

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011042.D
 Acq On : 21 Oct 2022 12:06
 Operator : KP/MD
 Sample : N5217-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A1-3.5-4.0

Quant Time: Oct 22 01:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	4389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5369	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2835	70.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.240%
35) Dibromofluoromethane	7.710	113	1475	36.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.360%
50) Toluene-d8	10.179	98	8214	55.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.780%
62) 4-Bromofluorobenzene	12.483	95	2059	38.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.980%

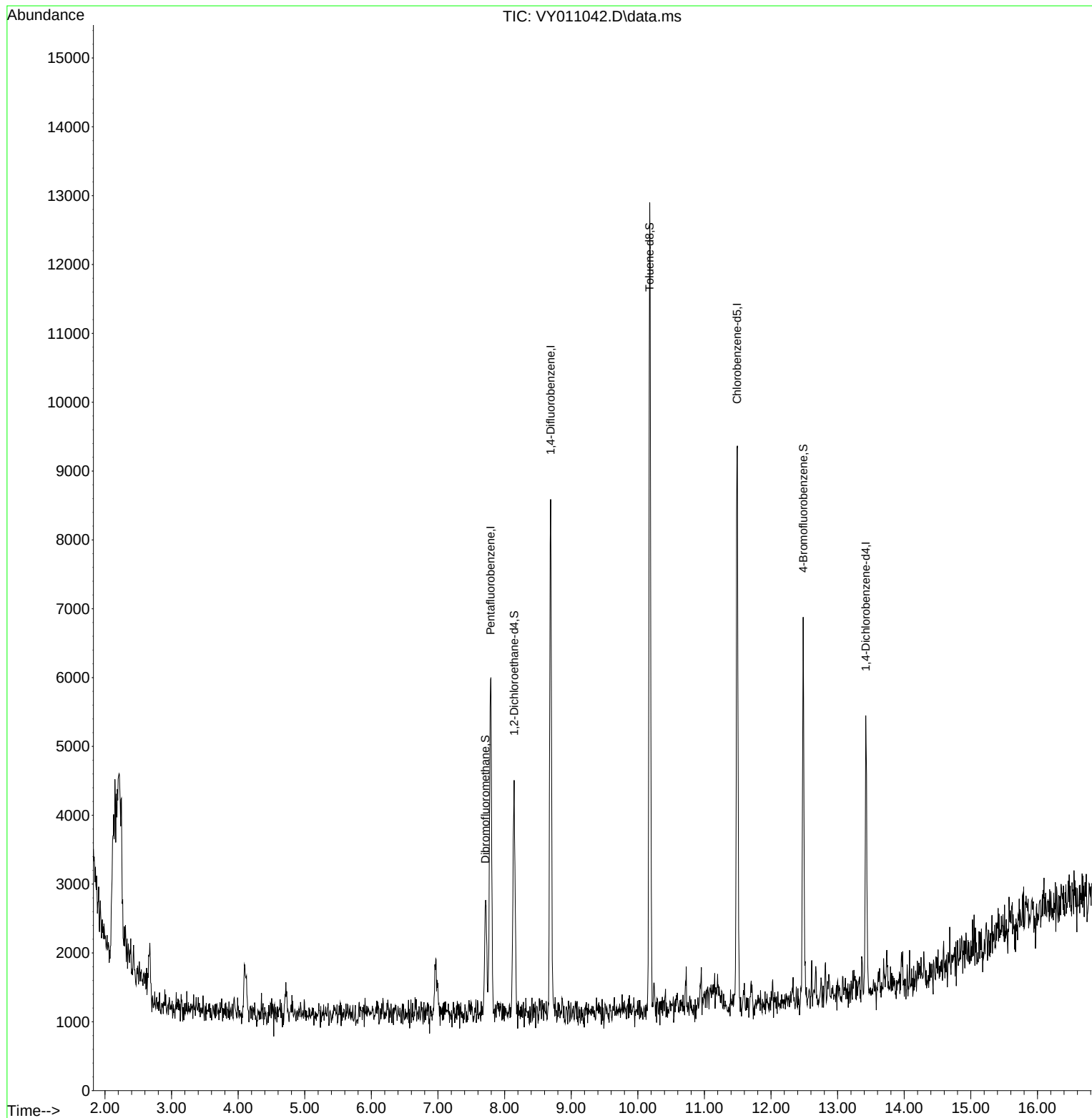
Target Compounds	Qvalue

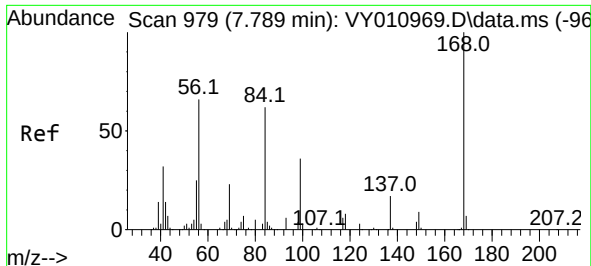
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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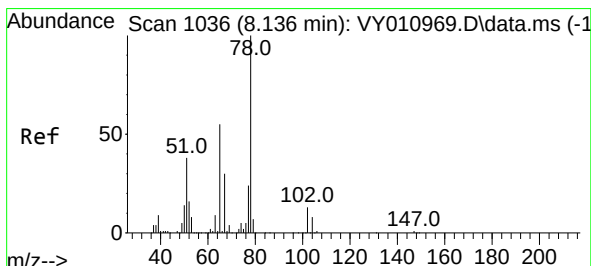
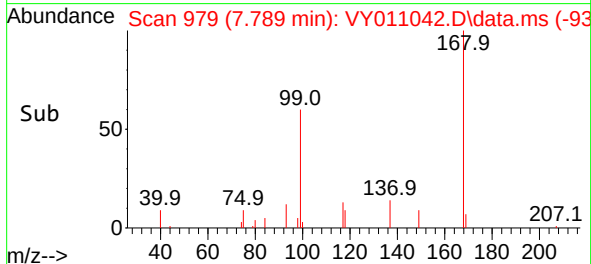
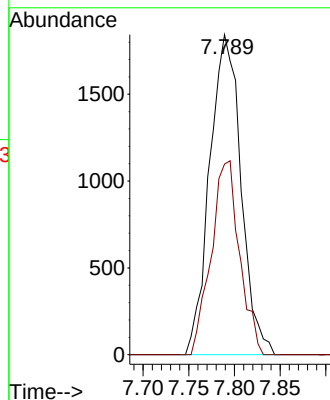
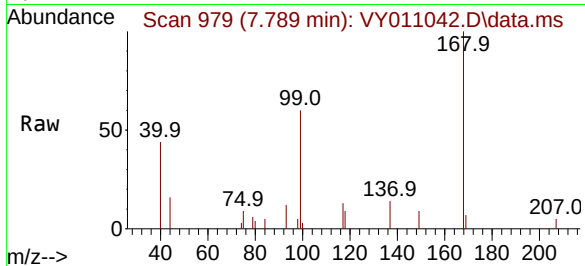




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

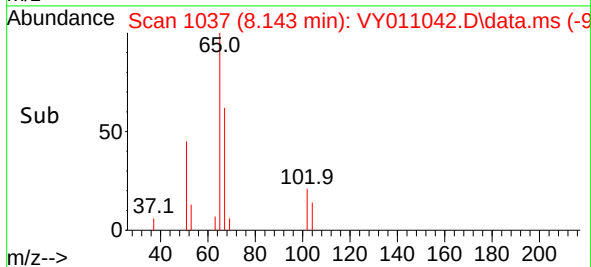
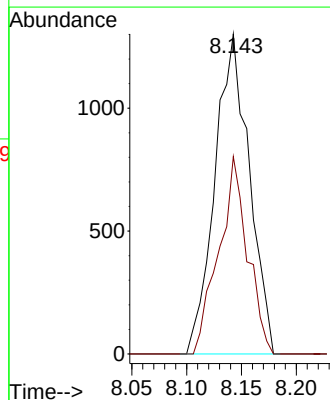
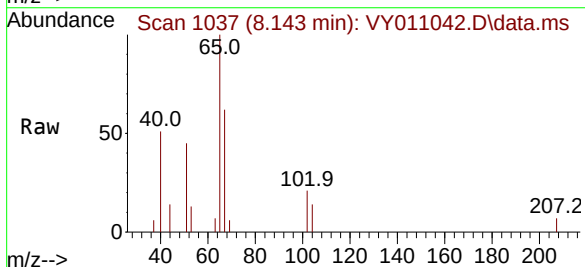
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0

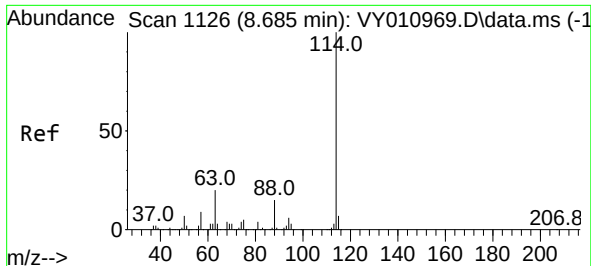
Tgt Ion:168 Resp: 4389
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.123 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

Tgt Ion: 65 Resp: 2835
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

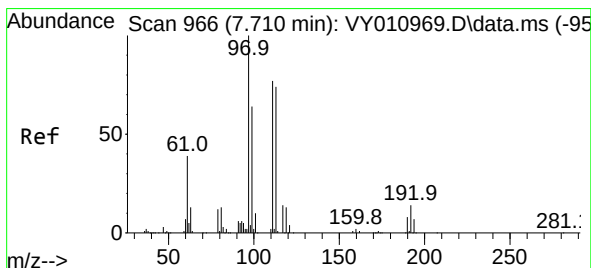
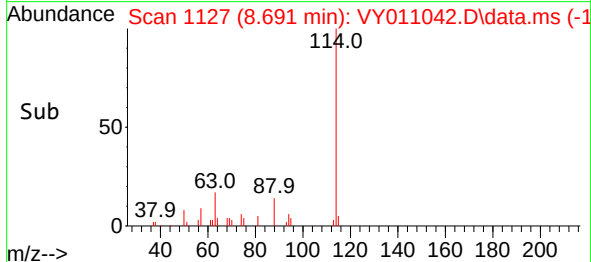
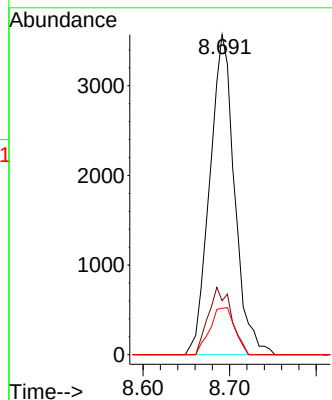
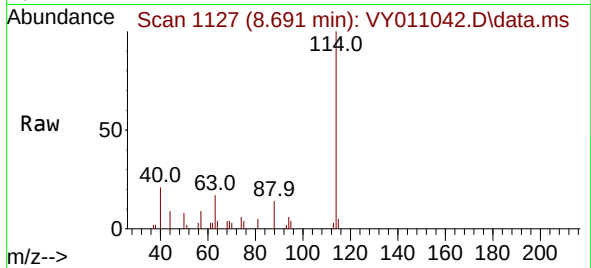




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

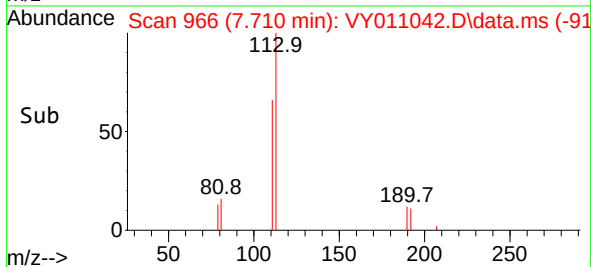
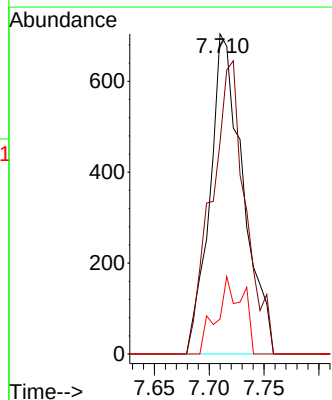
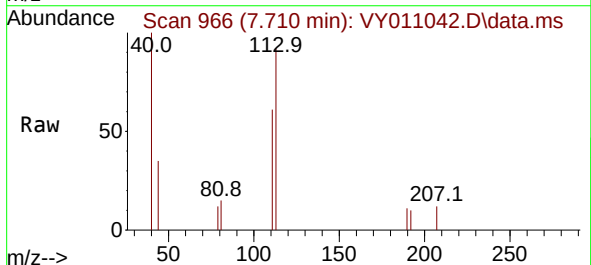
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0

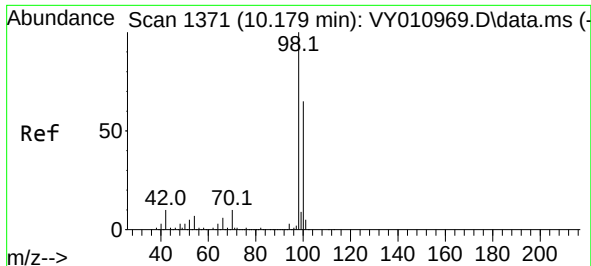
Tgt Ion:114	Resp:	7102
Ion	Ratio	Lower Upper
114	100	
63	16.9	0.0 43.2
88	14.5	0.0 31.8



#35
Dibromofluoromethane
Concen: 36.684 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

Tgt Ion:113	Resp:	1475
Ion	Ratio	Lower Upper
113	100	
111	93.9	82.6 124.0
192	19.1	17.6 26.4

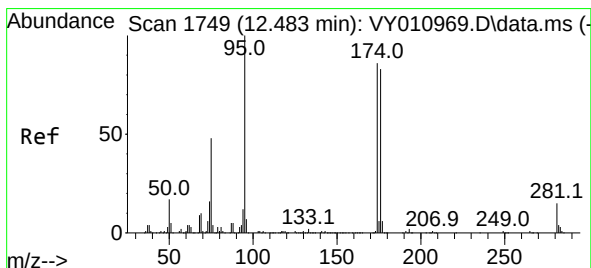
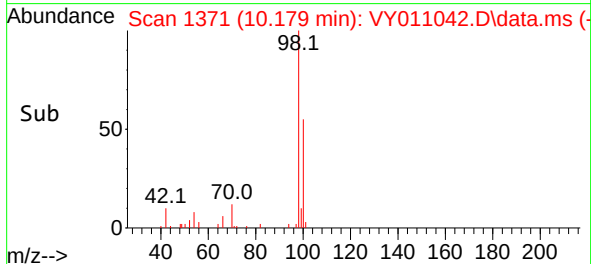
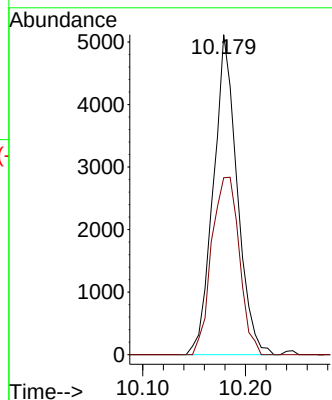
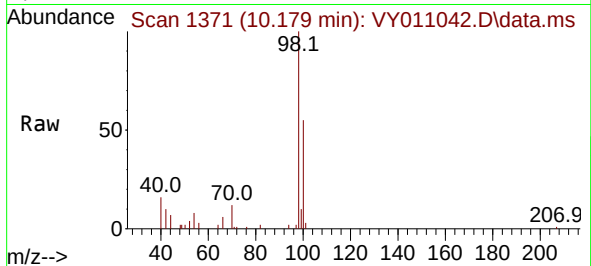




#50
Toluene-d8
Concen: 55.392 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

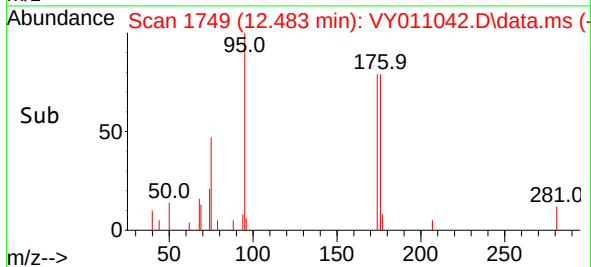
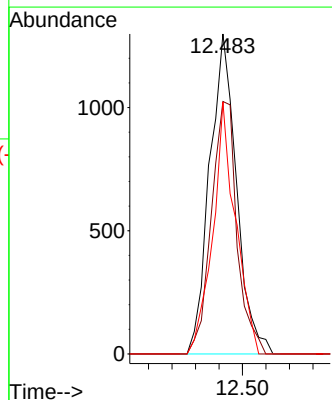
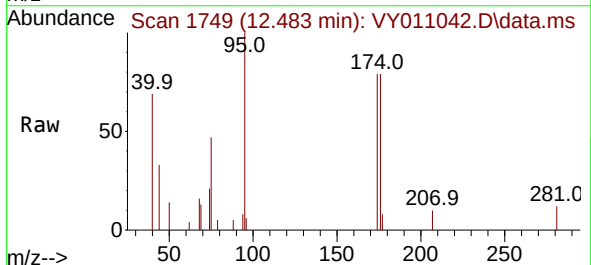
Instrument :
MSVOA_Y
ClientSampleId :
SB-A1-3.5-4.0

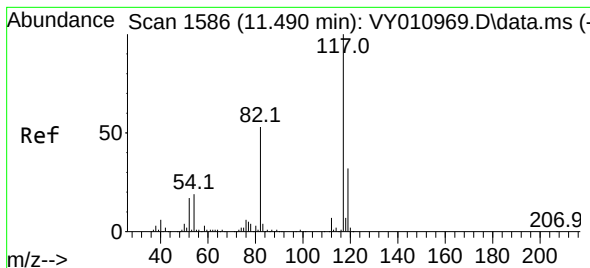
Tgt Ion: 98 Resp: 8214
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.491 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011042.D
Acq: 21 Oct 2022 12:06

Tgt Ion: 95 Resp: 2059
Ion Ratio Lower Upper
95 100
174 75.3 0.0 177.0
176 67.0 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: VY011042.D

Acq: 21 Oct 2022 12:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-A1-3.5-4.0

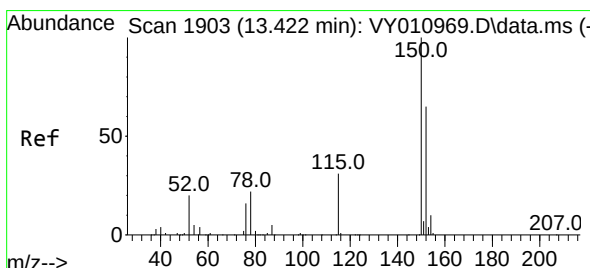
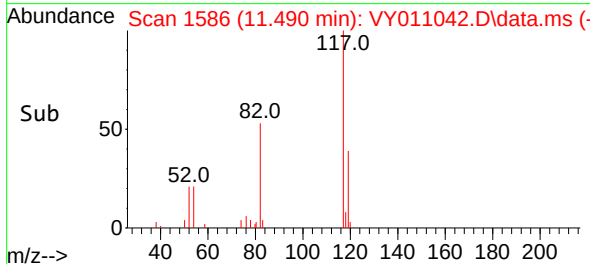
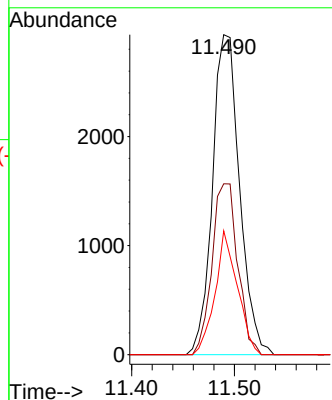
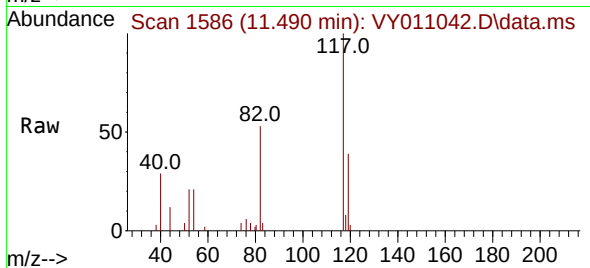
Tgt Ion:117 Resp: 5369

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 38.7 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: VY011042.D

Acq: 21 Oct 2022 12:06

Tgt Ion:152 Resp: 1273

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 142.8 0.0 347.6

