43.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.940%
50) Toluene-d8	10.179	98	161411	43.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.420%
62) 4-Bromofluorobenzene	12.477	95	79018	42.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	84.280%

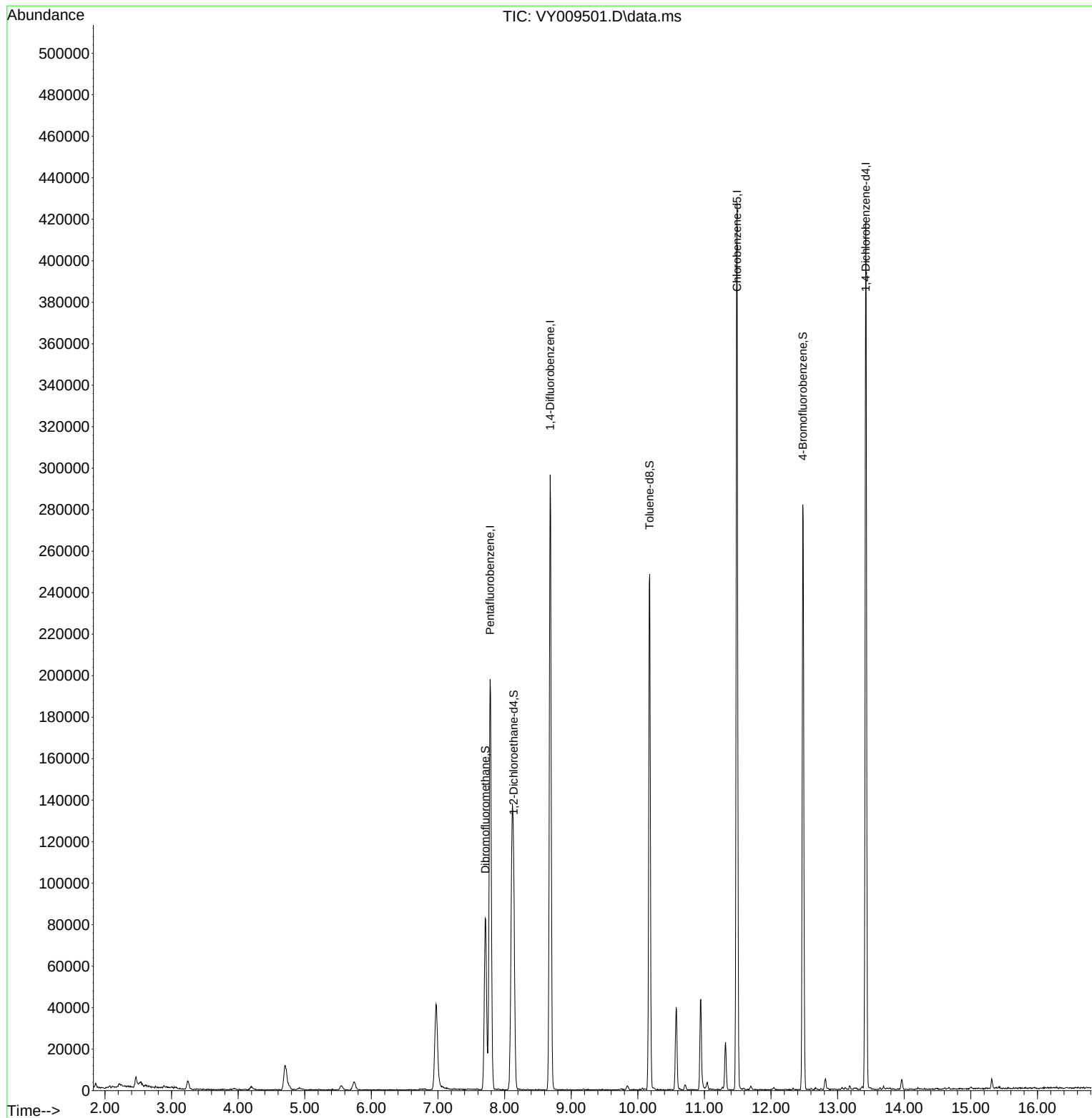
Target Compounds	Qvalue

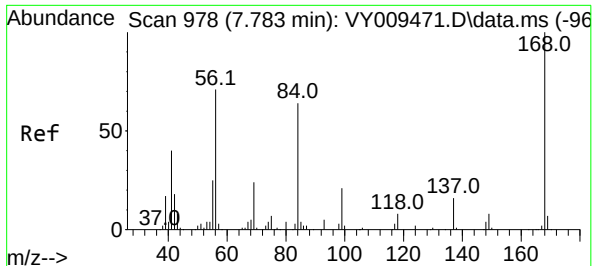
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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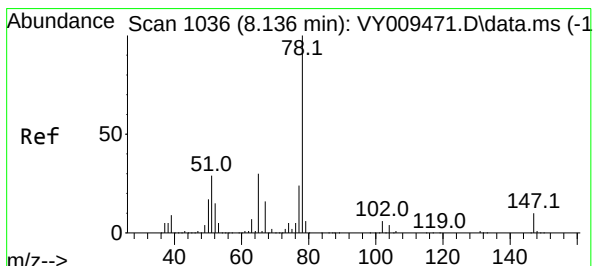
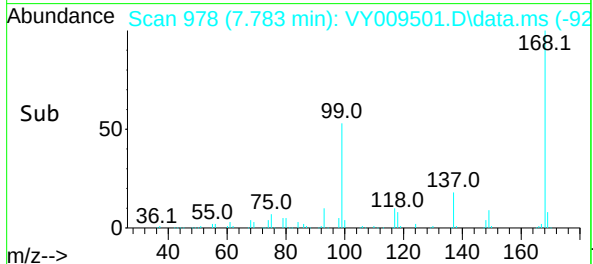
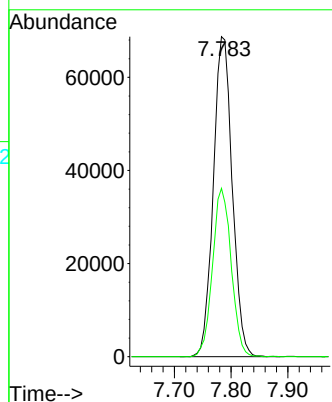
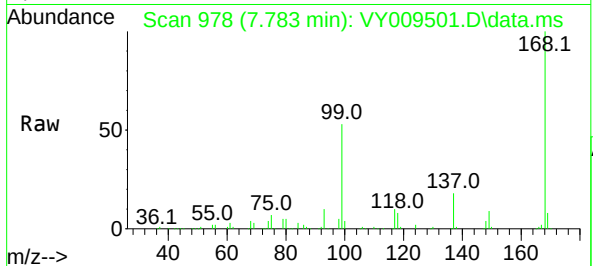




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

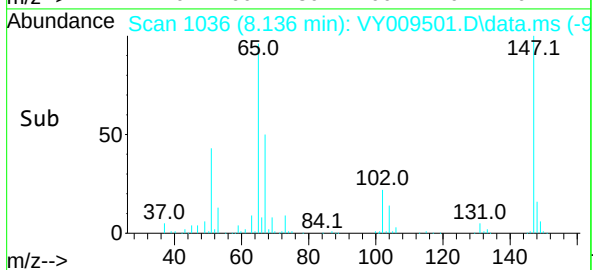
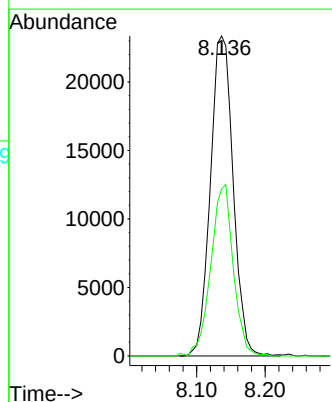
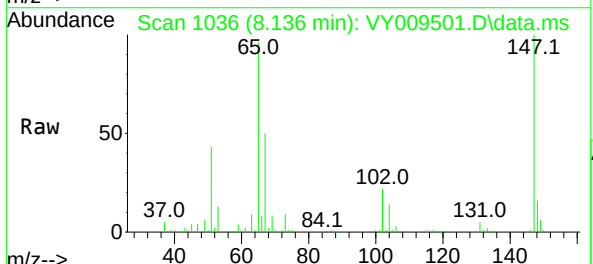
Instrument :
MSVOA_Y
ClientSampleId :
VY0711SBL01

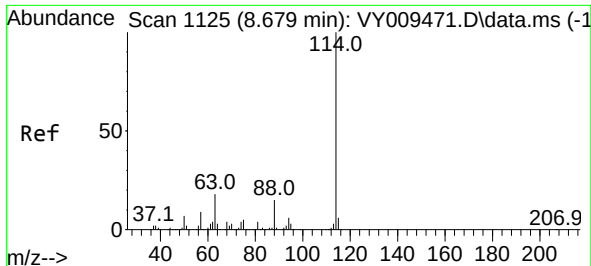
Tgt Ion:168 Resp: 159186
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 65 Resp: 53981
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0711SBL01

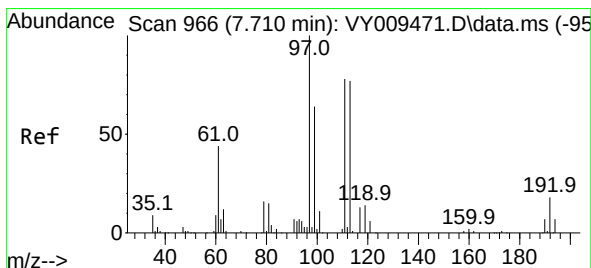
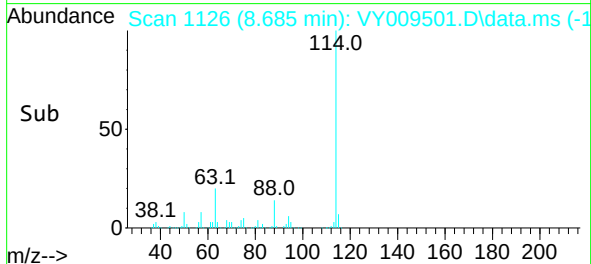
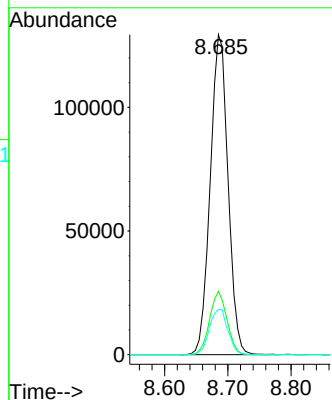
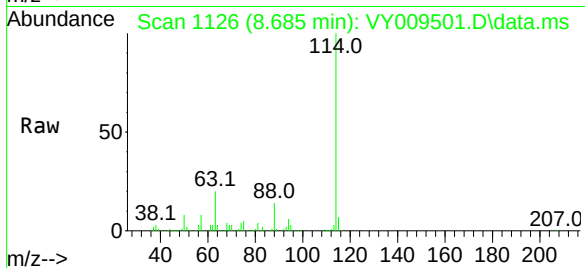
Tgt Ion:114 Resp: 252489

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.968 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009501.D

Acq: 11 Jul 2022 11:47

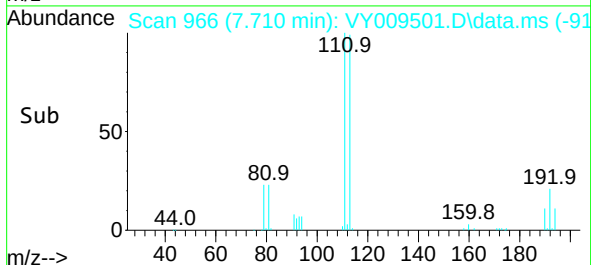
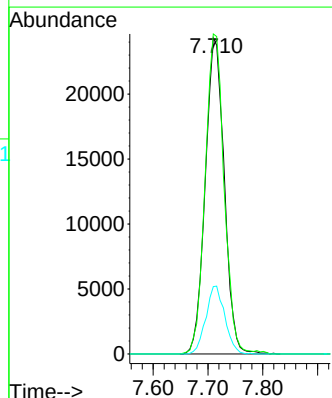
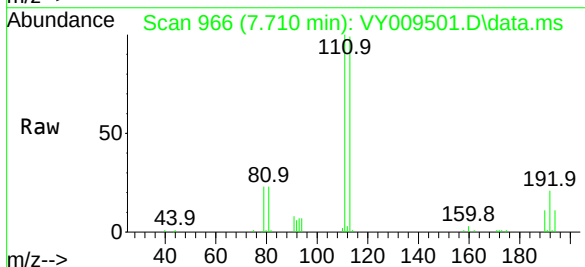
Tgt Ion:113 Resp: 58413

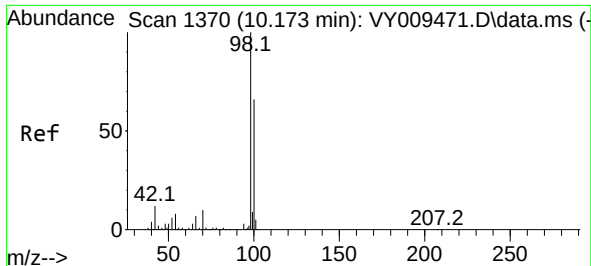
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 21.4 17.6 26.4

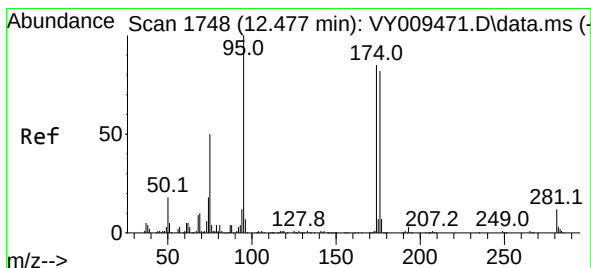
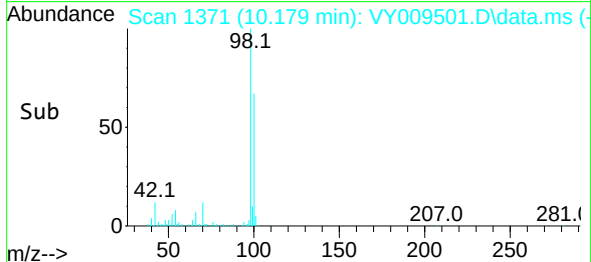
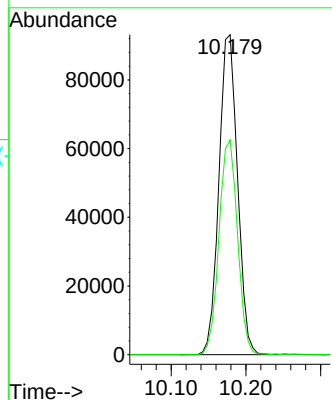
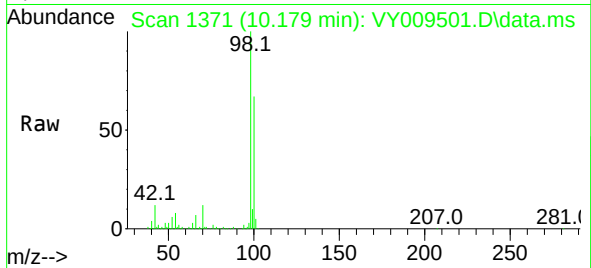




#50
Toluene-d8
Concen: 43.211 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

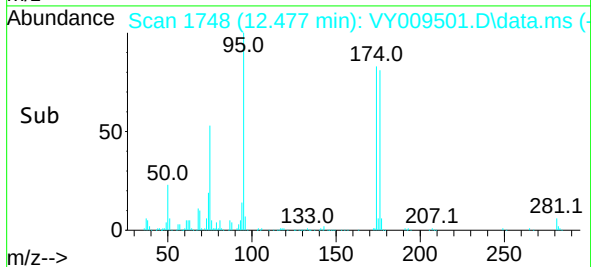
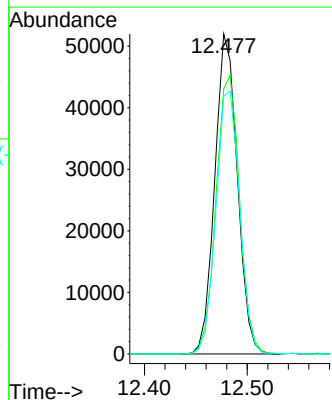
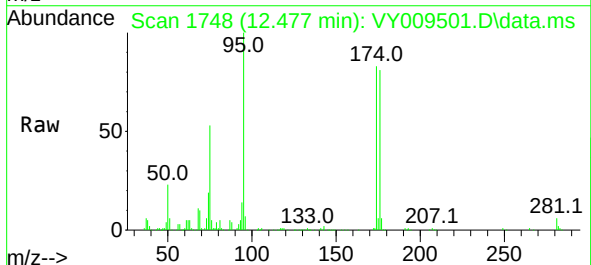
Instrument :
MSVOA_Y
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VY0711SBL01

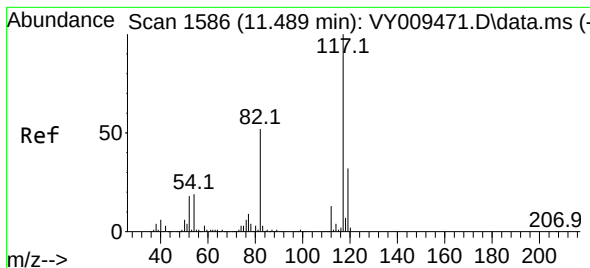
Tgt Ion: 98 Resp: 161411
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009501.D
Acq: 11 Jul 2022 11:47

Tgt Ion: 95 Resp: 79018
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 86.5 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: VY009501.D

Acq: 11 Jul 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0711SBL01

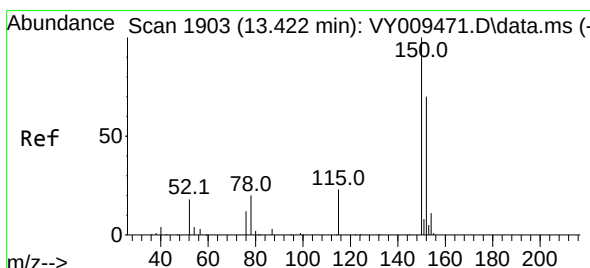
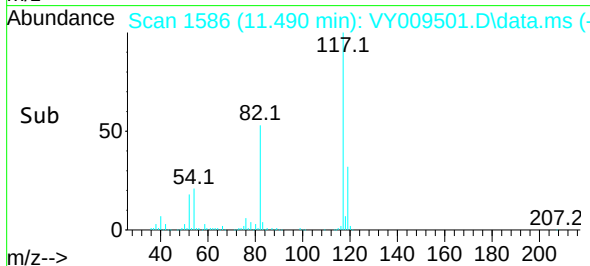
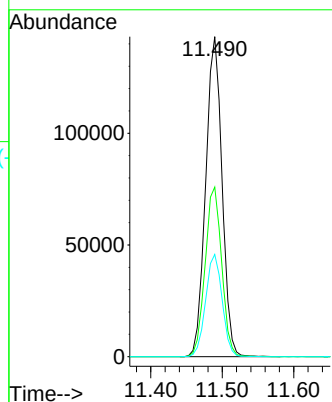
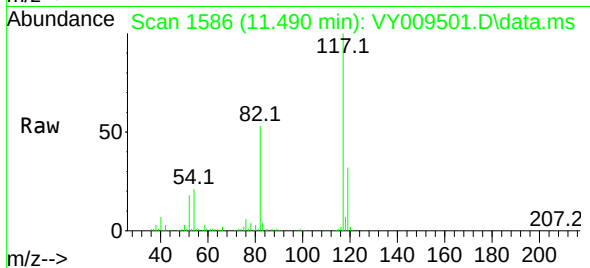
Tgt Ion:117 Resp: 227731

Ion Ratio Lower Upper

117 100

82 53.0 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: VY009501.D

Acq: 11 Jul 2022 11:47

Tgt Ion:152 Resp: 108153

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 154.6 0.0 347.6

