

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013456.D
 Acq On : 25 Apr 2023 19:00
 Operator : KP/MD
 Sample : 02470-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-9.5-10.0

Quant Time: Apr 26 02:53:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	4828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	8229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9281	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5635	106.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	212.940%#
35) Dibromofluoromethane	7.722	113	4084	78.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	157.820%#
50) Toluene-d8	10.179	98	10396	56.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.920%
62) 4-Bromofluorobenzene	12.483	95	3385	54.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.060%

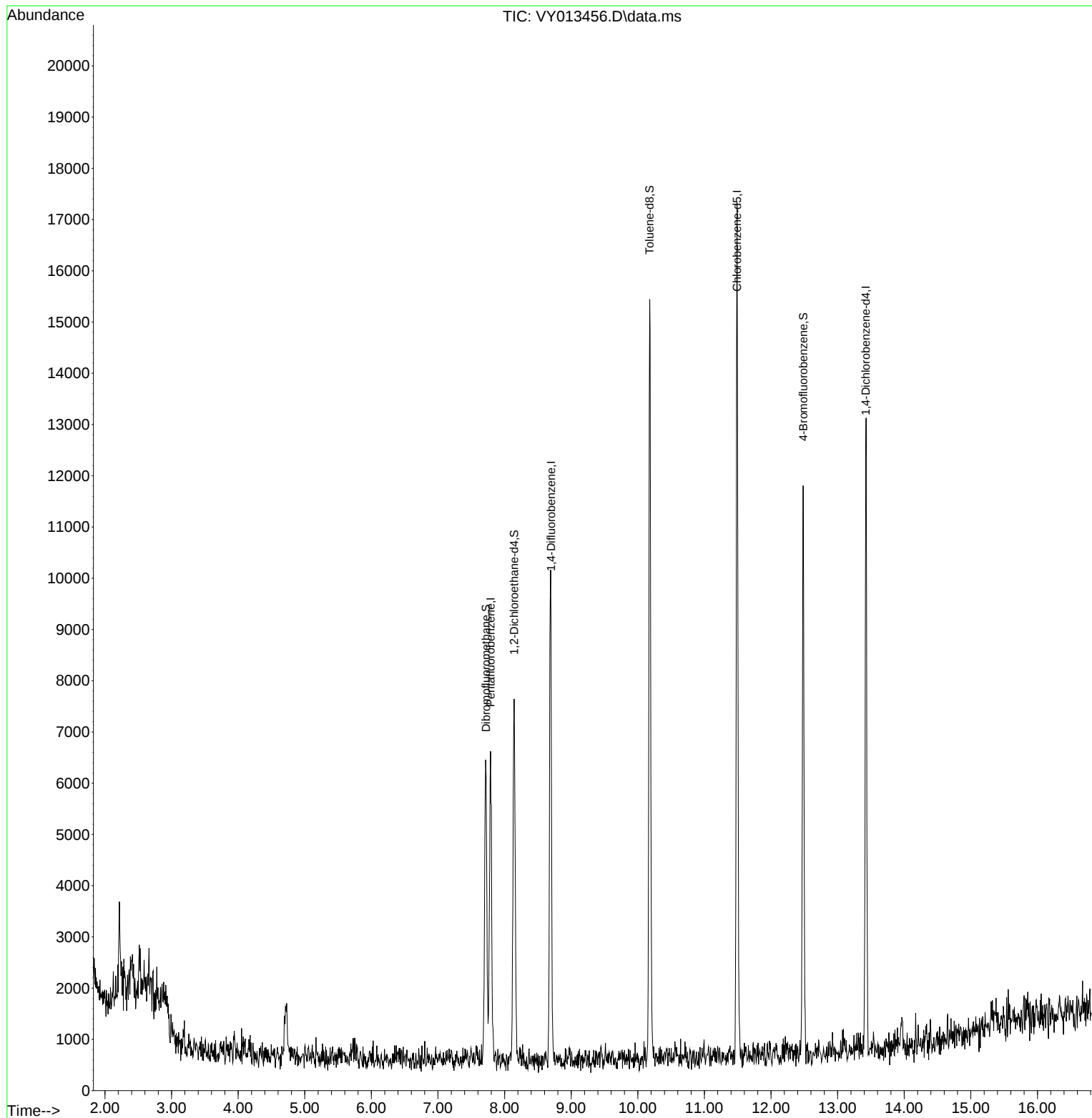
Target Compounds	Qvalue

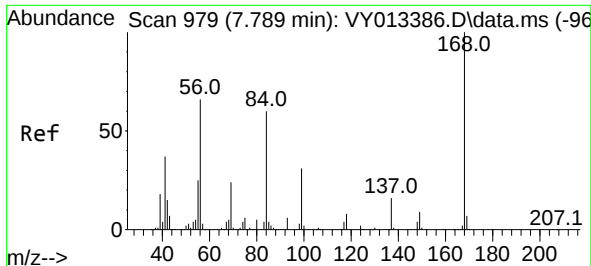
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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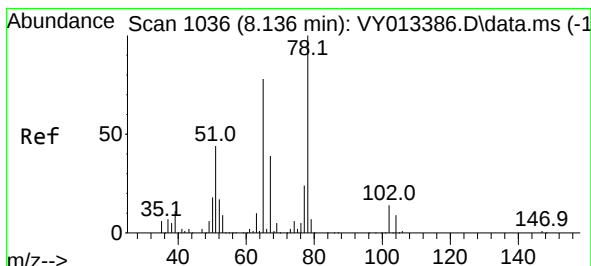
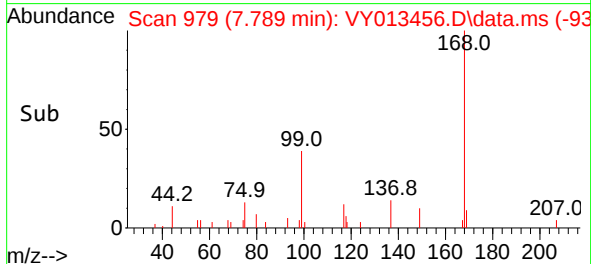
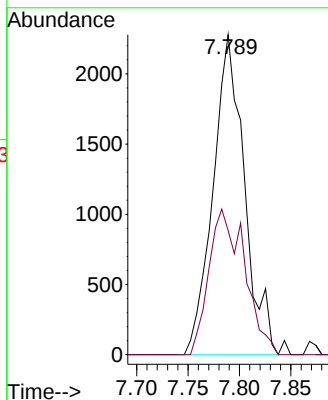
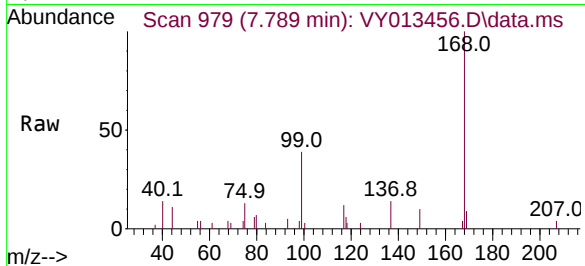




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013456.D
Acq: 25 Apr 2023 19:00

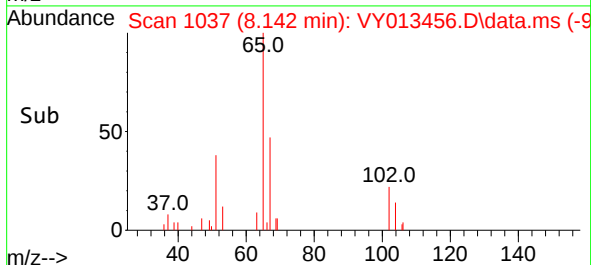
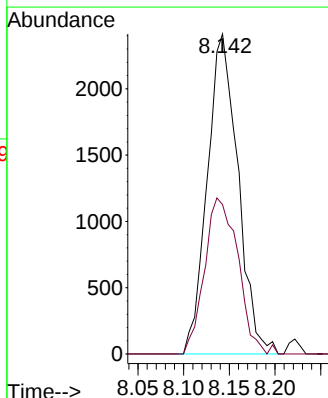
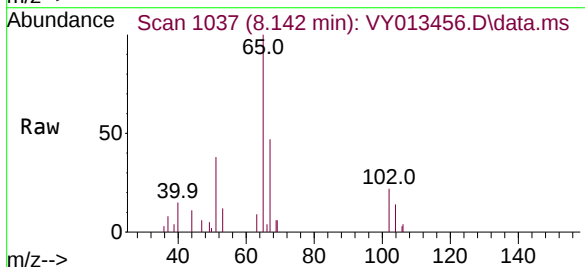
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-9.5-10.0

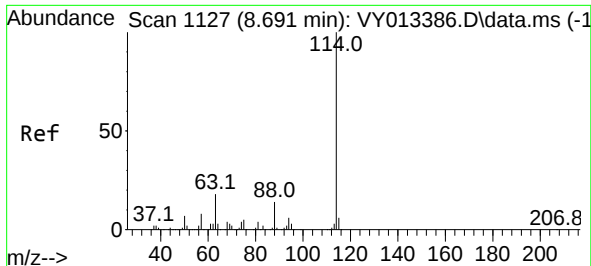
Tgt Ion:168 Resp: 4828
Ion Ratio Lower Upper
168 100
99 38.8 41.8 62.6#



#33
1,2-Dichloroethane-d4
Concen: 106.470 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013456.D
Acq: 25 Apr 2023 19:00

Tgt Ion: 65 Resp: 5635
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013456.D

Acq: 25 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-9.5-10.0

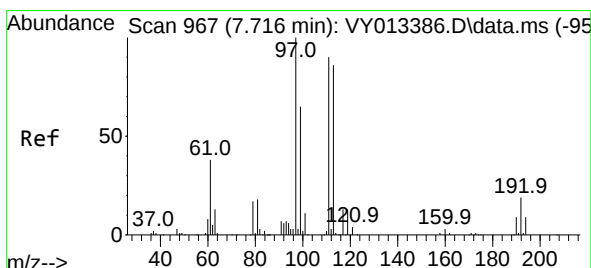
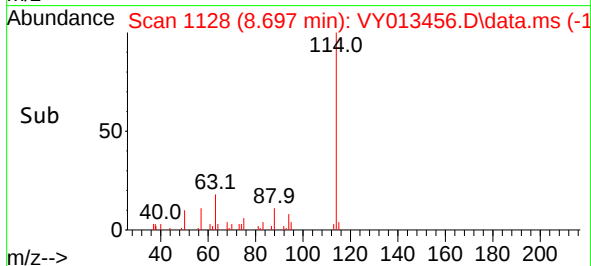
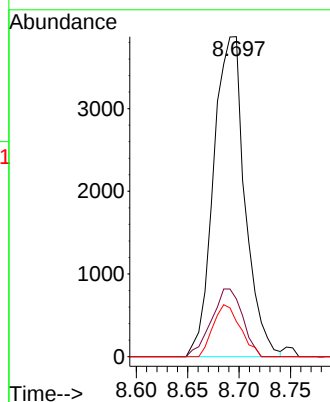
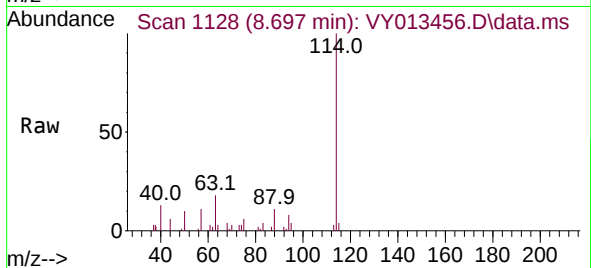
Tgt Ion:114 Resp: 8229

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 11.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 78.908 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013456.D

Acq: 25 Apr 2023 19:00

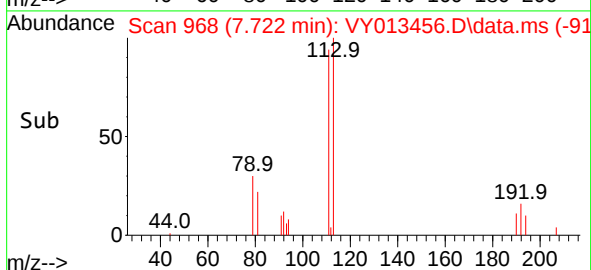
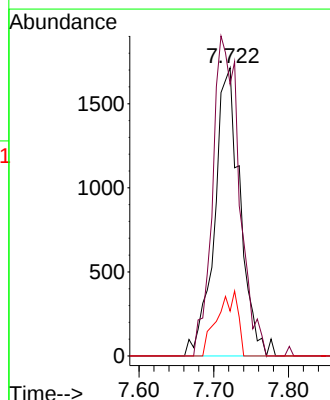
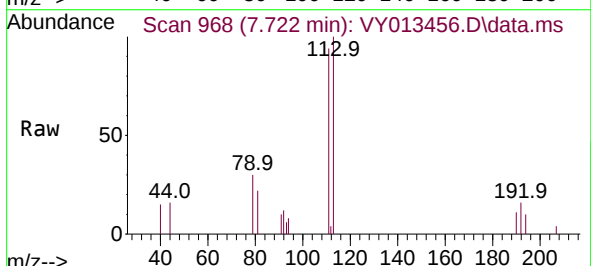
Tgt Ion:113 Resp: 4084

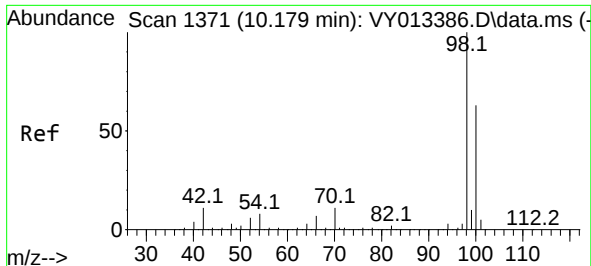
Ion Ratio Lower Upper

113 100

111 116.1 82.2 123.2

192 18.1 16.7 25.1

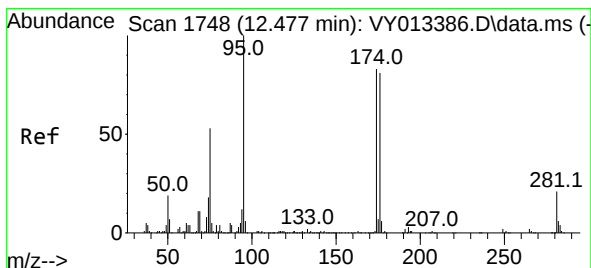
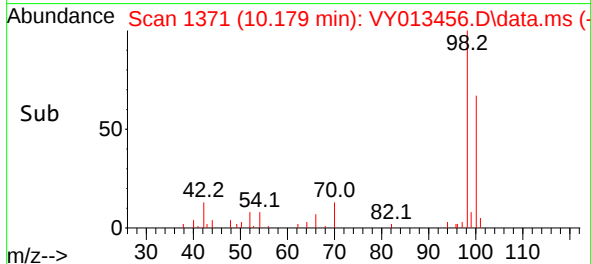
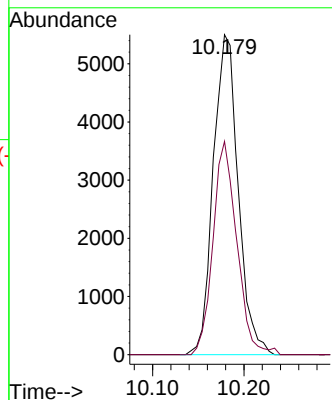
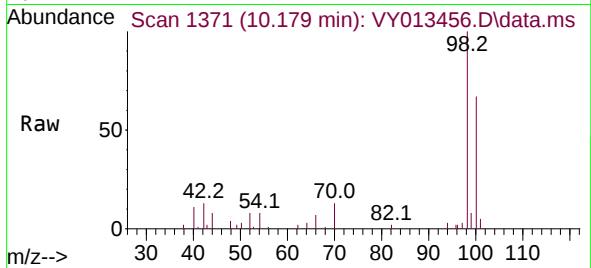




#50
Toluene-d8
Concen: 56.463 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013456.D
Acq: 25 Apr 2023 19:00

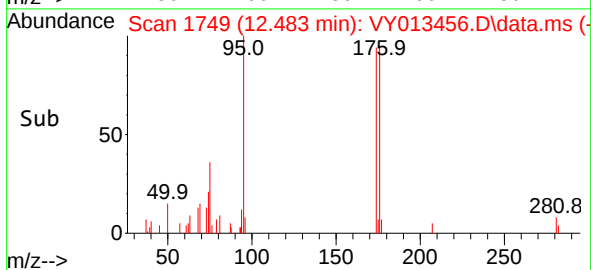
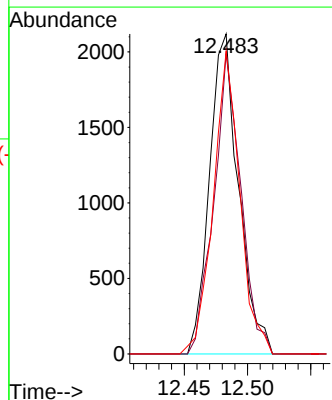
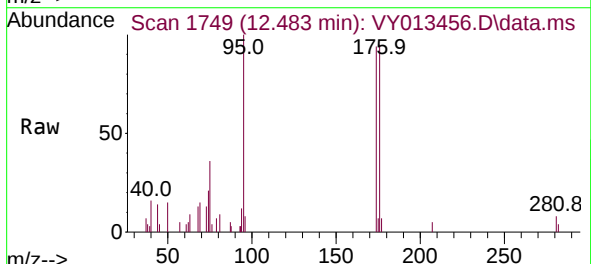
Instrument :
MSVOA_Y
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SB-04-9.5-10.0

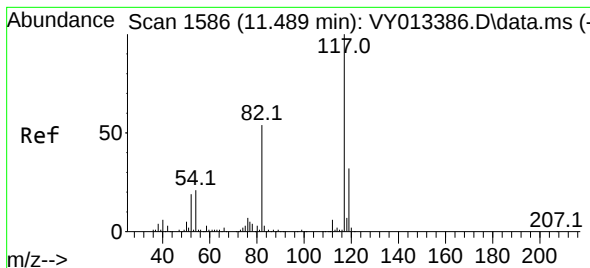
Tgt Ion: 98 Resp: 10396
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013456.D
Acq: 25 Apr 2023 19:00

Tgt Ion: 95 Resp: 3385
Ion Ratio Lower Upper
95 100
174 87.5 0.0 182.0
176 86.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013456.D

Acq: 25 Apr 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-9.5-10.0

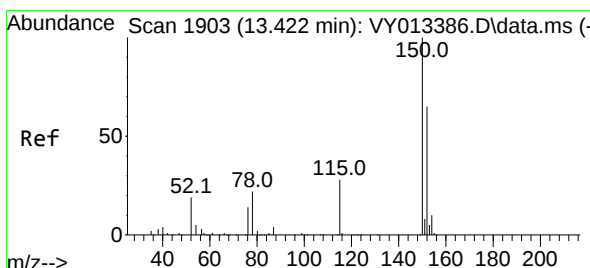
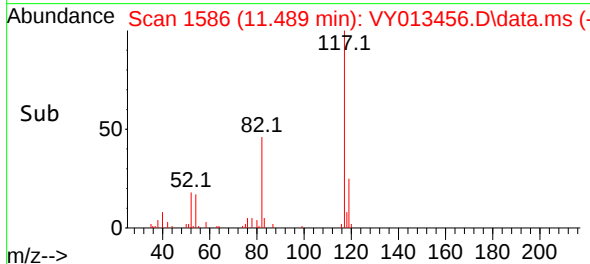
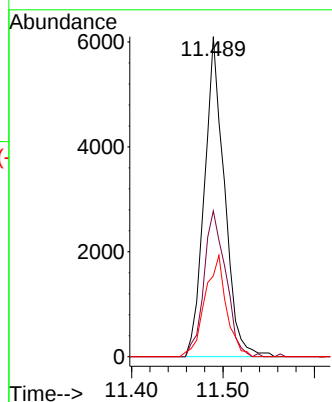
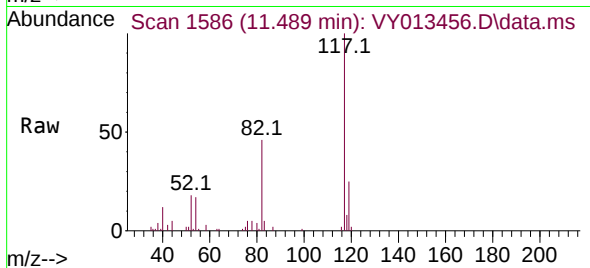
Tgt Ion:117 Resp: 9281

Ion Ratio Lower Upper

117 100

82 45.6 43.0 64.6

119 25.3 25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013456.D

Acq: 25 Apr 2023 19:00

Tgt Ion:152 Resp: 3550

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.2

150 144.4 0.0 352.0

