

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018364.D
 Acq On : 24 May 2024 14:19
 Operator : SY/MD
 Sample : VY0524SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBL01

Quant Time: May 25 03:23:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	122232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66869	57.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.710	113	70941	54.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.380%
50) Toluene-d8	10.179	98	277765	54.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.840%
62) 4-Bromofluorobenzene	12.477	95	82364	52.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.400%

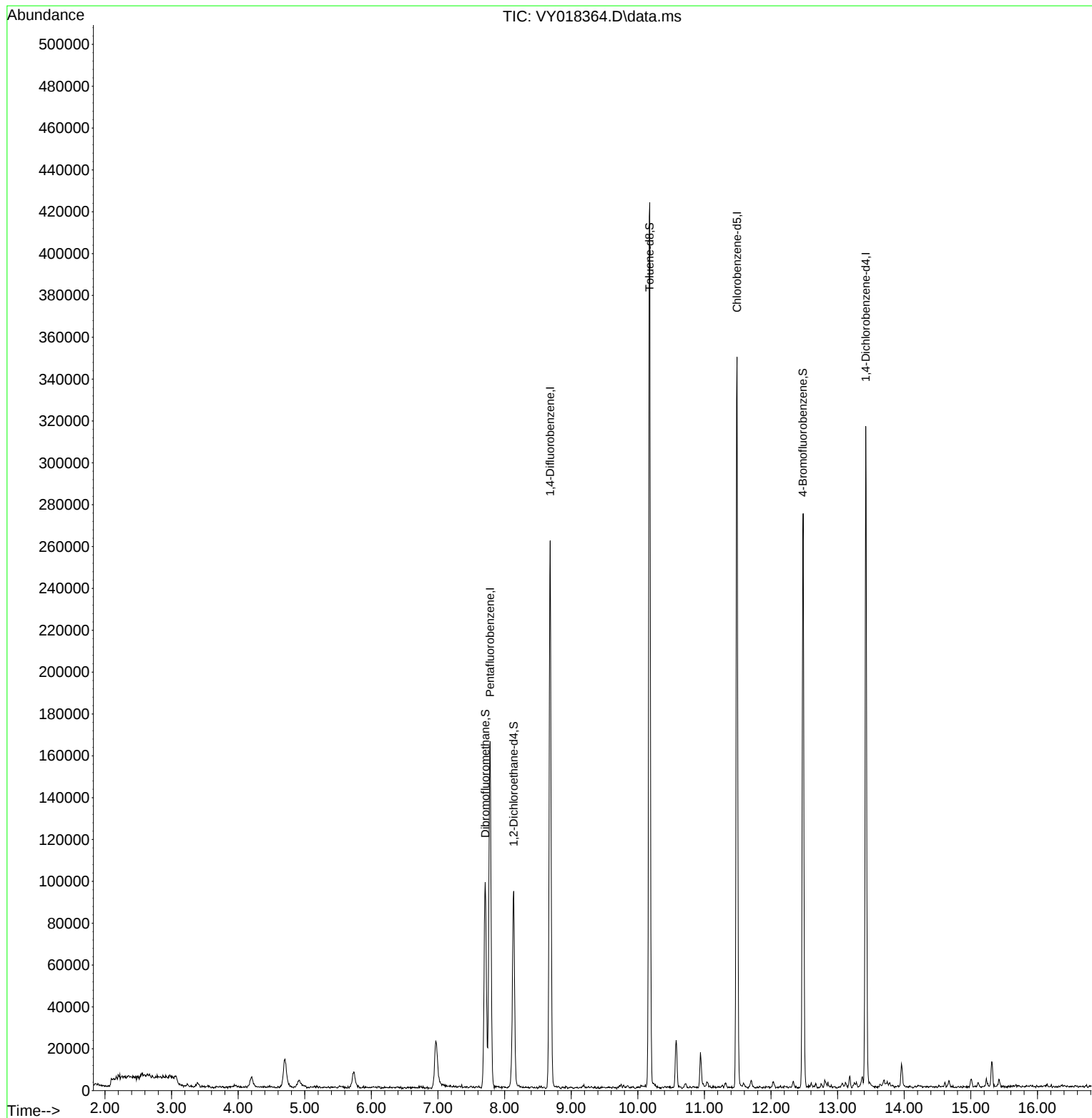
Target Compounds	Qvalue

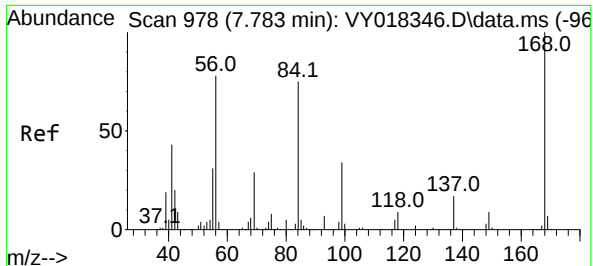
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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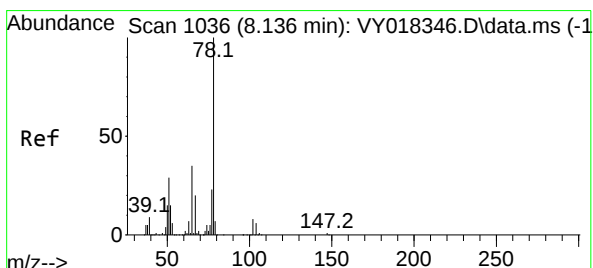
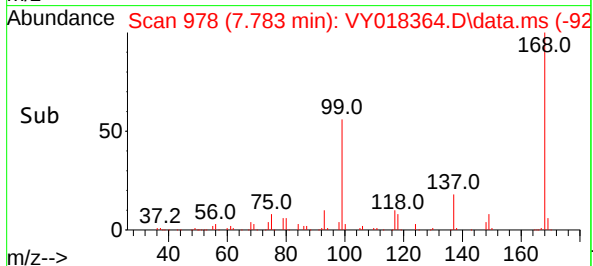
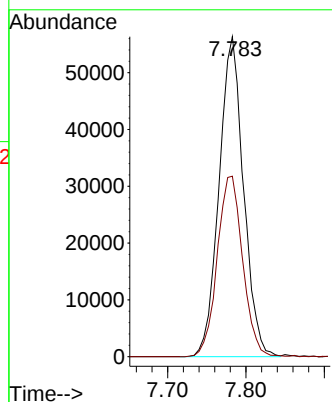
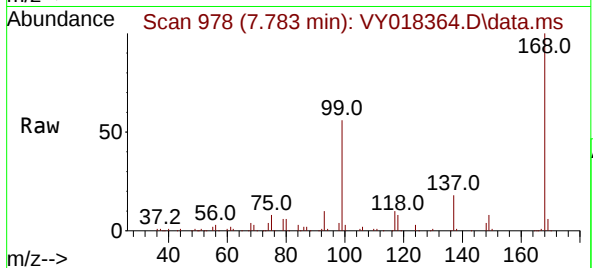




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

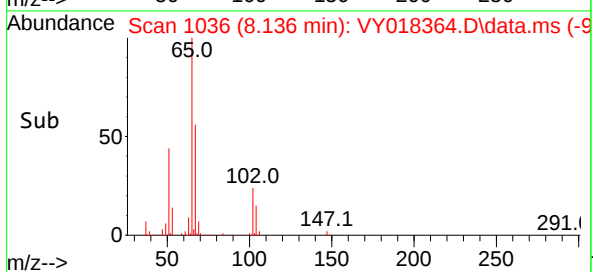
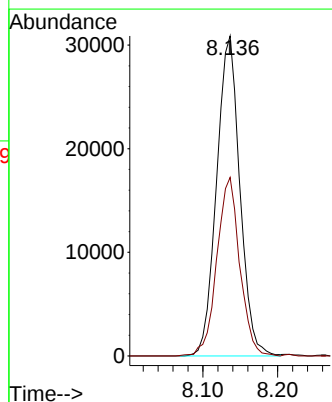
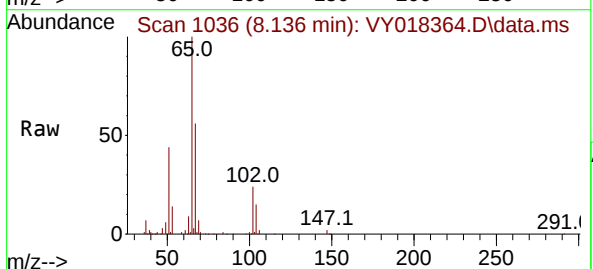
Instrument :
MSVOA_Y
ClientSampleId :
VY0524SBL01

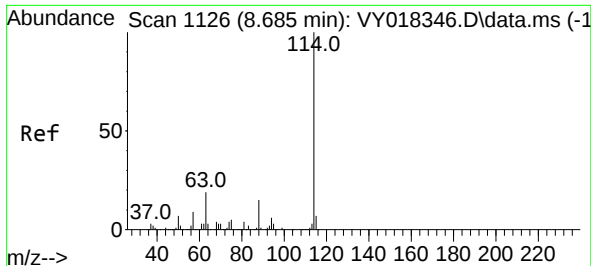
Tgt Ion:168 Resp: 122232
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.743 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018364.D
Acq: 24 May 2024 14:19

Tgt Ion: 65 Resp: 66869
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBL01

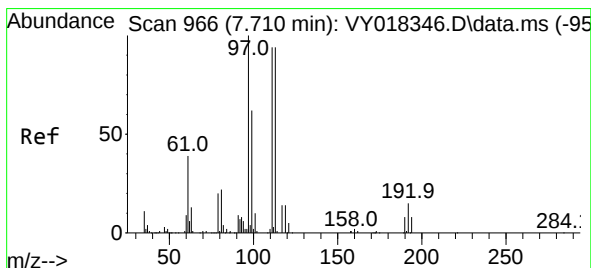
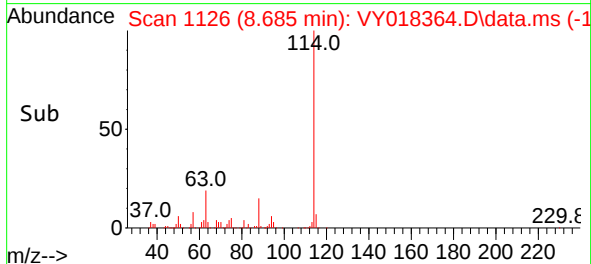
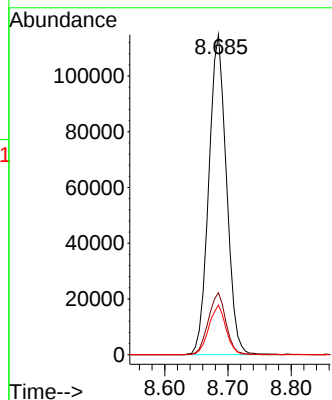
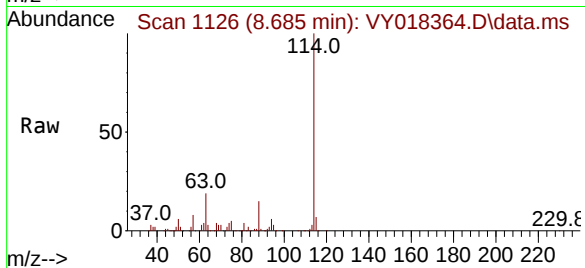
Tgt Ion:114 Resp: 222456

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.685 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

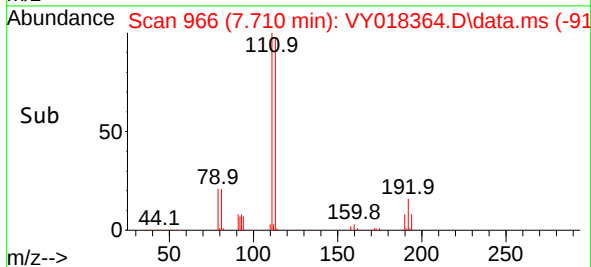
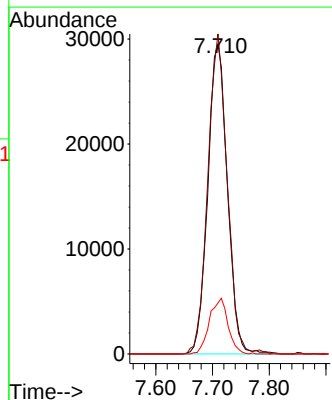
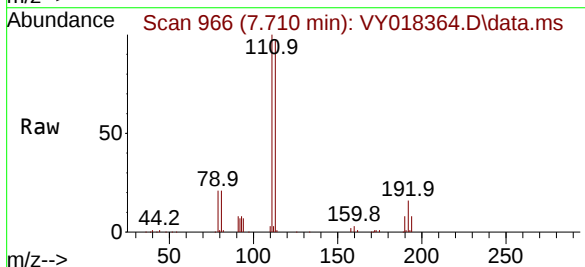
Tgt Ion:113 Resp: 70941

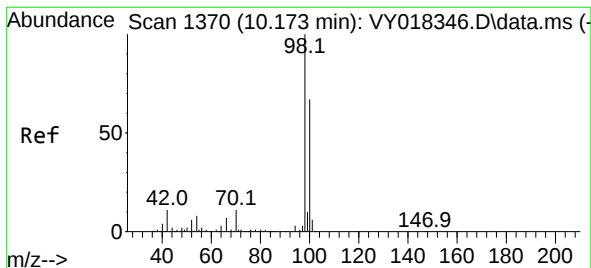
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 17.0 15.9 23.9





#50

Toluene-d8

Concen: 54.919 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

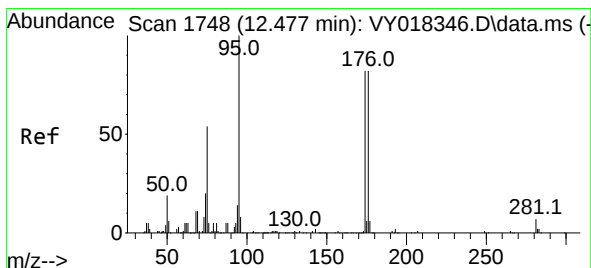
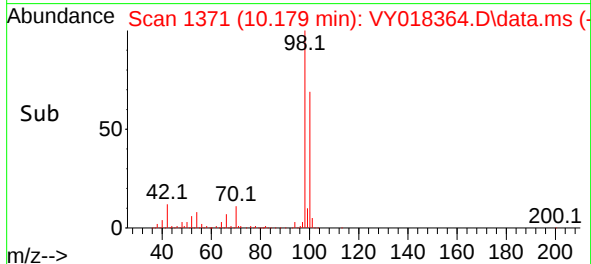
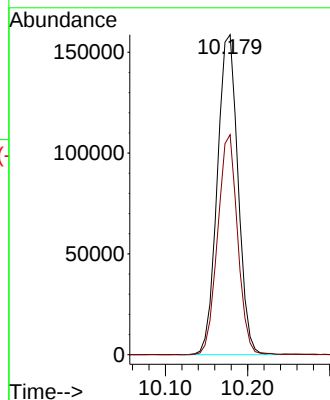
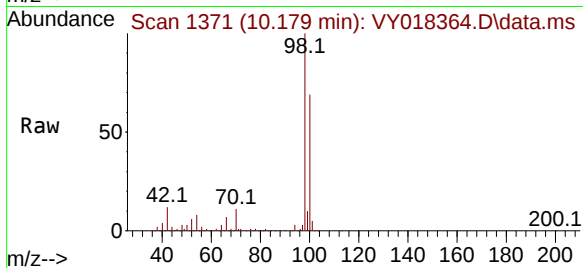
VY0524SBL01

Tgt Ion: 98 Resp: 277765

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.703 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

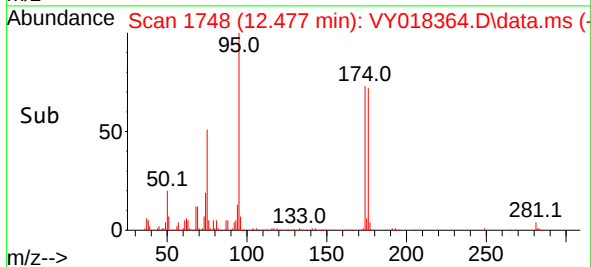
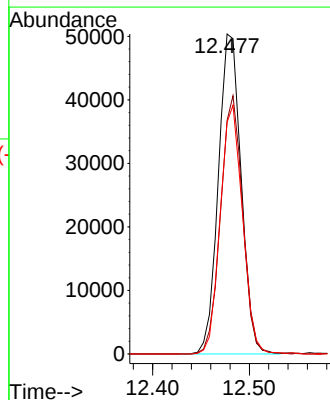
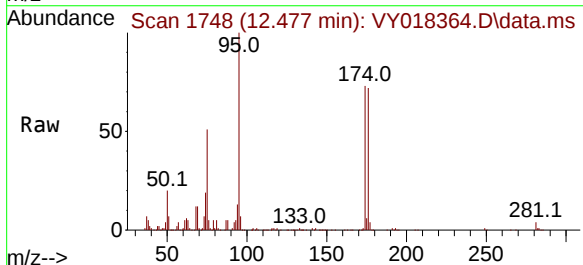
Tgt Ion: 95 Resp: 82364

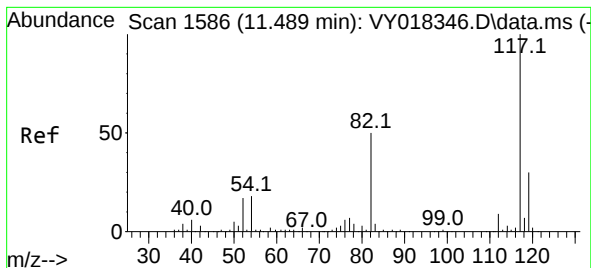
Ion Ratio Lower Upper

95 100

174 77.3 0.0 175.6

176 76.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0524SBL01

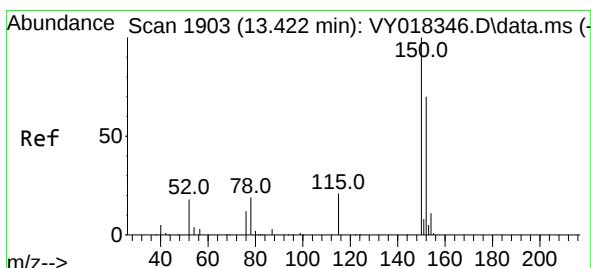
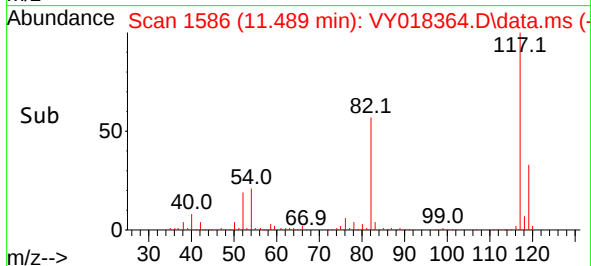
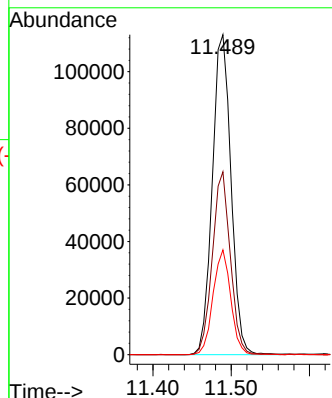
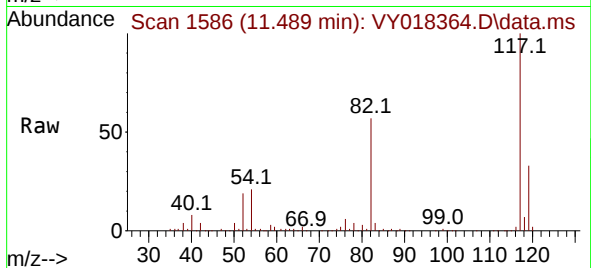
Tgt Ion:117 Resp: 187327

Ion Ratio Lower Upper

117 100

82 57.1 42.4 63.6

119 32.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018364.D

Acq: 24 May 2024 14:19

Tgt Ion:152 Resp: 75352

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 156.5 0.0 345.6

