

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013751.D
 Acq On : 16 May 2023 11:58
 Operator : KP/MD
 Sample : VY0516SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBL01

Quant Time: May 17 07:43:22 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	179229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110579	56.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.560%
35) Dibromofluoromethane	7.716	113	102089	56.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.620%
50) Toluene-d8	10.179	98	314996	49.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.483	95	111243	51.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.240%

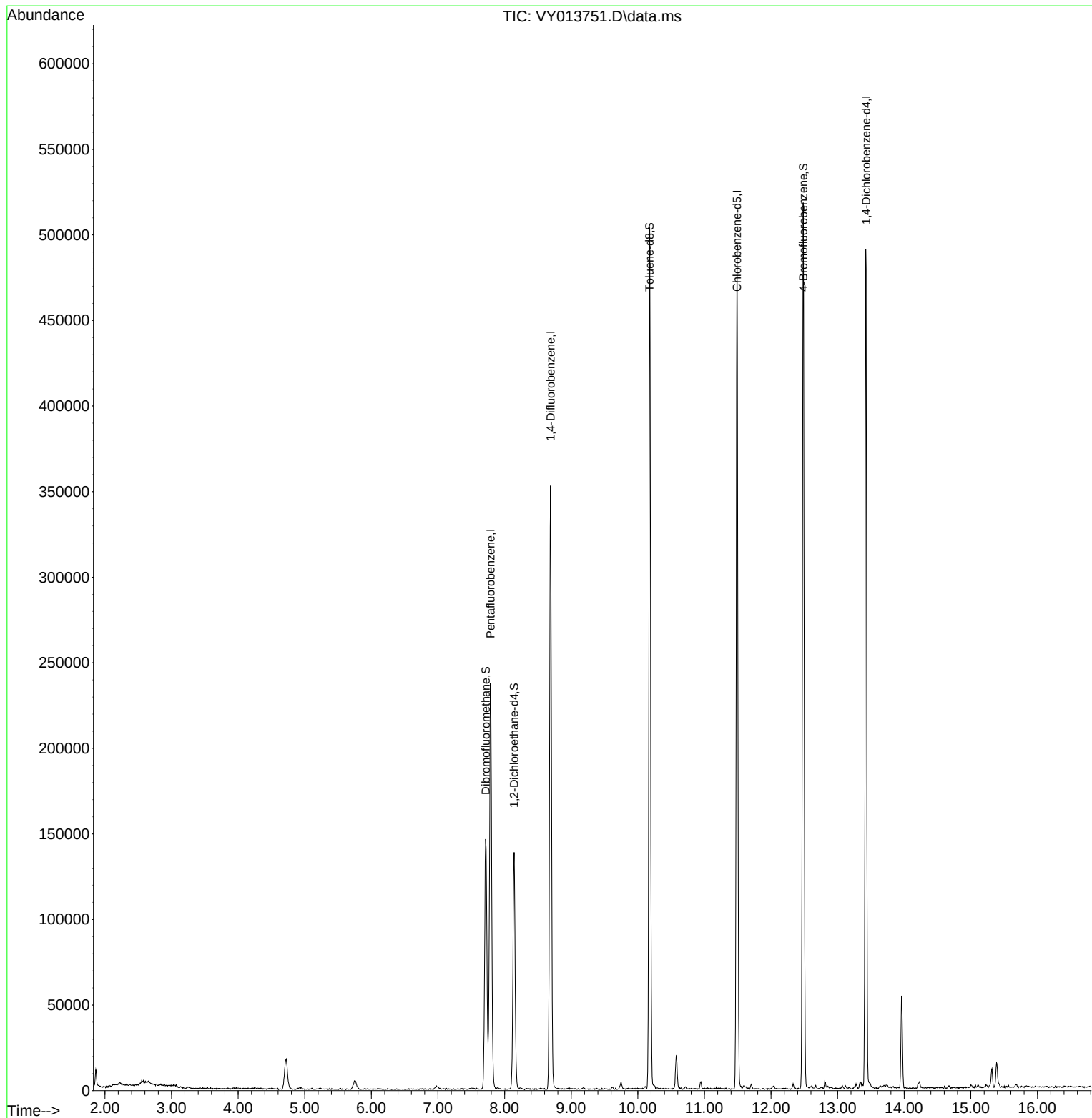
Target Compounds	Qvalue

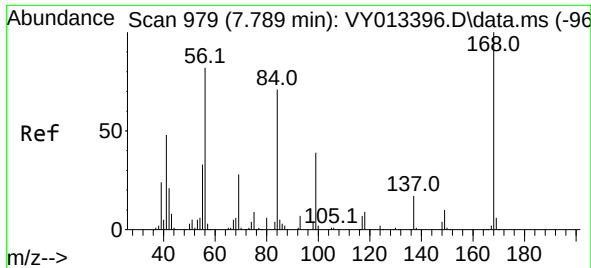
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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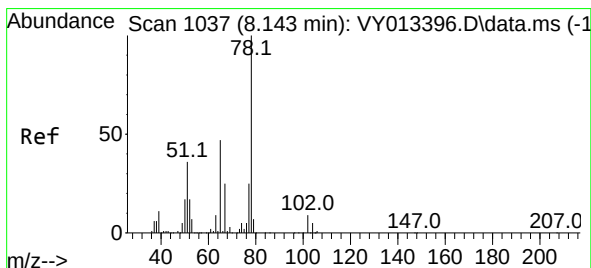
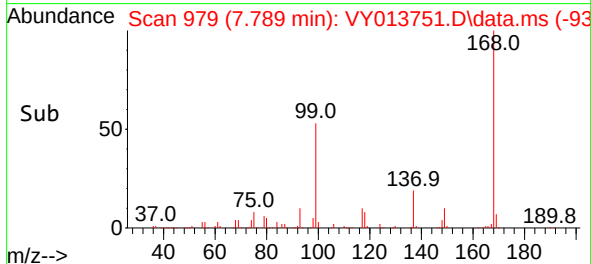
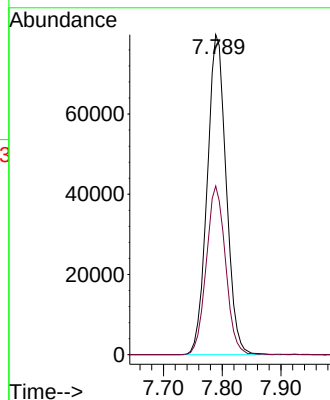
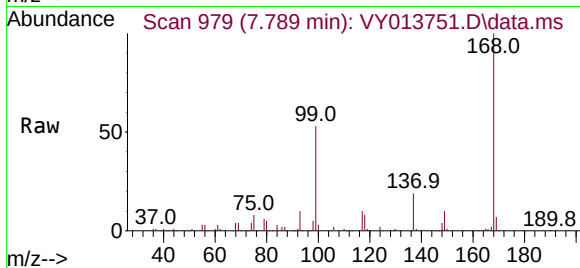




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

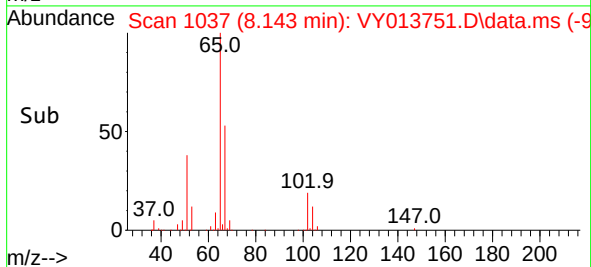
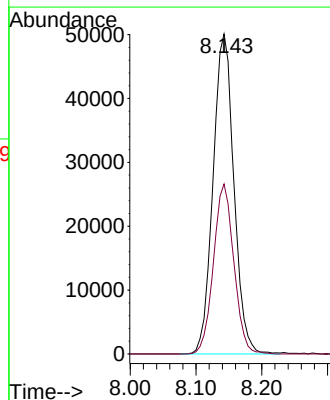
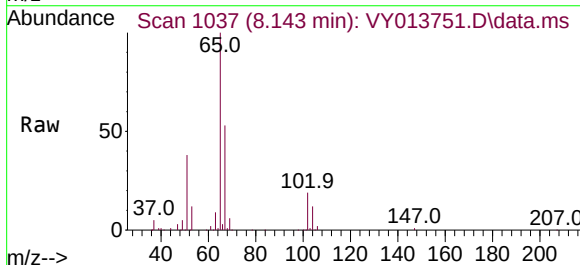
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

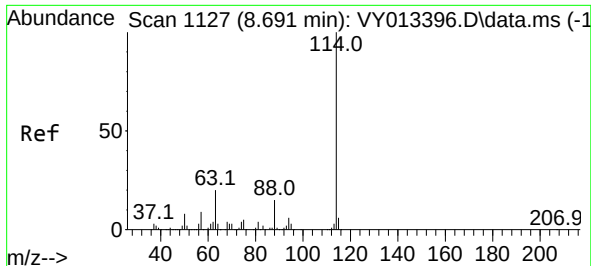
Tgt Ion:168 Resp: 179229
Ion Ratio Lower Upper
168 100
99 52.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 56.282 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

Tgt Ion: 65 Resp: 110579
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

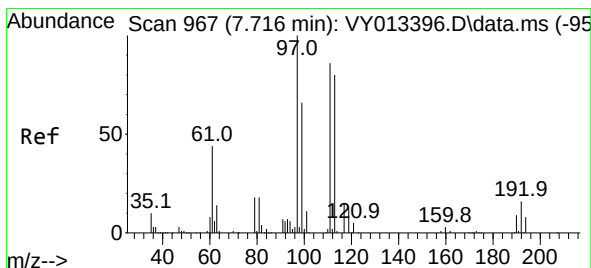
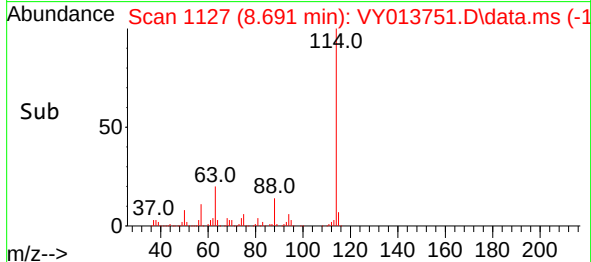
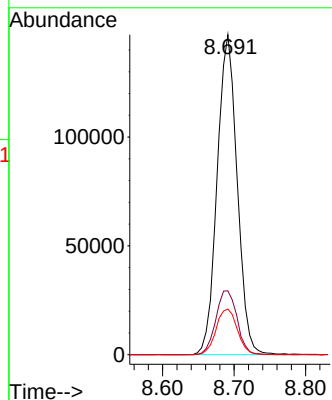
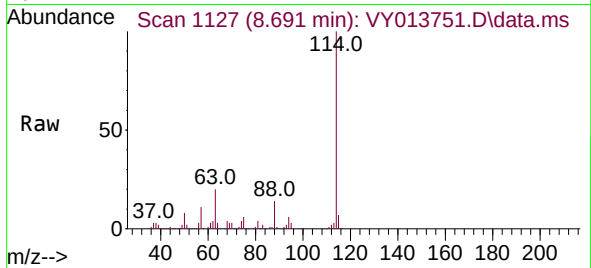




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

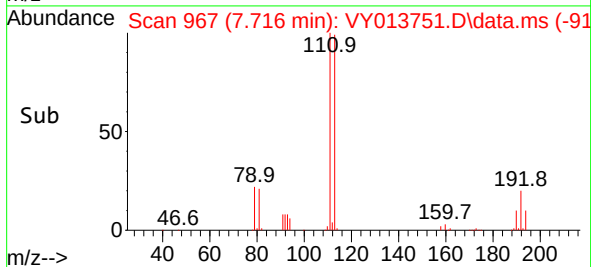
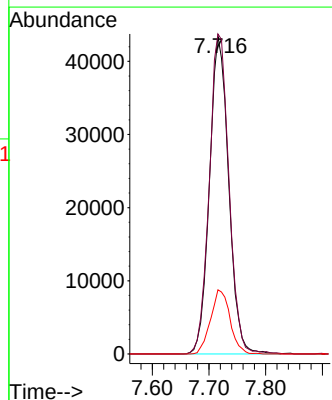
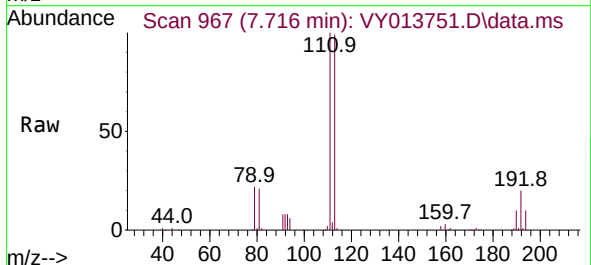
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

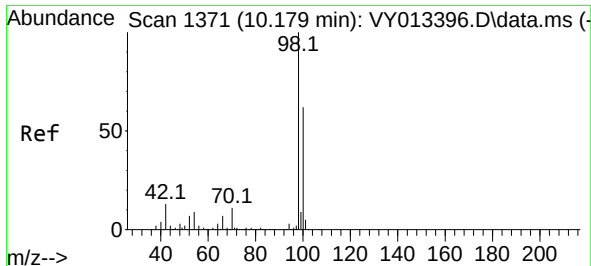
Tgt Ion:114 Resp: 285706
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.6
88 14.2 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.812 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

Tgt Ion:113 Resp: 102089
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.5 16.7 25.1

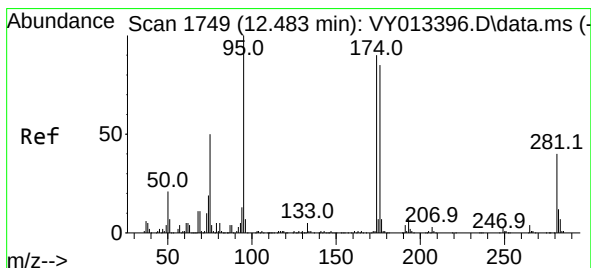
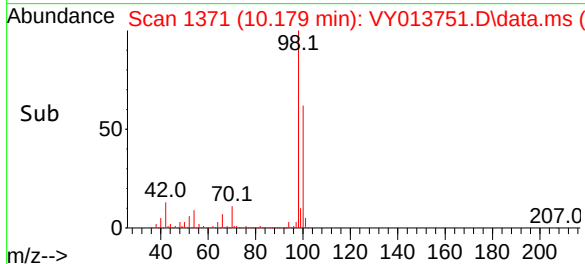
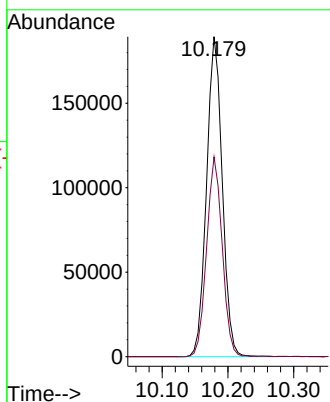
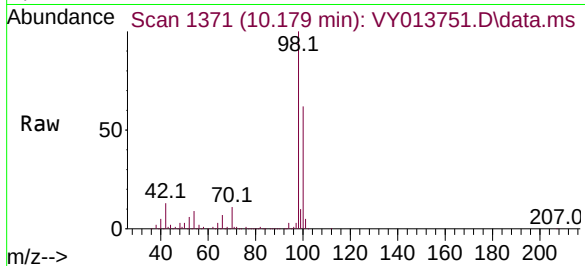




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

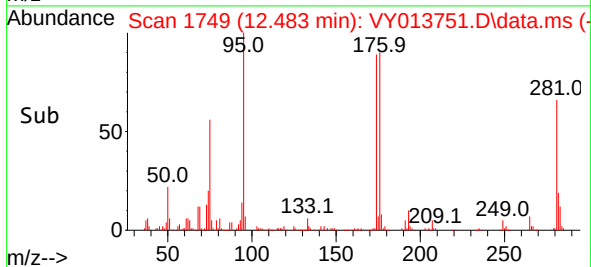
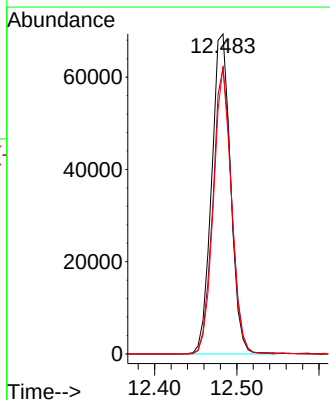
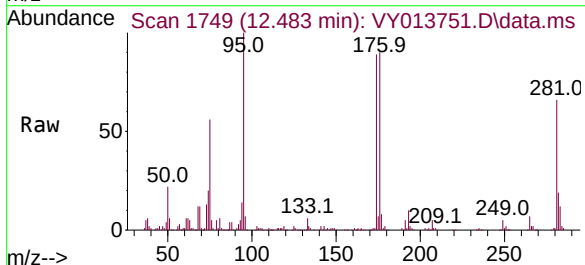
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

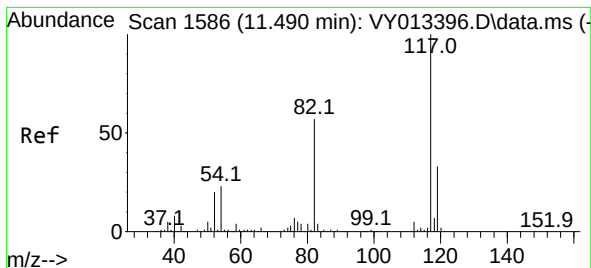
Tgt Ion: 98 Resp: 314996
Ion Ratio Lower Upper
98 100
100 62.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013751.D
Acq: 16 May 2023 11:58

Tgt Ion: 95 Resp: 111243
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 84.4 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: VY013751.D

Acq: 16 May 2023 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBL01

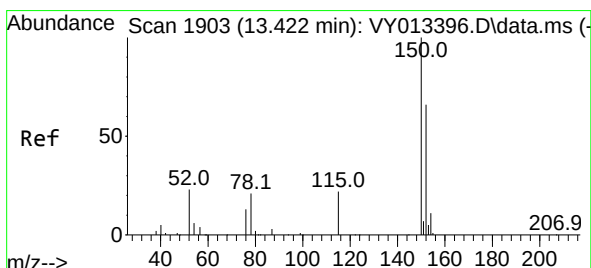
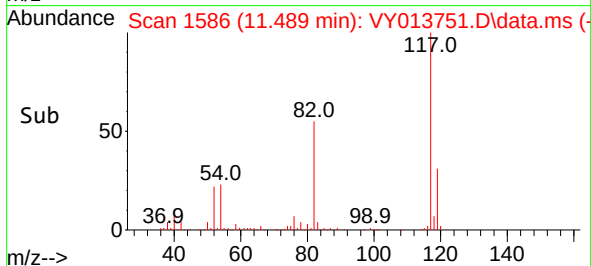
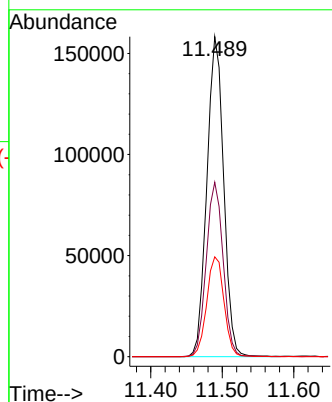
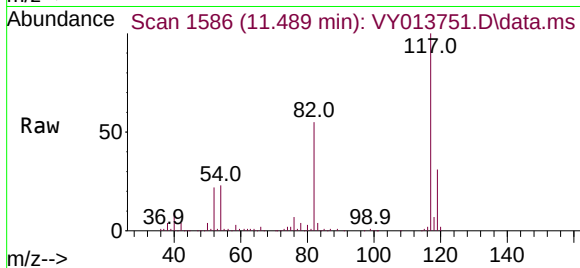
Tgt Ion:117 Resp: 258349

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.6

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013751.D

Acq: 16 May 2023 11:58

Tgt Ion:152 Resp: 124930

Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.2

150 156.7 0.0 352.0

