

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018266.D
 Acq On : 15 May 2024 10:44
 Operator : SY/MD
 Sample : VY0515SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBL01

Quant Time: May 16 03:04:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	171606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80183	63.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.020%
35) Dibromofluoromethane	7.710	113	92457	55.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.300%
50) Toluene-d8	10.179	98	362754	55.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.820%
62) 4-Bromofluorobenzene	12.483	95	103801	49.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.200%

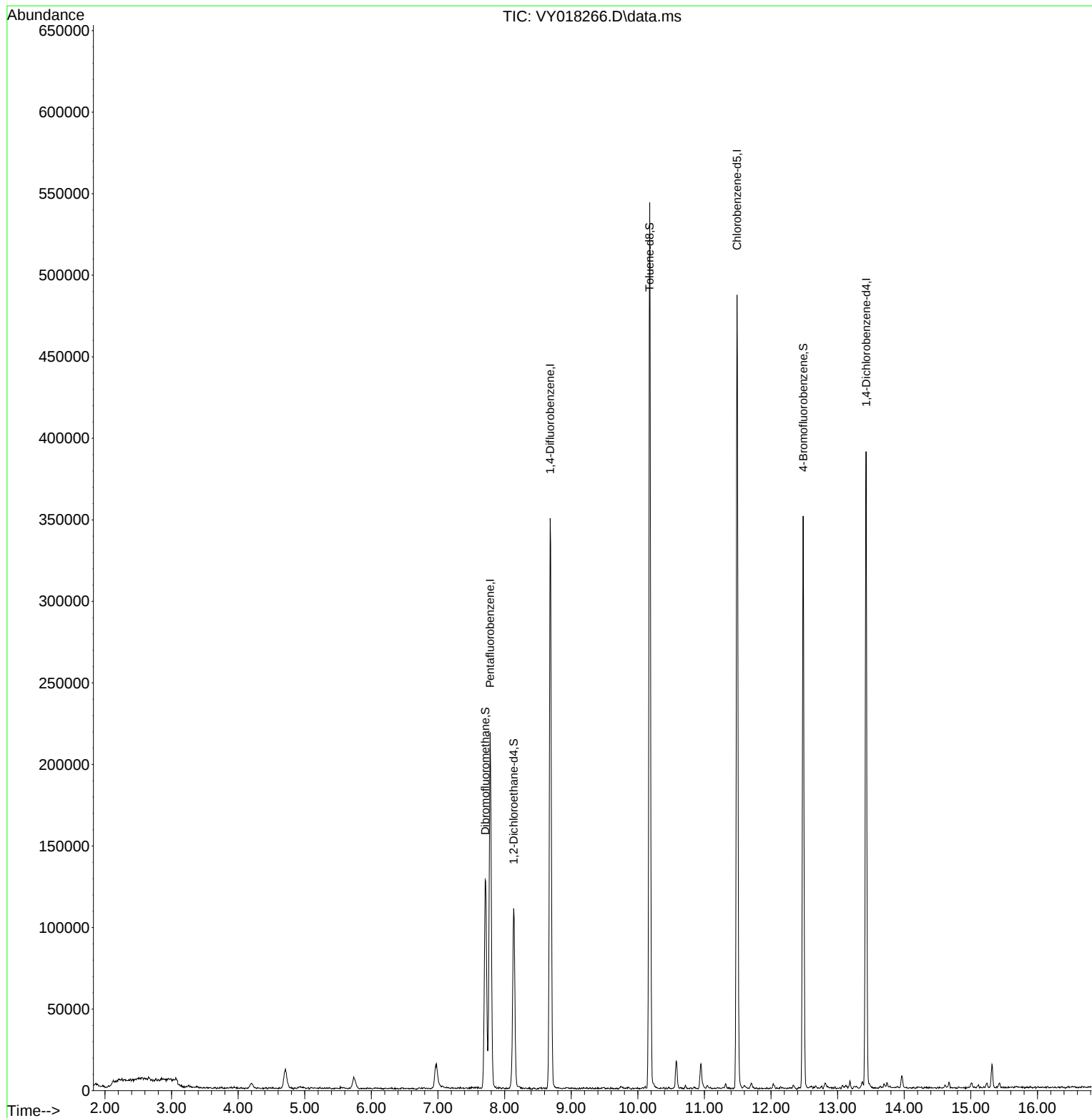
Target Compounds	Qvalue

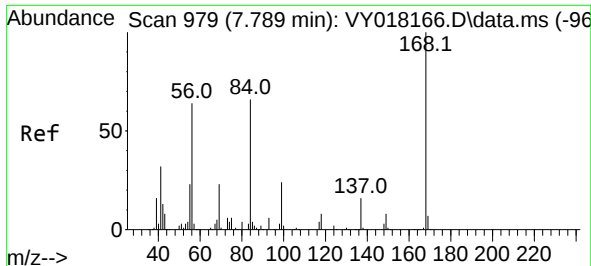
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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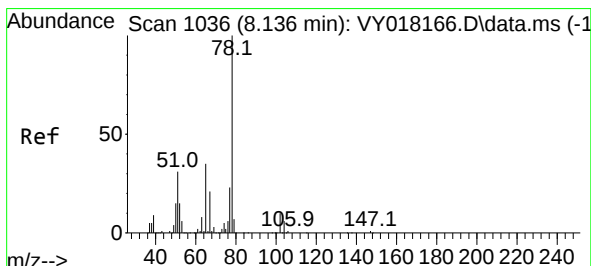
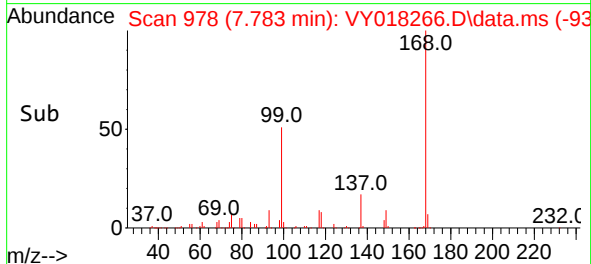
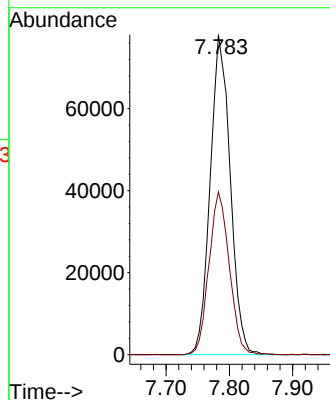
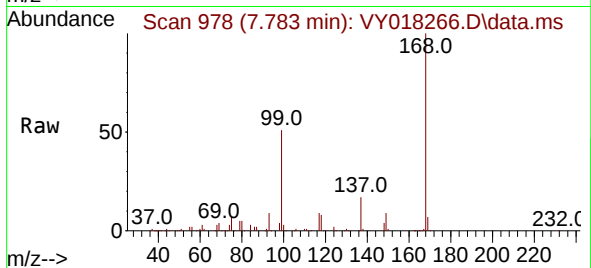




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

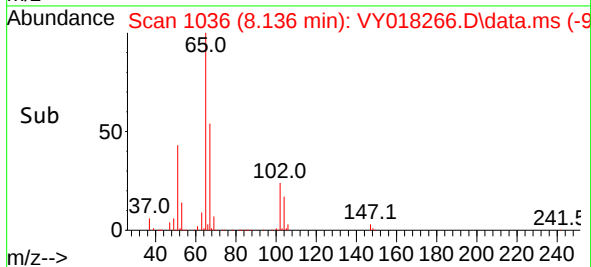
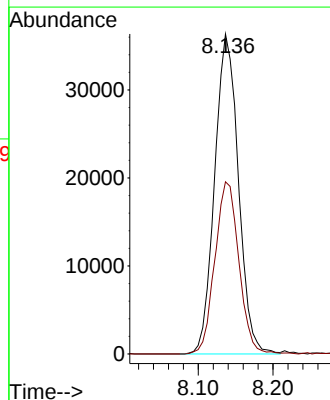
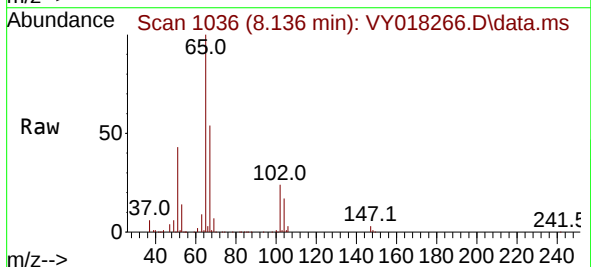
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBL01

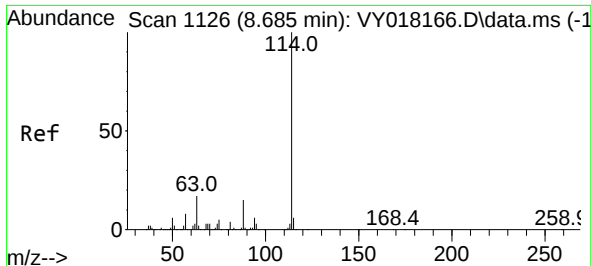
Tgt Ion:168 Resp: 171606
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.514 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018266.D
Acq: 15 May 2024 10:44

Tgt Ion: 65 Resp: 80183
Ion Ratio Lower Upper
65 100
67 54.5 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: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBL01

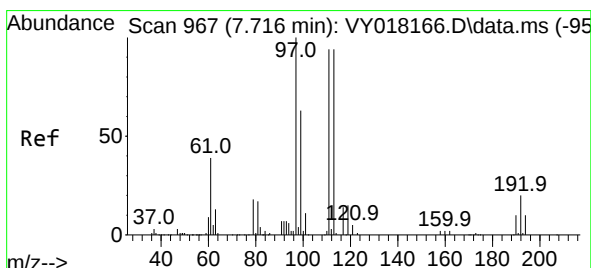
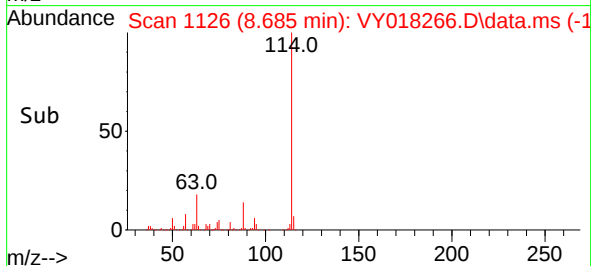
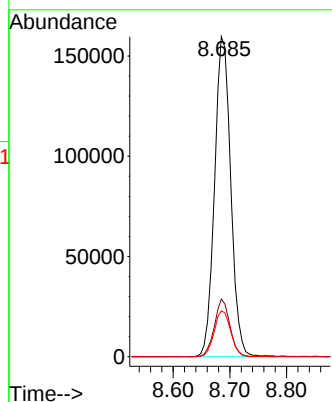
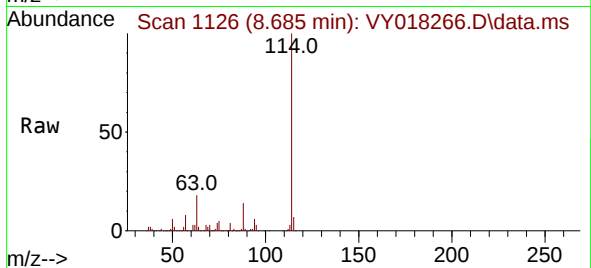
Tgt Ion:114 Resp: 316101

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.655 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

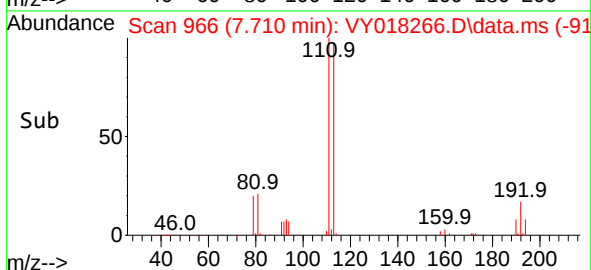
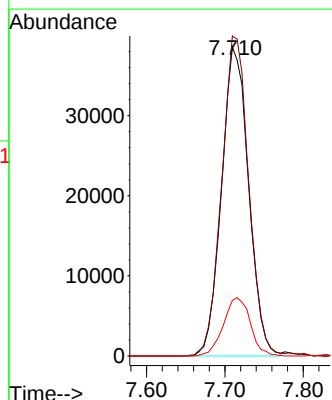
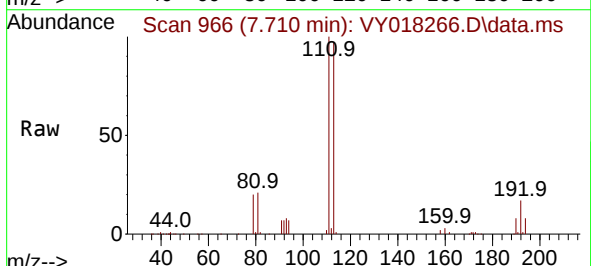
Tgt Ion:113 Resp: 92457

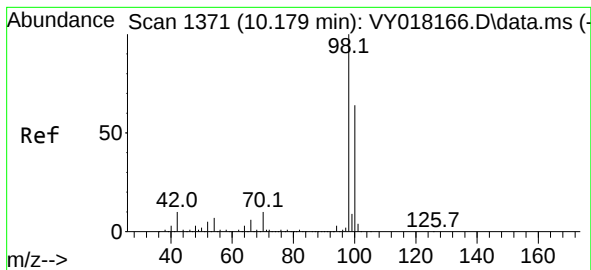
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 18.8 15.9 23.9





#50

Toluene-d8

Concen: 55.413 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

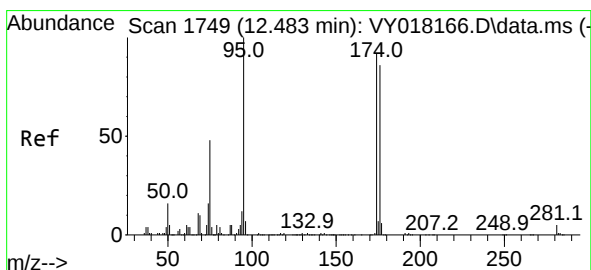
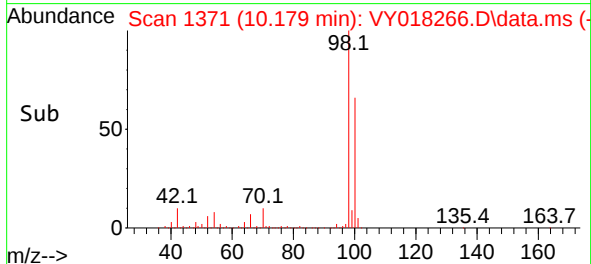
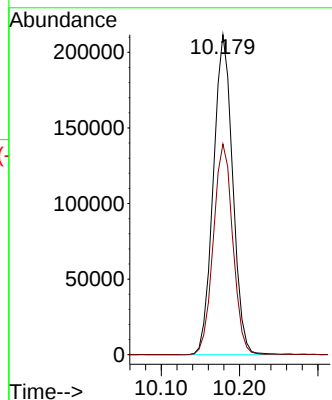
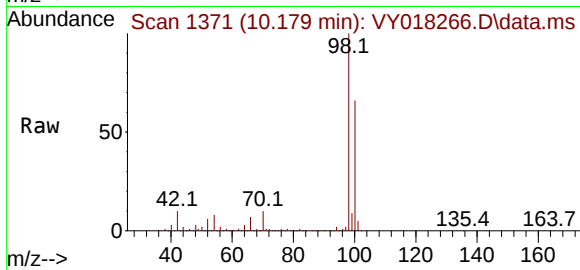
VY0515SBL01

Tgt Ion: 98 Resp: 362754

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.099 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

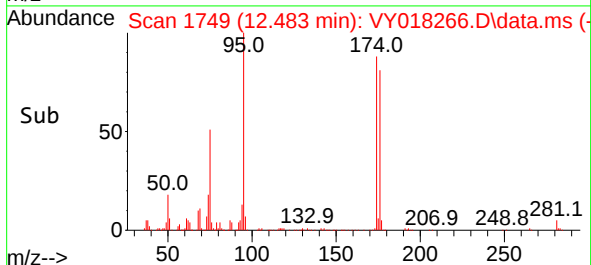
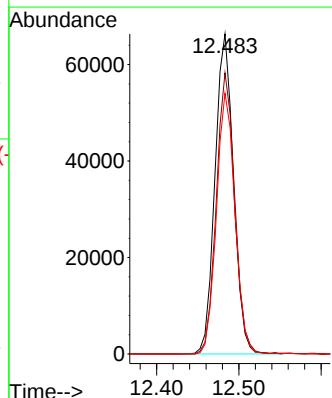
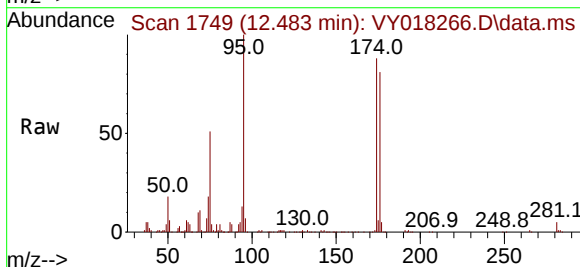
Tgt Ion: 95 Resp: 103801

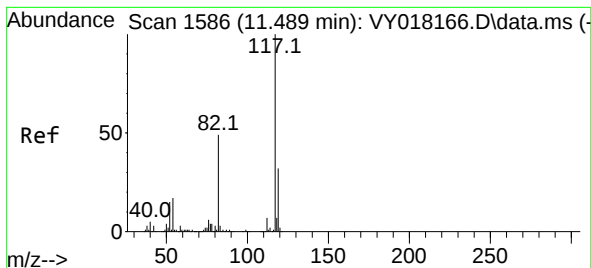
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.6

176 81.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBL01

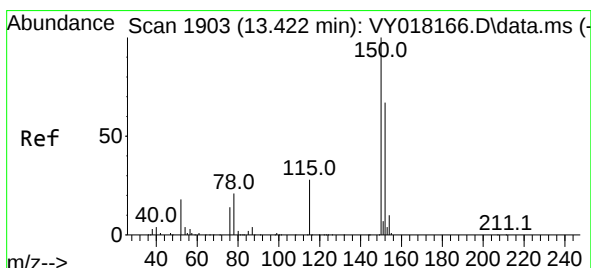
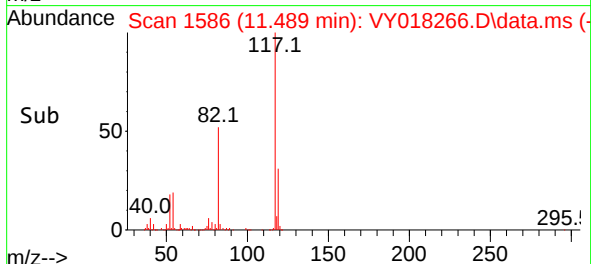
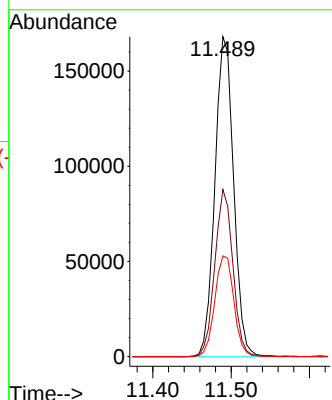
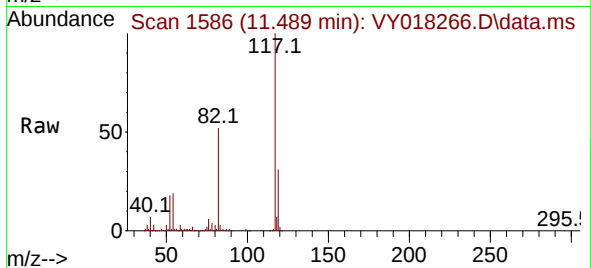
Tgt Ion:117 Resp: 279510

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018266.D

Acq: 15 May 2024 10:44

Tgt Ion:152 Resp: 100128

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 159.3 0.0 345.6

