

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018113.D
 Acq On : 02 May 2024 13:43
 Operator : SY/MD
 Sample : P2326-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-043024

Quant Time: May 02 23:03:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	298309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	531671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	474093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129479	55.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.710	113	155587	50.923	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.179	98	587837	49.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.477	95	190369	46.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.760%

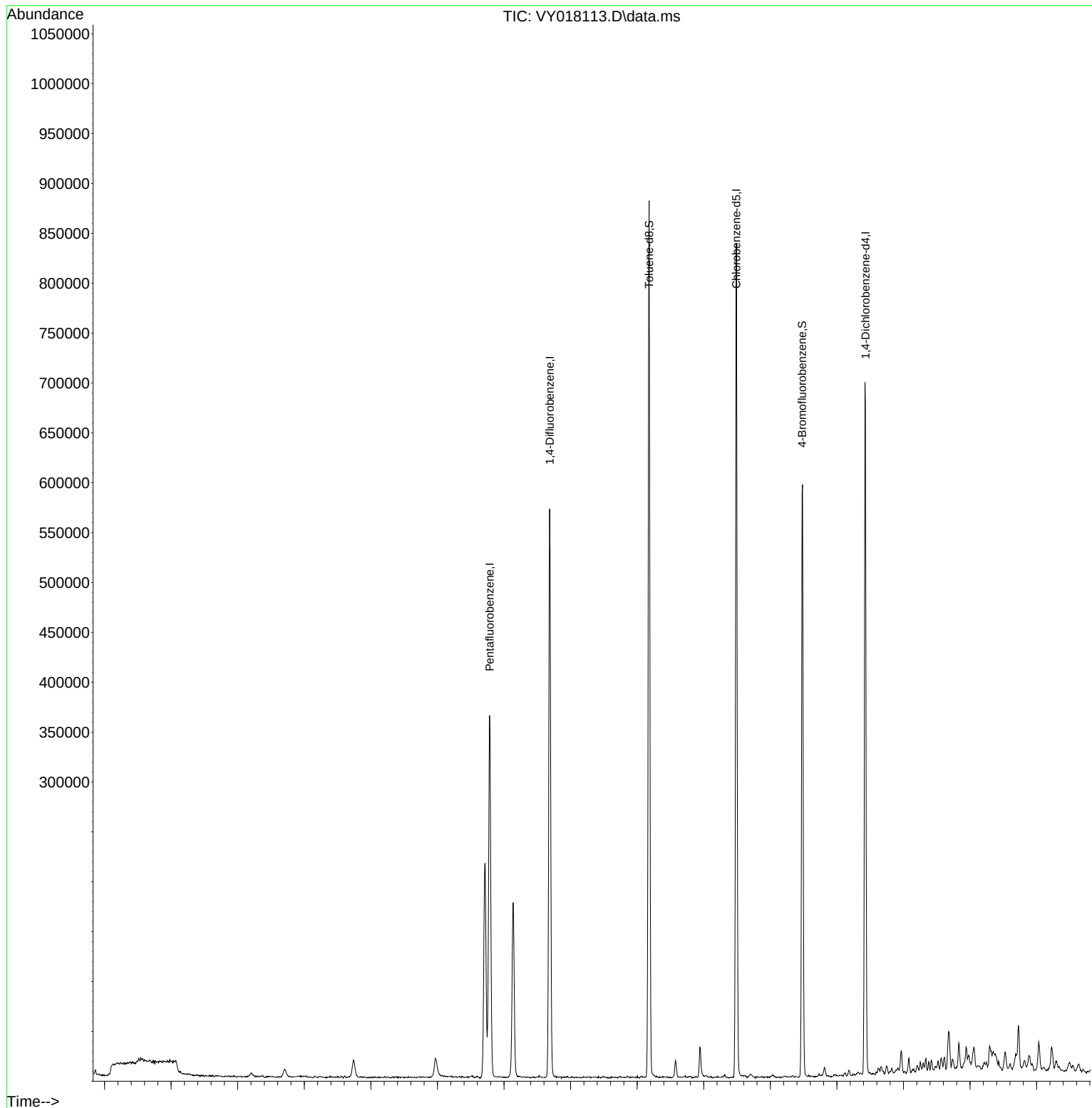
Target Compounds Qvalue

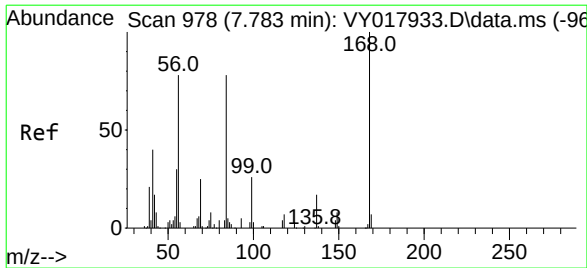
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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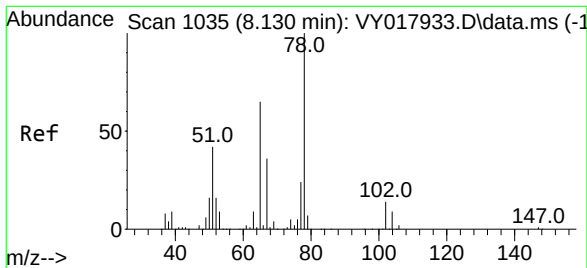
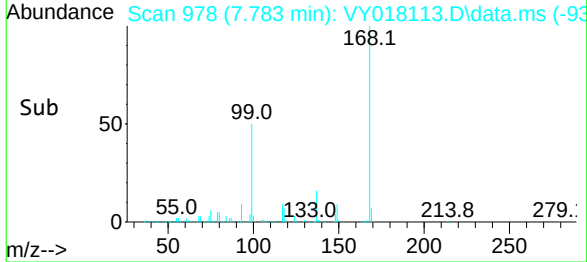
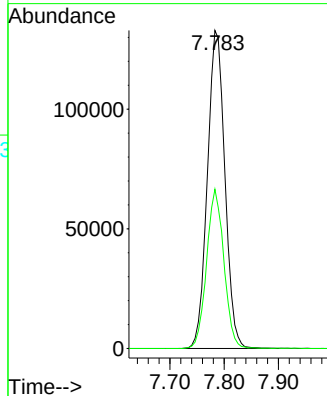
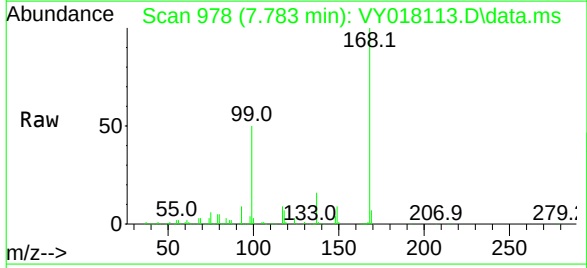




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

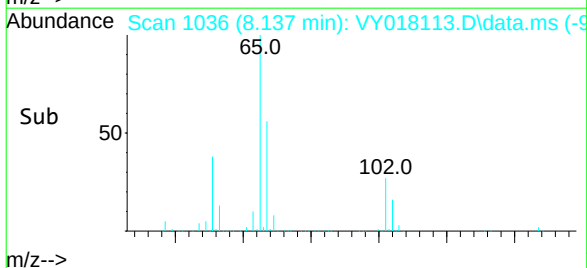
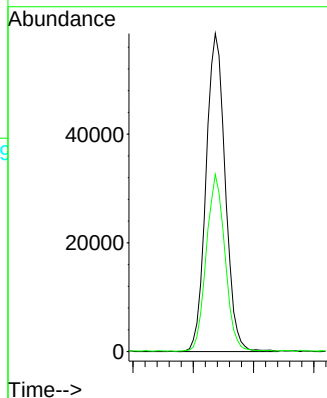
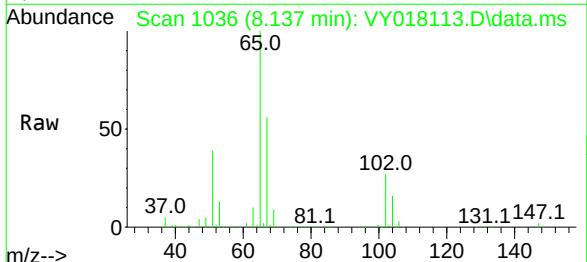
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-043024

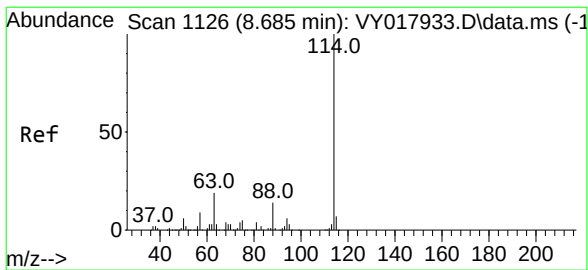
Tgt Ion:168 Resp: 298309
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.065 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018113.D
Acq: 02 May 2024 13:43

Tgt Ion: 65 Resp: 129479
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018113.D

Acq: 02 May 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-043024

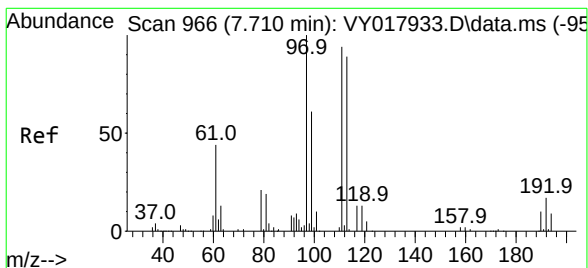
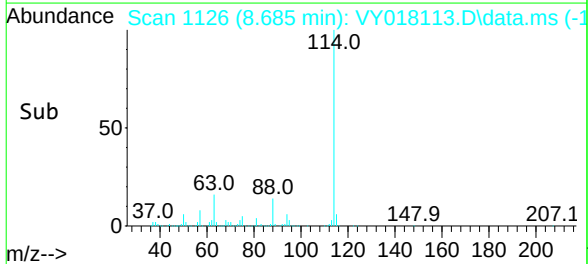
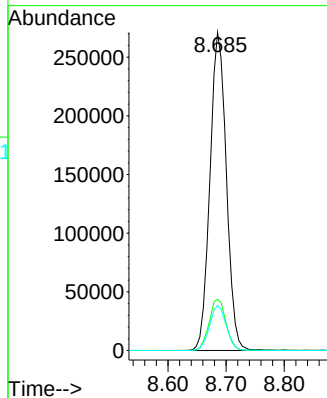
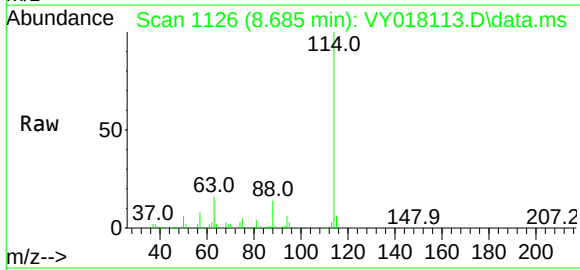
Tgt Ion:114 Resp: 531671

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018113.D

Acq: 02 May 2024 13:43

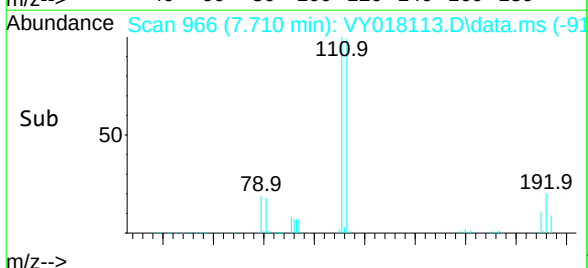
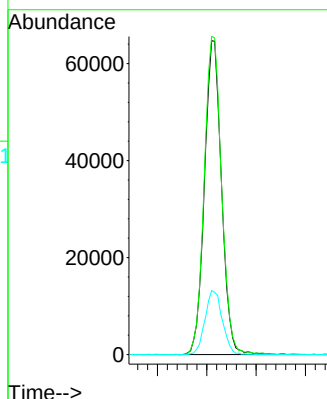
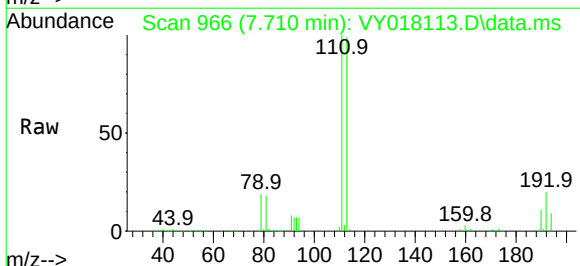
Tgt Ion:113 Resp: 155587

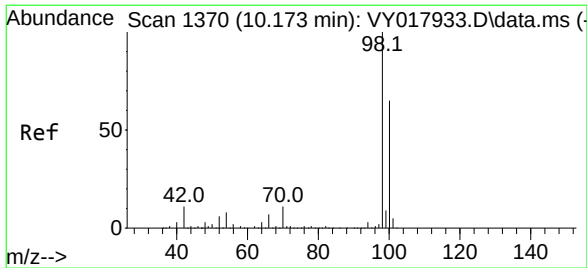
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 20.7 15.9 23.9





#50

Toluene-d8

Concen: 49.283 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018113.D

Acq: 02 May 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

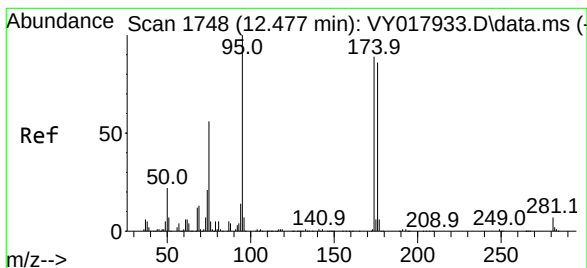
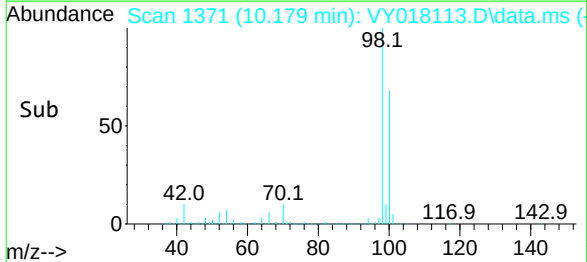
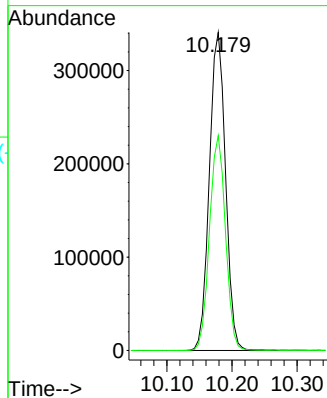
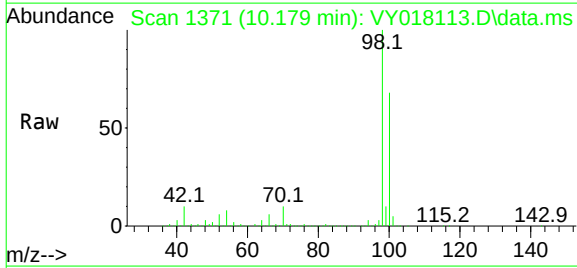
OK-02-043024

Tgt Ion: 98 Resp: 587837

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.376 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018113.D

Acq: 02 May 2024 13:43

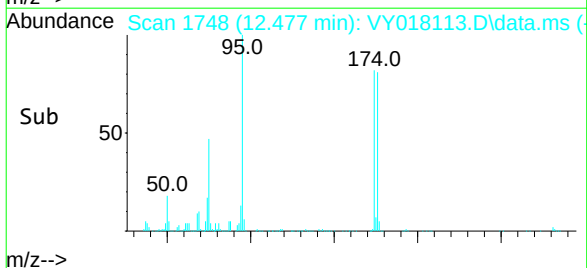
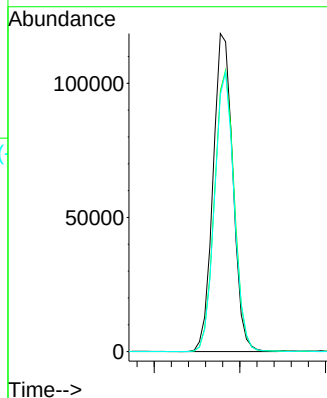
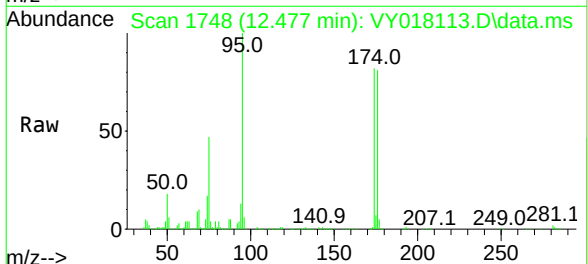
Tgt Ion: 95 Resp: 190369

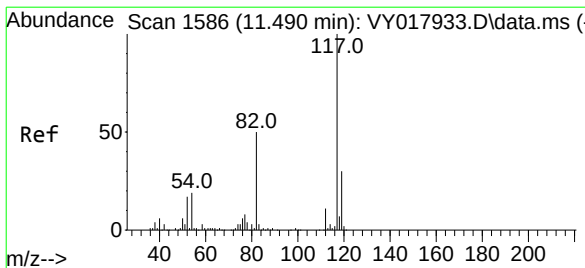
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.6

176 86.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.001 min

Lab File: VY018113.D

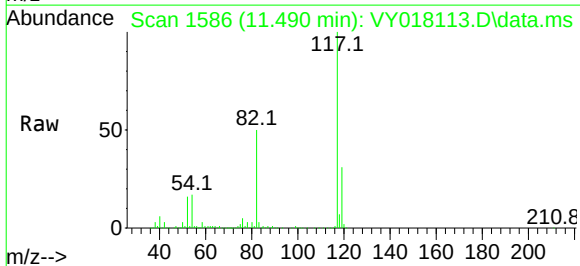
Acq: 02 May 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-043024



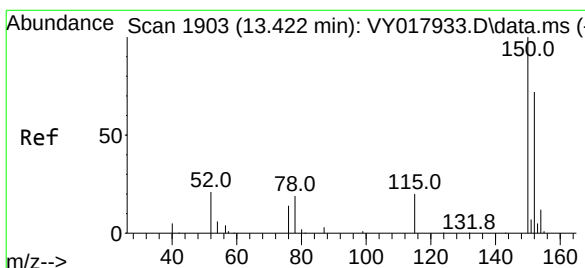
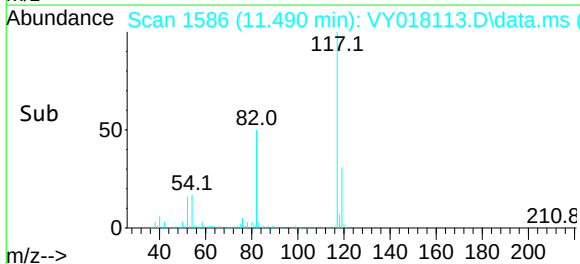
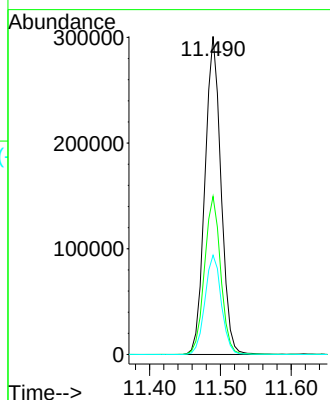
Tgt Ion:117 Resp: 474093

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018113.D

Acq: 02 May 2024 13:43

Tgt Ion:152 Resp: 192592

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.7 0.0 345.6

