

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018115.D
 Acq On : 02 May 2024 14:31
 Operator : SY/MD
 Sample : P2311-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 02 23:04:08 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	292582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	517378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	448128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119483	51.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.620%
35) Dibromofluoromethane	7.710	113	148558	49.965	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.179	98	563783	48.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	177146	44.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.700%

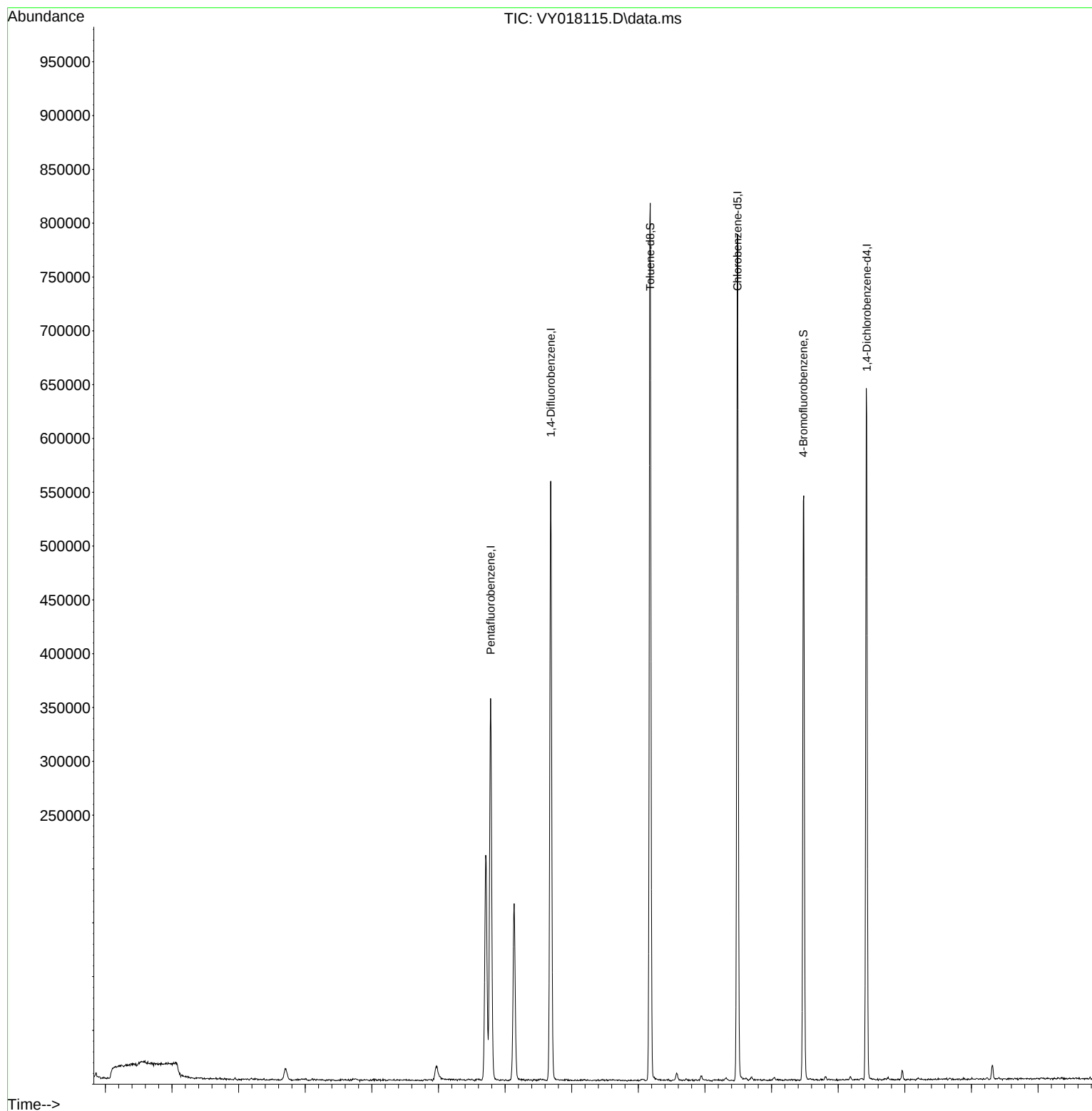
Target Compounds	Qvalue

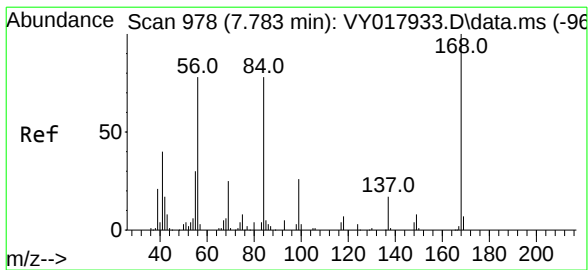
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY018115.D

Acq: 02 May 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

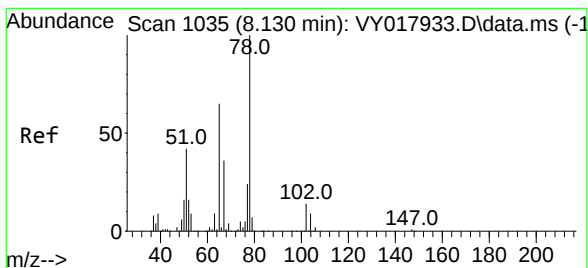
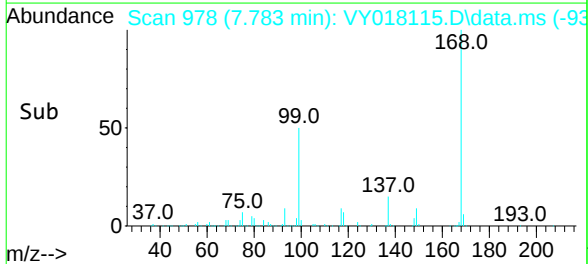
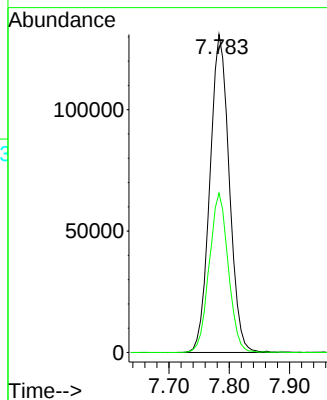
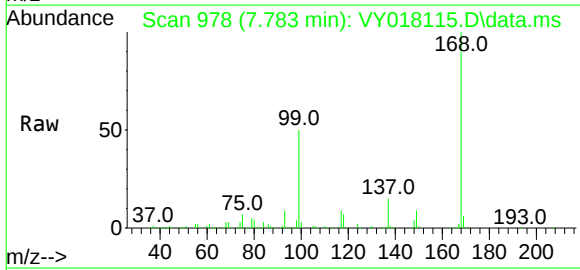
VOC

Tgt Ion:168 Resp: 292582

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 51.809 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY018115.D

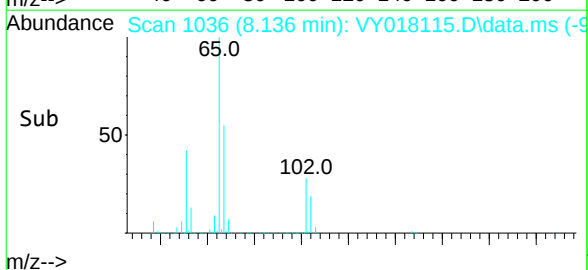
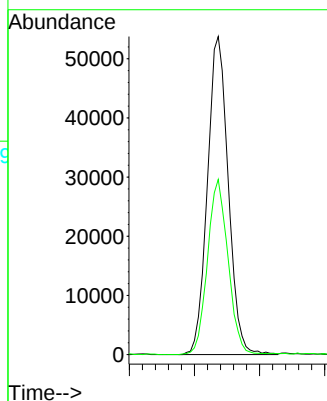
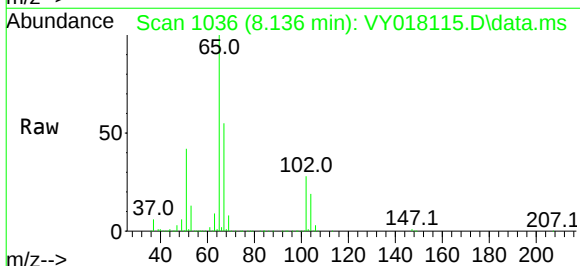
Acq: 02 May 2024 14:31

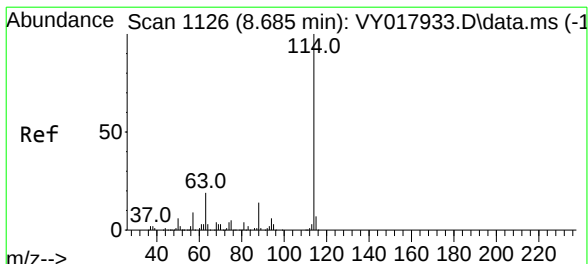
Tgt Ion: 65 Resp: 119483

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6

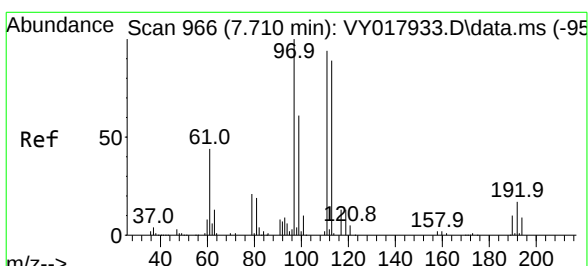
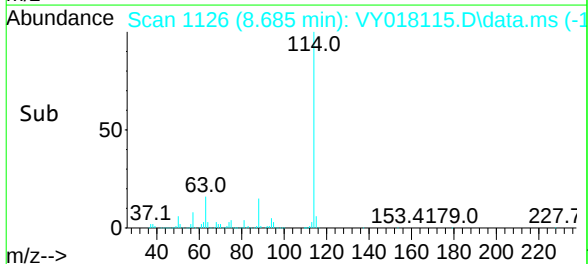
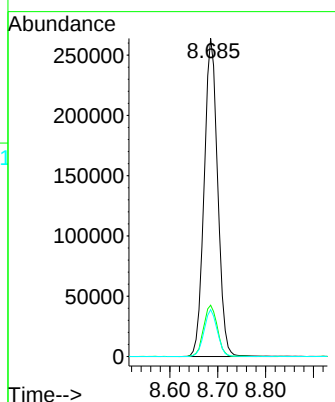
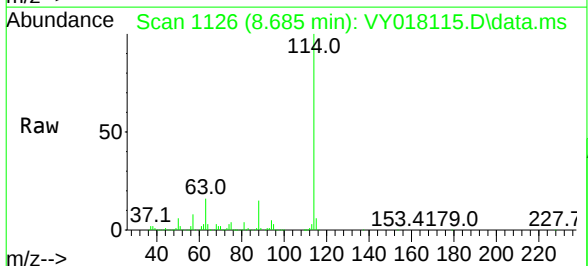




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018115.D
 Acq: 02 May 2024 14:31

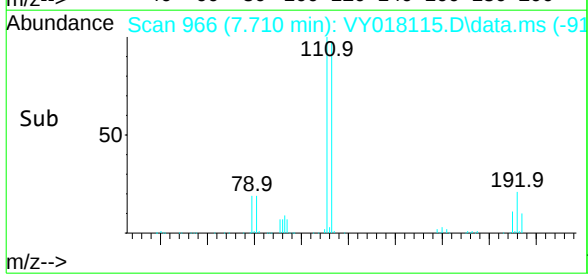
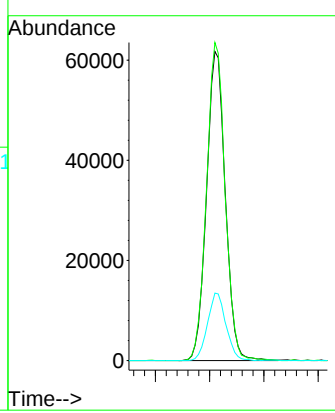
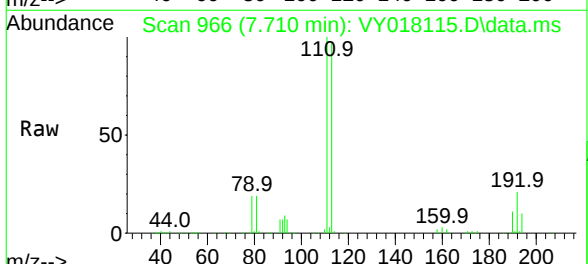
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

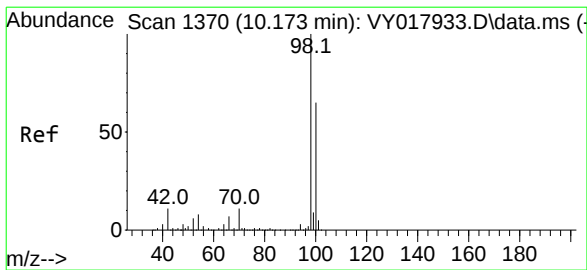
Tgt Ion:	114	Resp:	517378
Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	35.0
88	14.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.965 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018115.D
 Acq: 02 May 2024 14:31

Tgt Ion:	113	Resp:	148558
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	21.4	15.9	23.9





#50

Toluene-d8

Concen: 48.572 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018115.D

Acq: 02 May 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

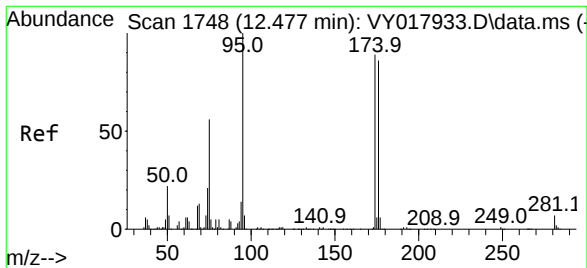
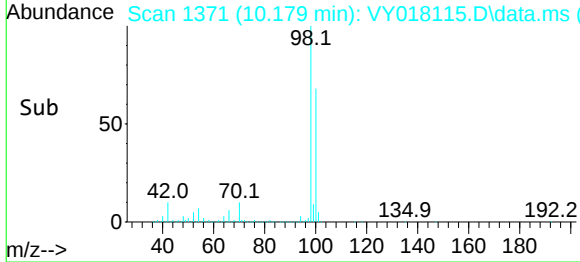
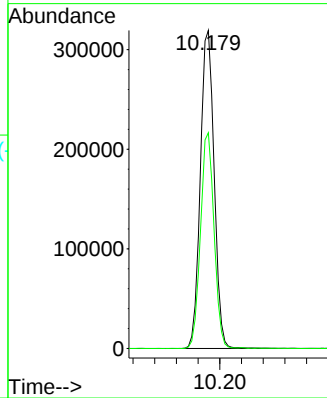
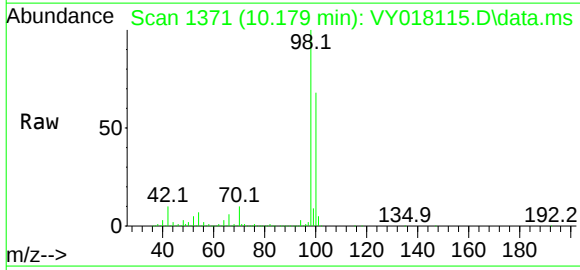
VOC

Tgt Ion: 98 Resp: 563783

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.347 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018115.D

Acq: 02 May 2024 14:31

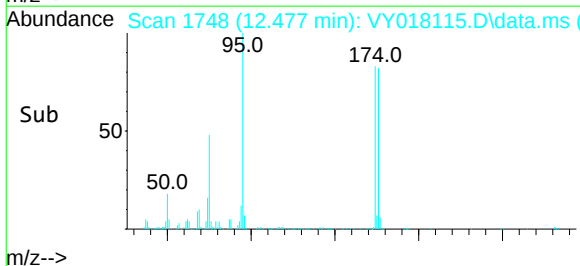
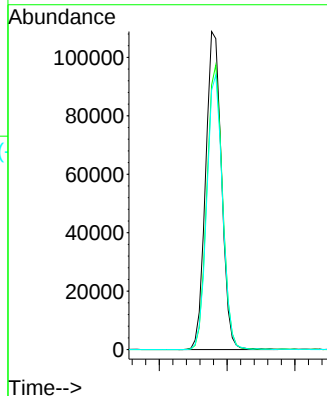
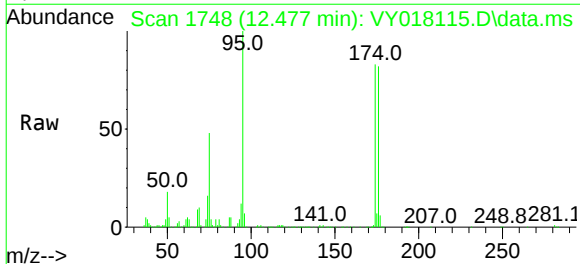
Tgt Ion: 95 Resp: 177146

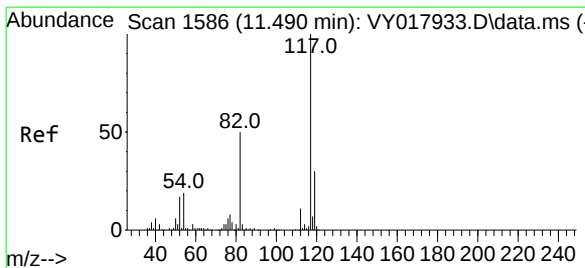
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 85.1 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: VY018115.D

Acq: 02 May 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VOC

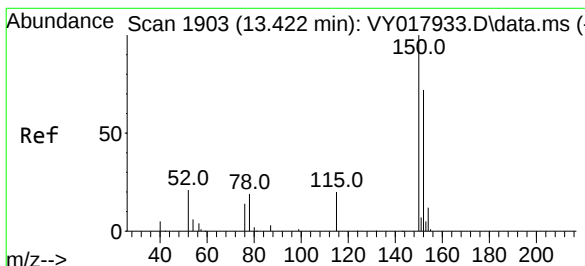
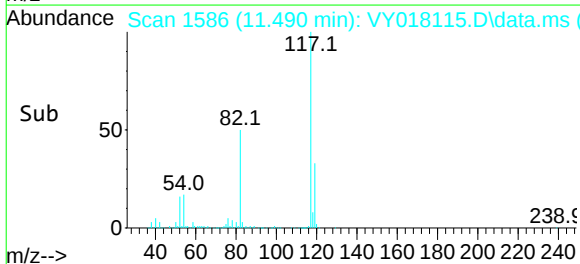
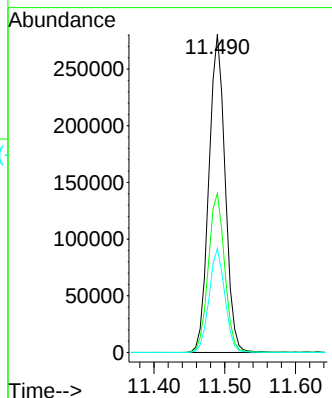
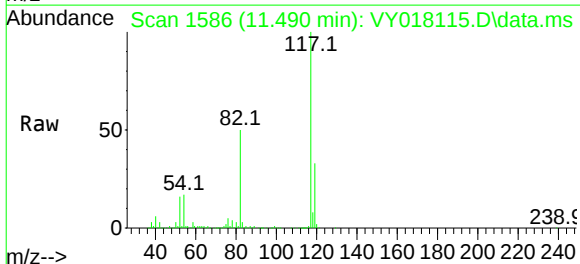
Tgt Ion:117 Resp: 448128

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 32.7 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: VY018115.D

Acq: 02 May 2024 14:31

Tgt Ion:152 Resp: 177609

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 157.2 0.0 345.6

