

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012606.D
 Acq On : 15 Feb 2023 11:46
 Operator : KP/MD
 Sample : 01552-15
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-4.0-6.0

Quant Time: Feb 16 00:52:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73796	47.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.716	113	61355	41.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.179	98	238960	39.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.100%
62) 4-Bromofluorobenzene	12.483	95	80489	37.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.420%

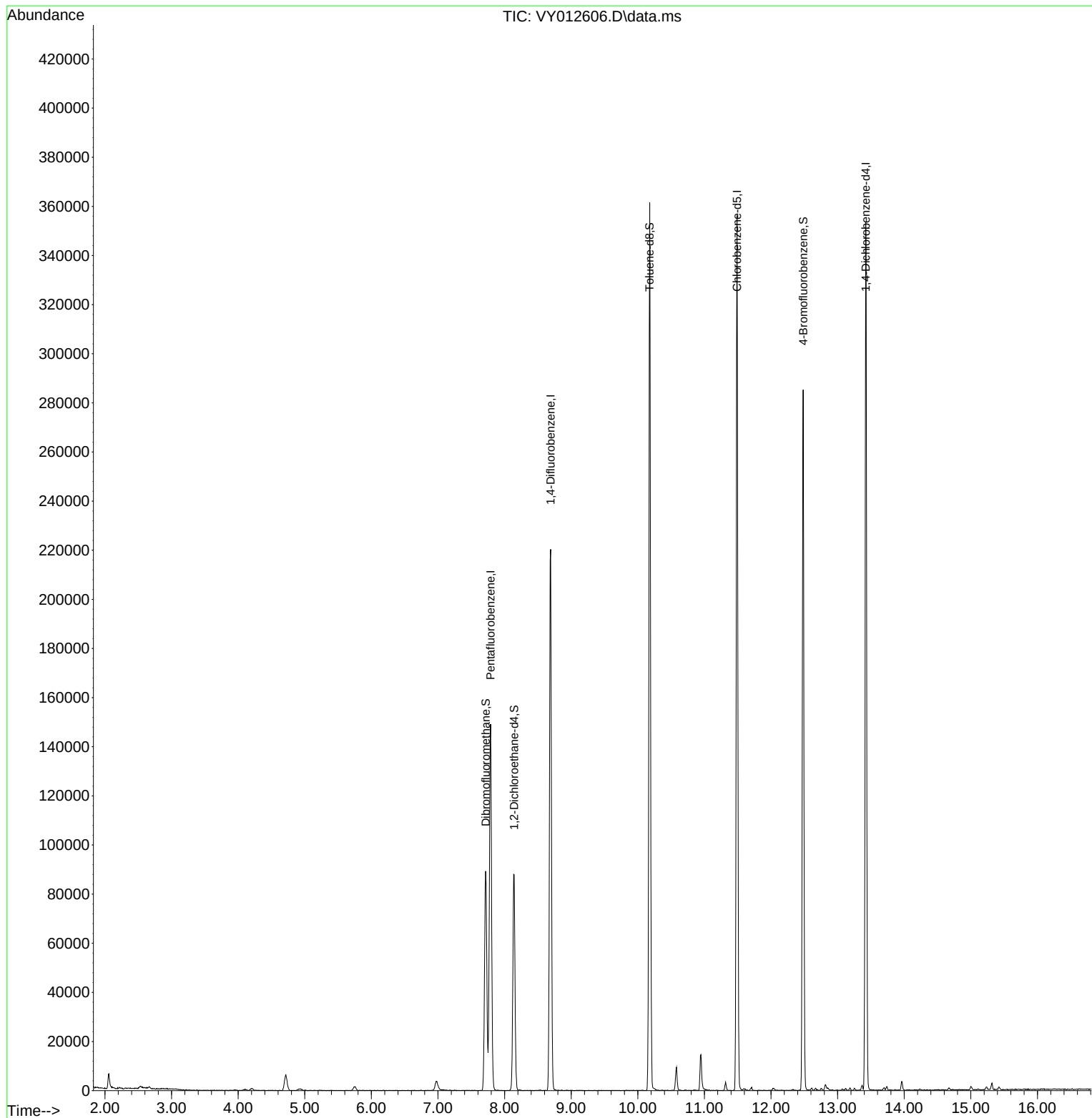
Target Compounds	Qvalue

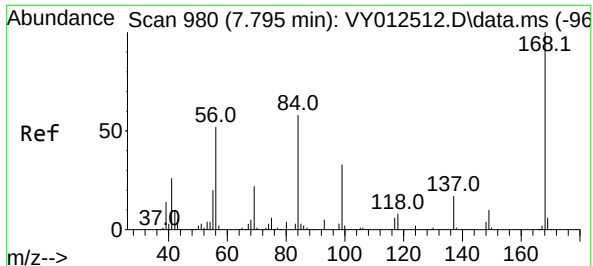
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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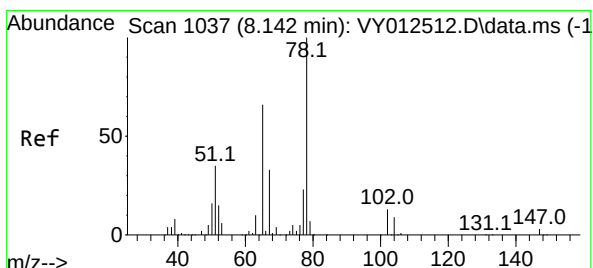
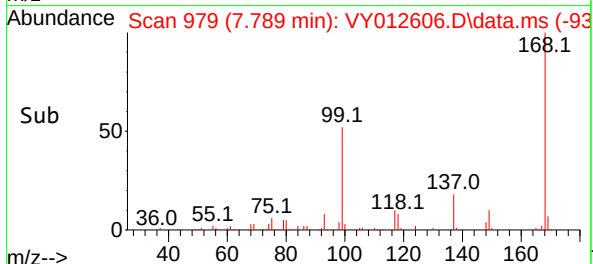
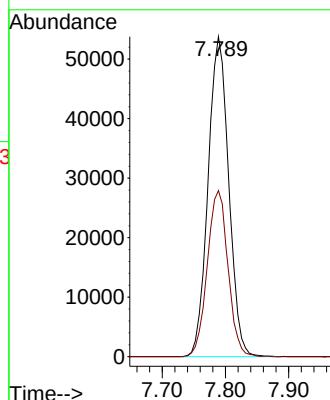
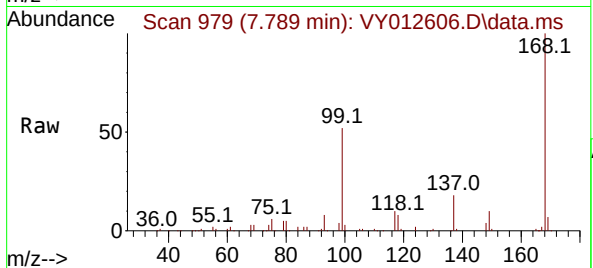




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

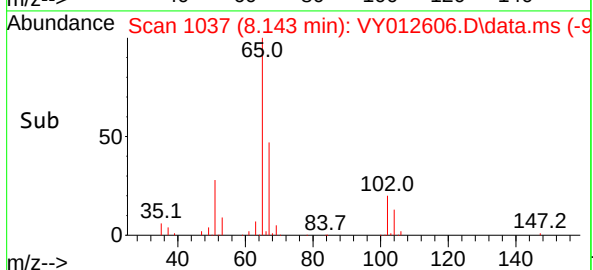
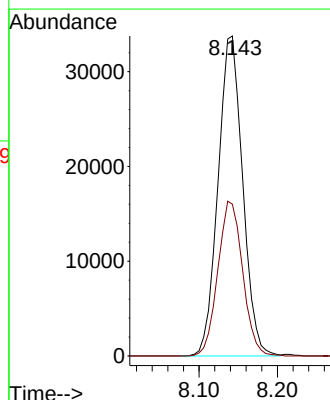
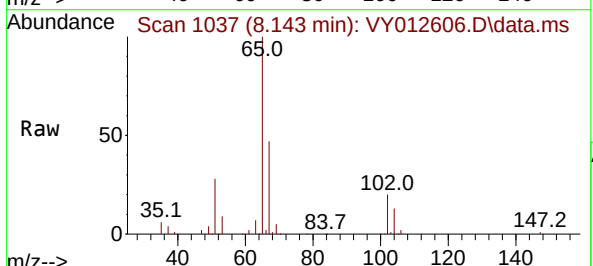
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-4.0-6.0

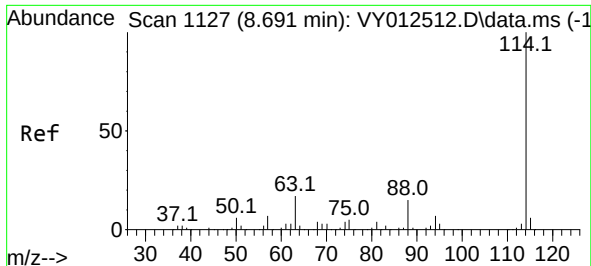
Tgt Ion:168 Resp: 121913
Ion Ratio Lower Upper
168 100
99 51.9 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 47.602 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 65 Resp: 73796
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012606.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-4.0-6.0

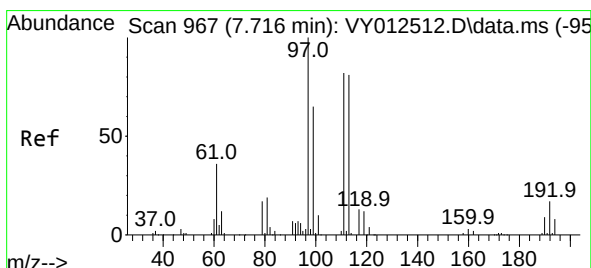
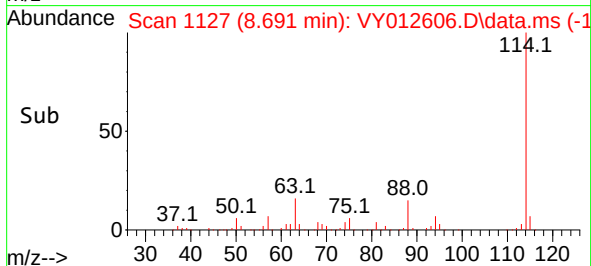
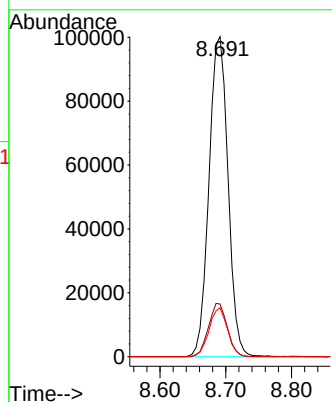
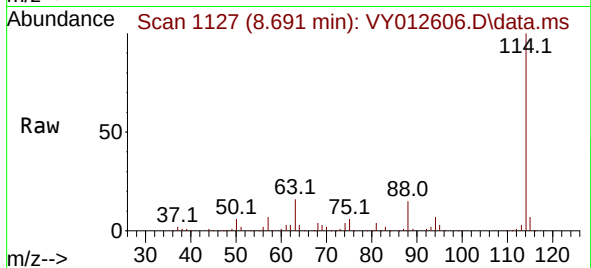
Tgt Ion:114 Resp: 201862

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.6

88 15.2 0.0 29.8



#35

Dibromofluoromethane

Concen: 41.736 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012606.D

Acq: 15 Feb 2023 11:46

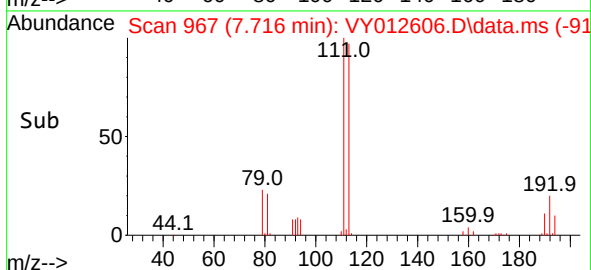
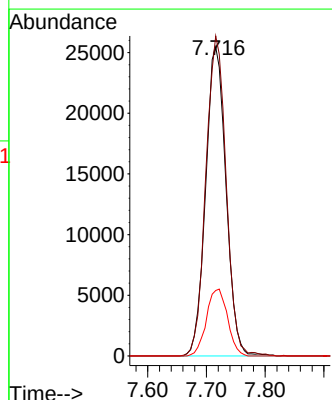
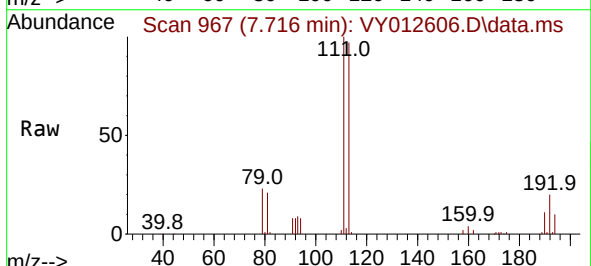
Tgt Ion:113 Resp: 61355

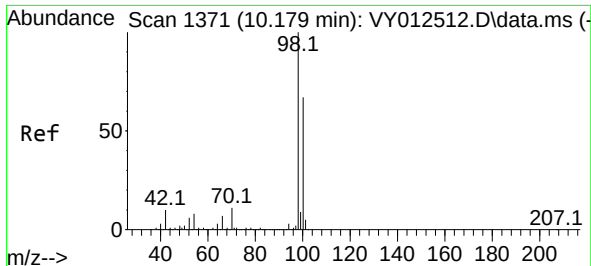
Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 22.4 17.5 26.3

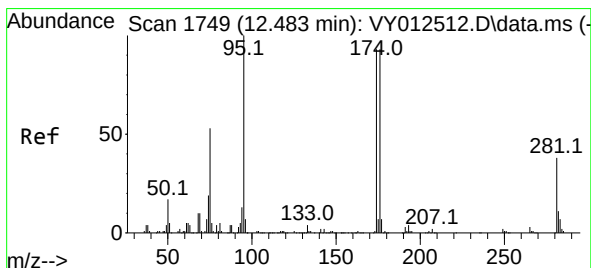
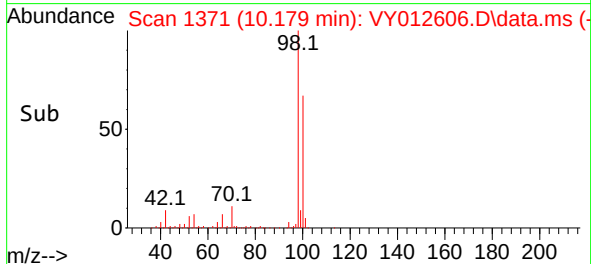
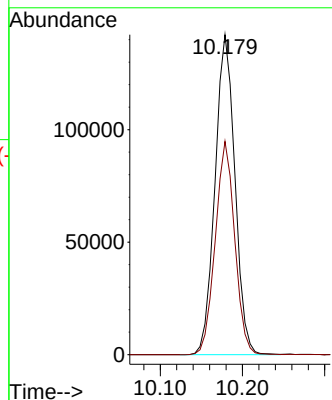
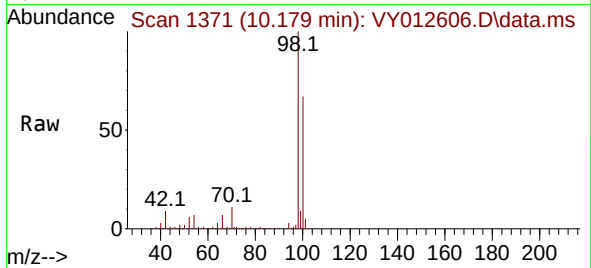




#50
Toluene-d8
Concen: 39.053 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

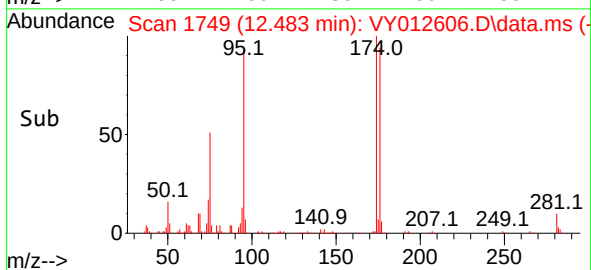
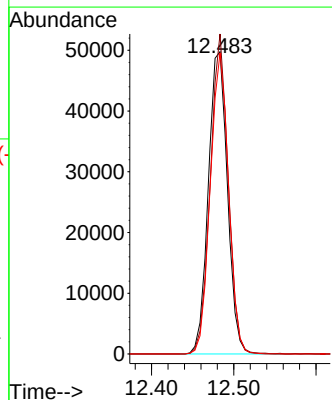
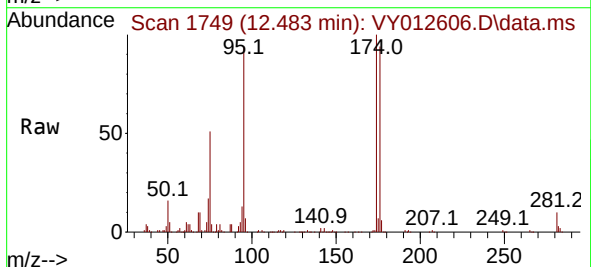
Instrument :
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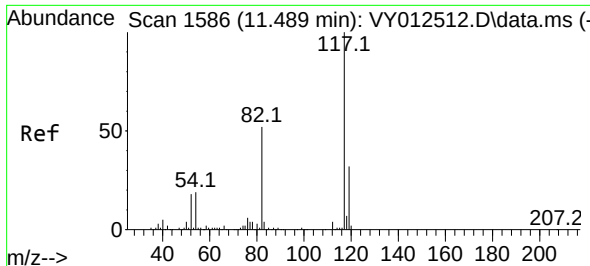
Tgt Ion: 98 Resp: 238960
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 95 Resp: 80489
Ion Ratio Lower Upper
95 100
174 99.2 0.0 188.0
176 95.2 0.0 183.6

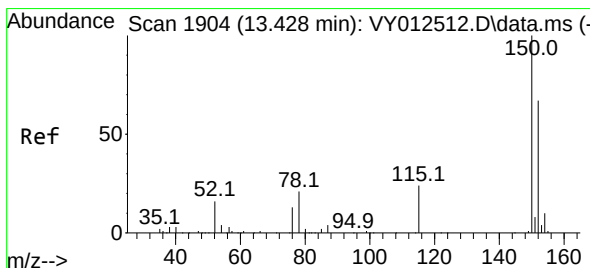
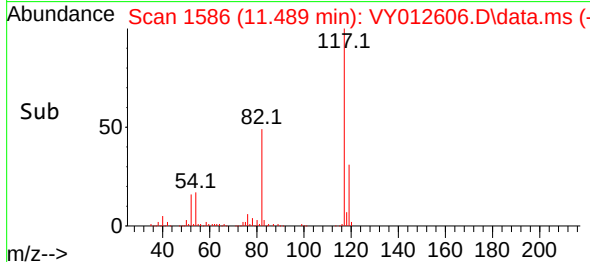
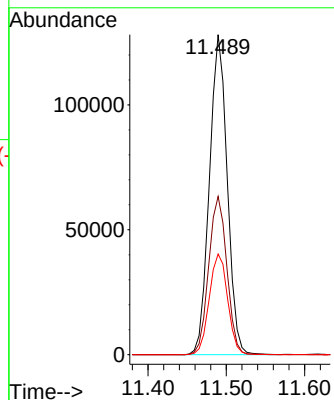
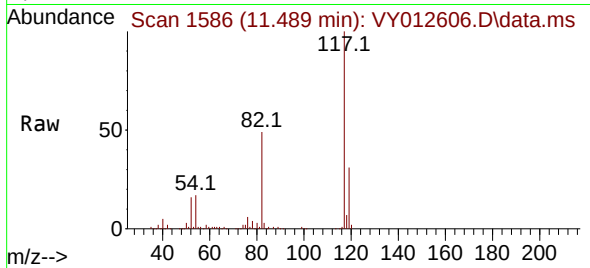




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion:117 Resp: 202066
Ion Ratio Lower Upper
117 100
82 49.5 41.7 62.5
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Tgt Ion:152 Resp: 100170
Ion Ratio Lower Upper
152 100
115 54.6 28.1 84.3
150 153.5 0.0 351.0

