

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018106.D
 Acq On : 02 May 2024 10:06
 Operator : SY/MD
 Sample : VY0502SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBL01

Quant Time: May 02 22:58:37 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	313063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	539808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129861	52.625	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.716	113	157465	50.760	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.179	98	592377	48.915	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.820%			
62) 4-Bromofluorobenzene	12.483	95	187542	44.999	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.000%			

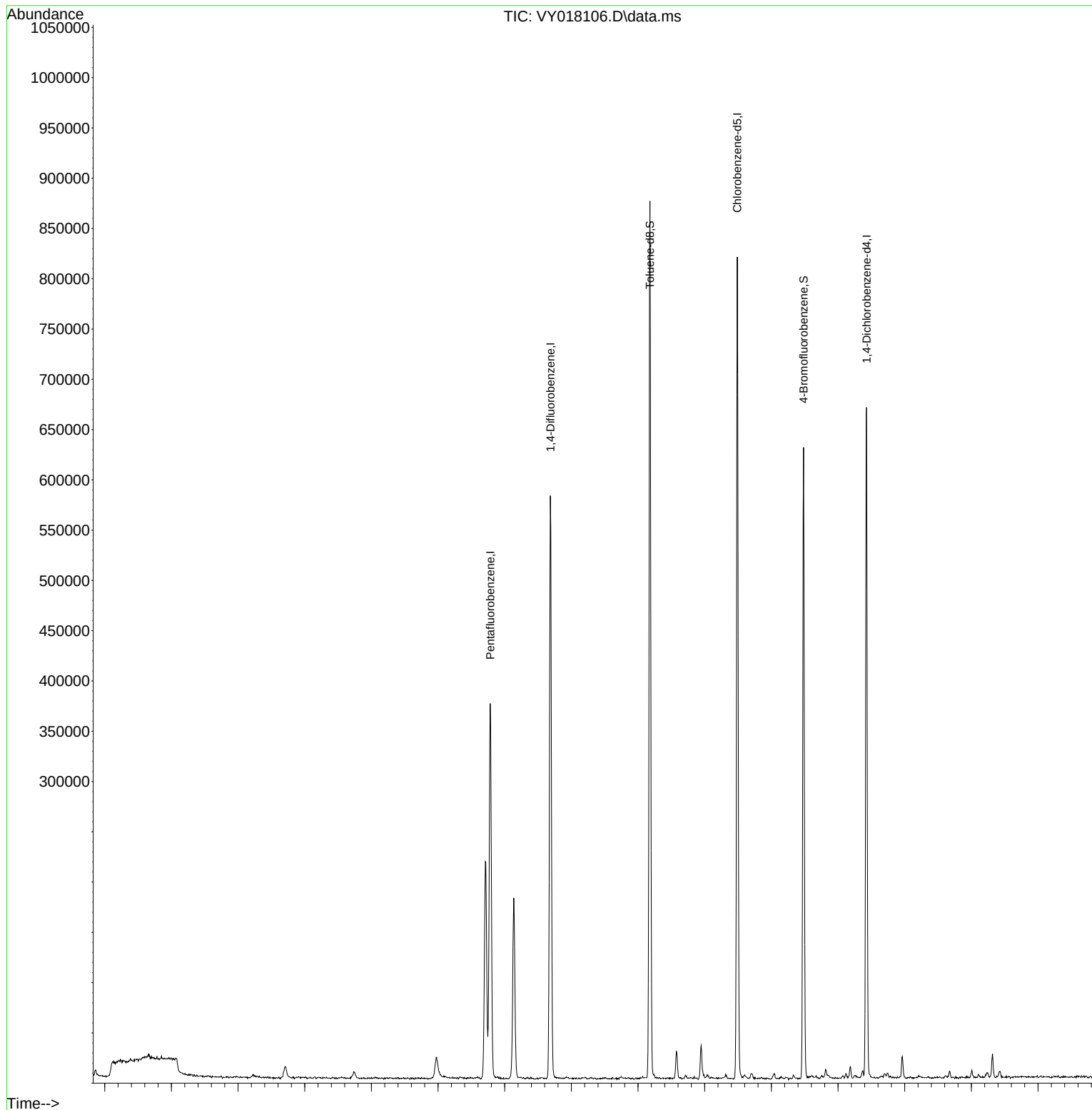
Target Compounds Qvalue

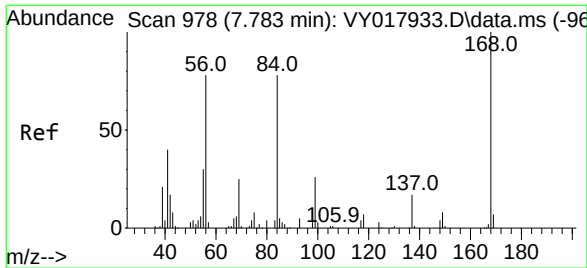
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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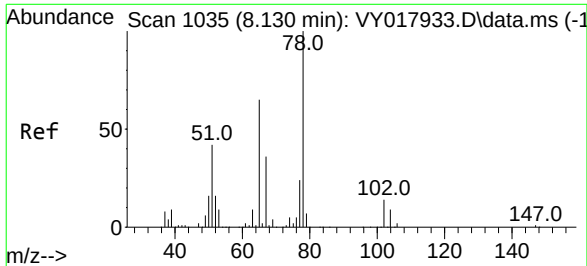
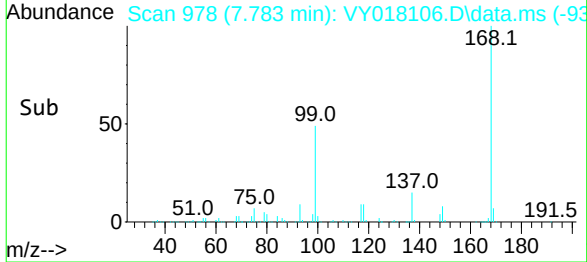
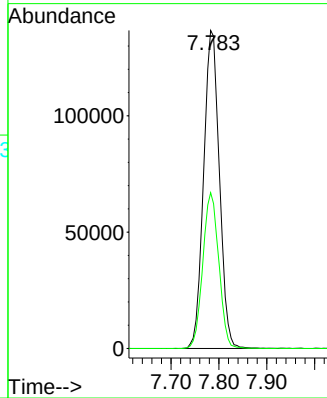
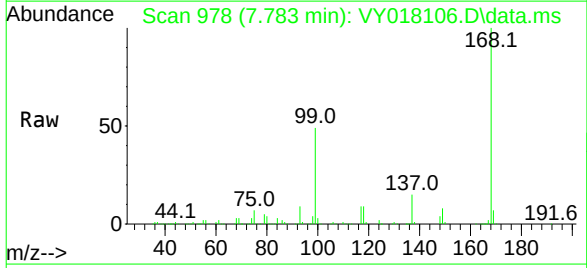




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

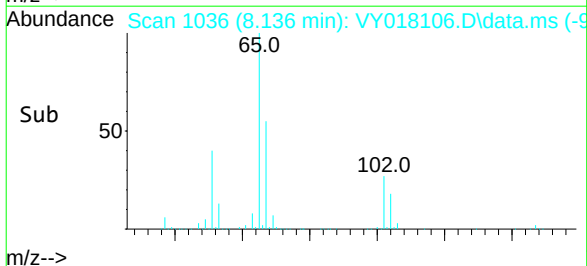
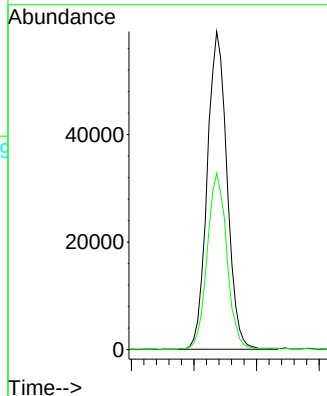
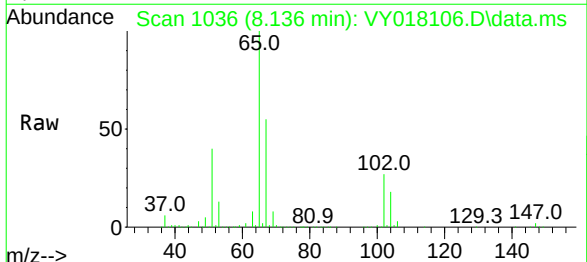
Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

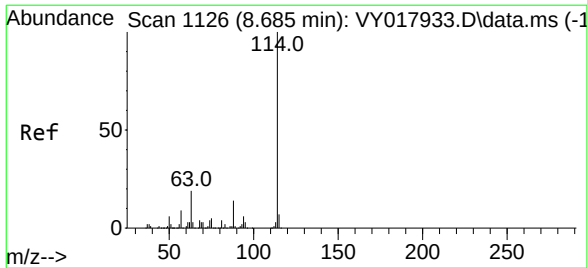
Tgt Ion:168 Resp: 313063
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.625 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion: 65 Resp: 129861
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

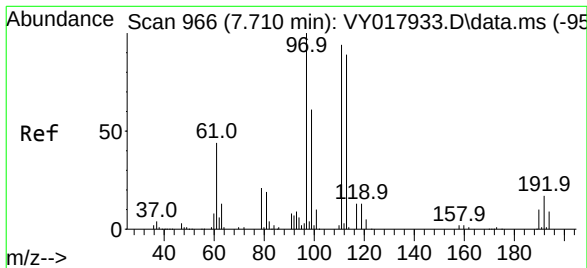
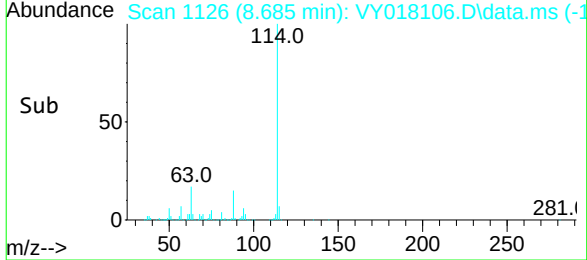
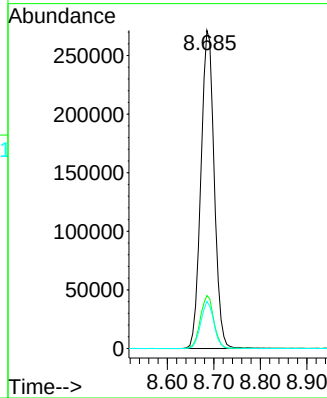
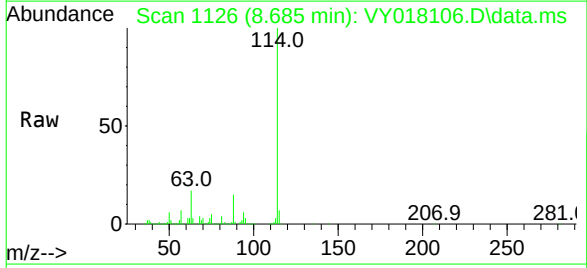




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

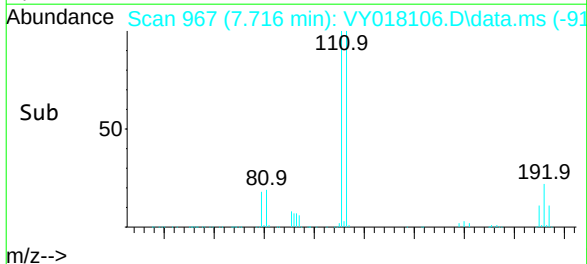
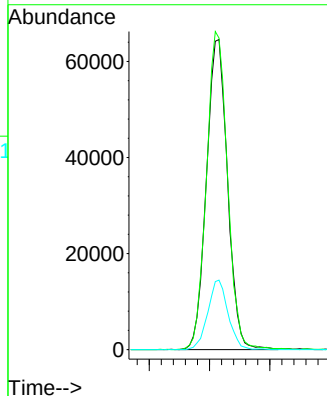
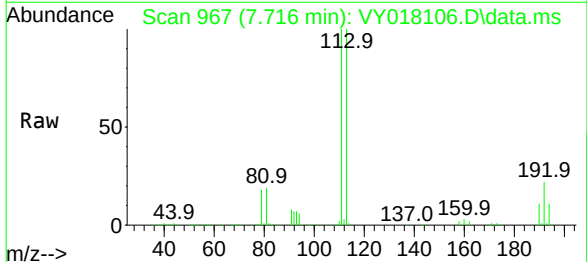
Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

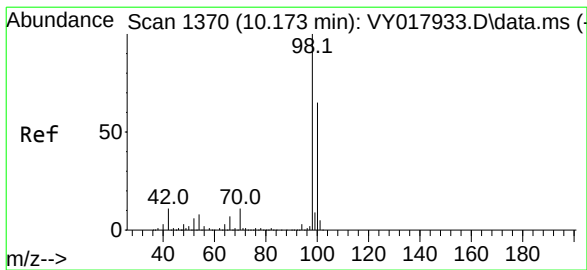
Tgt Ion:114 Resp: 539808
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.760 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion:113 Resp: 157465
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.4 15.9 23.9





#50

Toluene-d8

Concen: 48.915 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

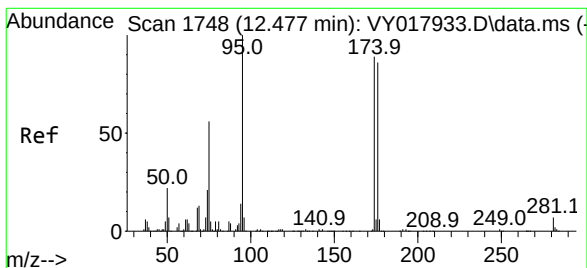
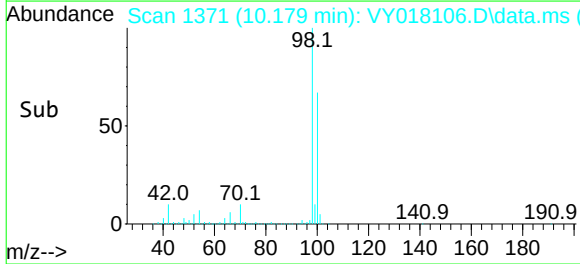
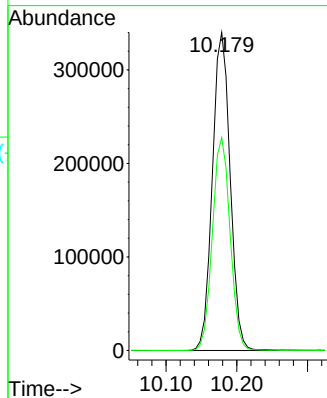
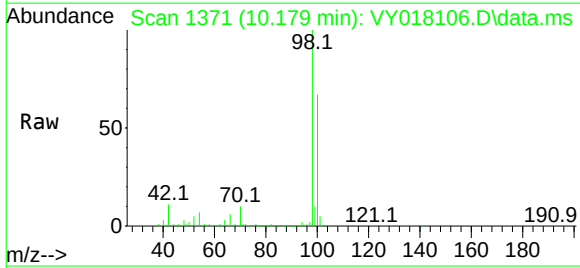
VY0502SBL01

Tgt Ion: 98 Resp: 592377

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.999 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

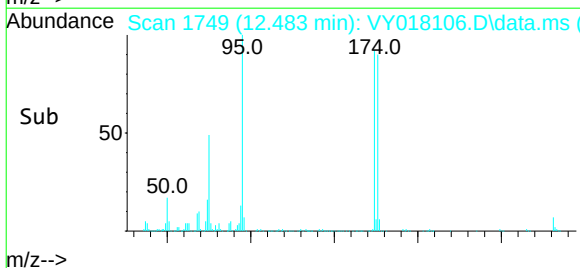
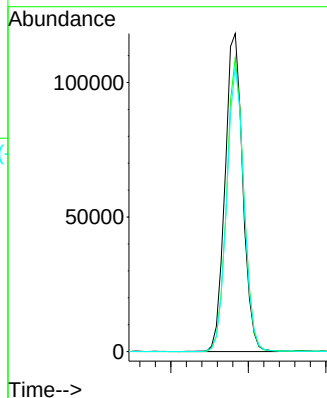
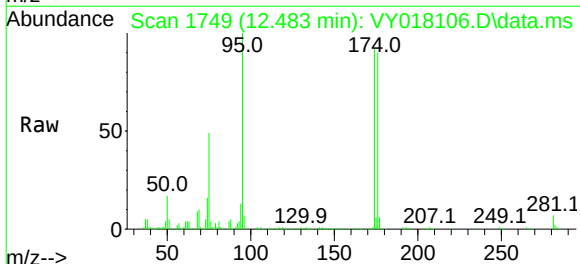
Tgt Ion: 95 Resp: 187542

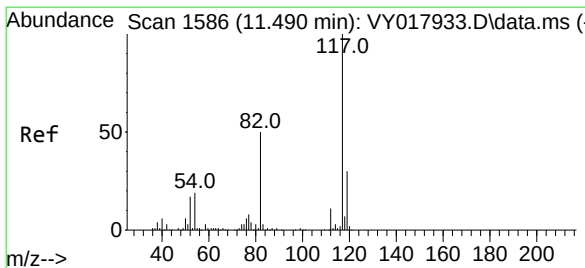
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.6

176 87.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0502SBL01

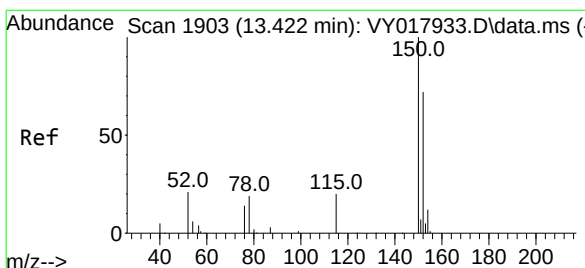
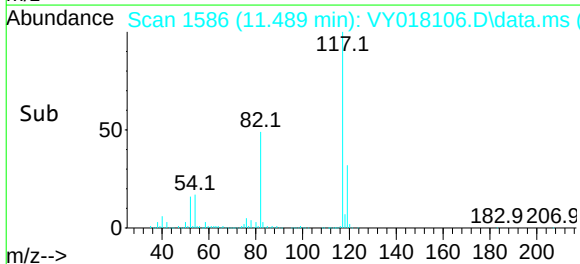
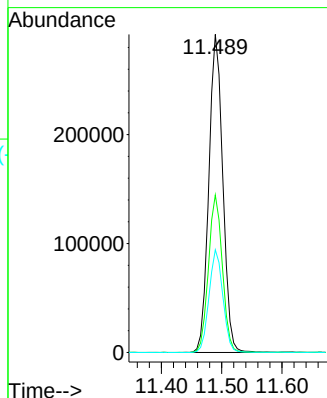
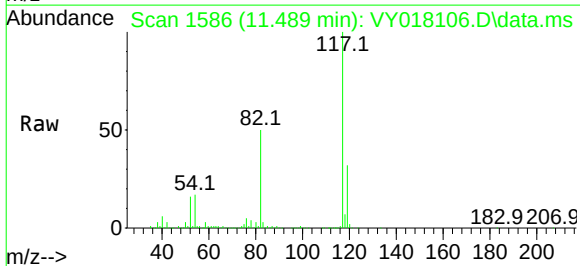
Tgt Ion:117 Resp: 470089

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.3 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: VY018106.D

Acq: 02 May 2024 10:06

Tgt Ion:152 Resp: 186183

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 155.6 0.0 345.6

