

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018153.D
 Acq On : 06 May 2024 10:37
 Operator : SY/MD
 Sample : VY0506SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

Quant Time: May 06 23:43:14 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	7.789	168	260357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103919	50.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.280%
35) Dibromofluoromethane	7.716	113	130379	50.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.360%
50) Toluene-d8	10.179	98	500301	49.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.483	95	150941	43.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.480%

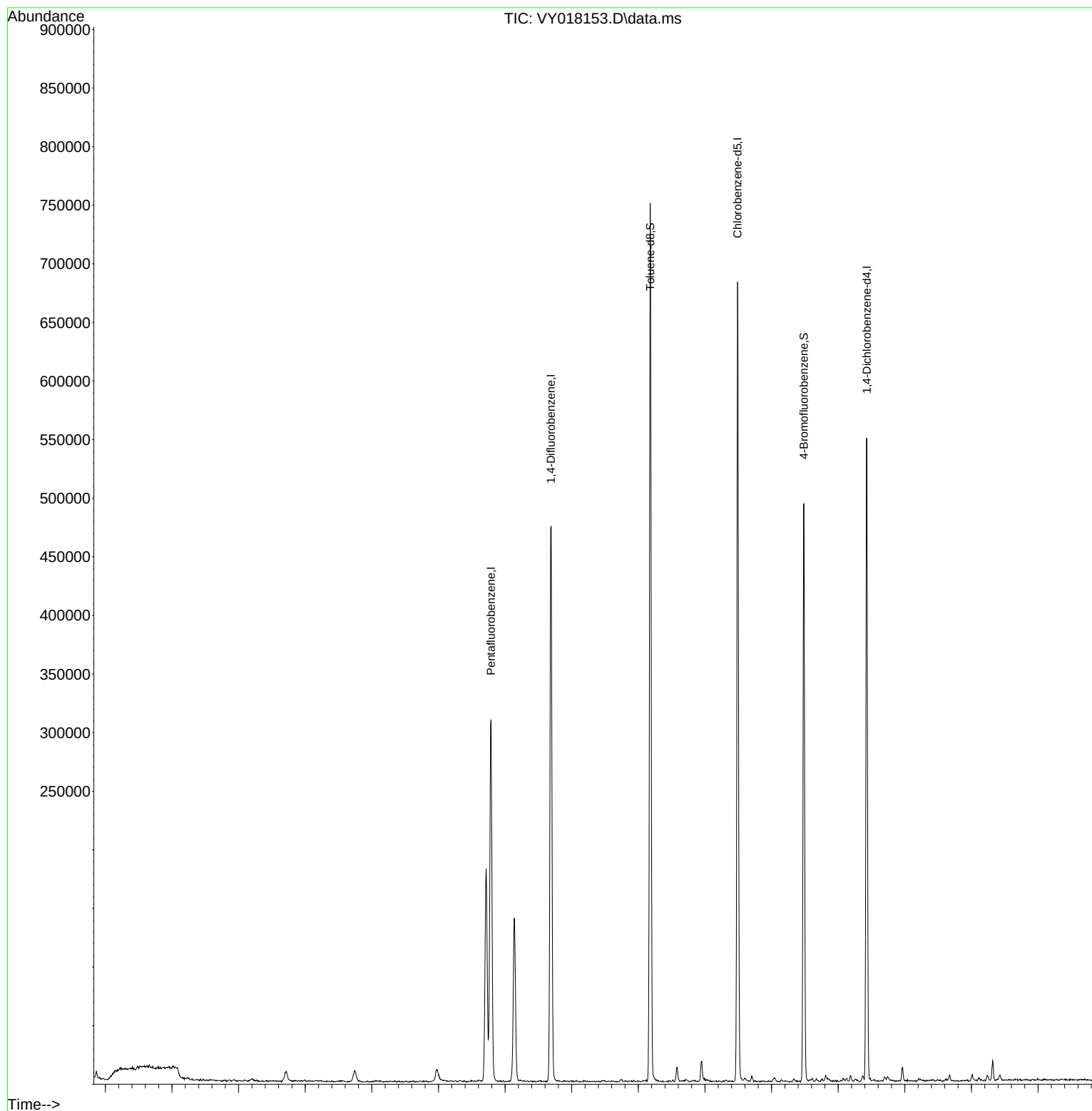
Target Compounds Qvalue

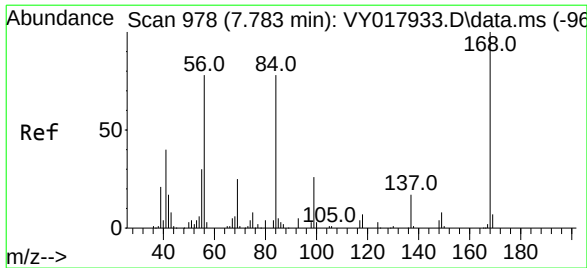
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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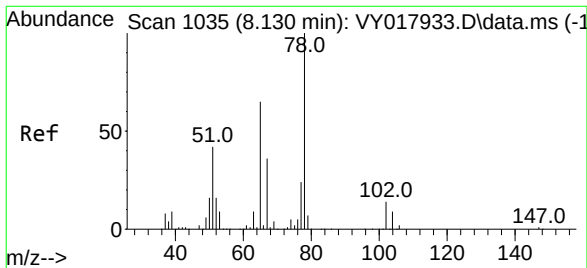
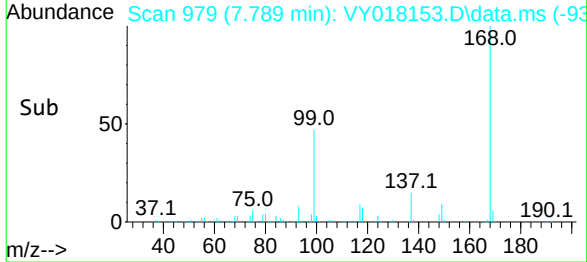
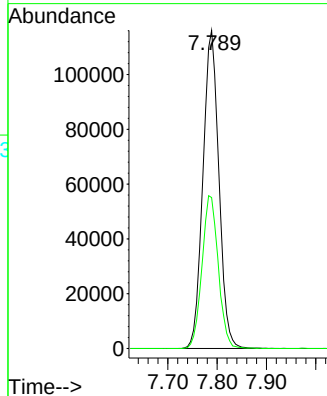
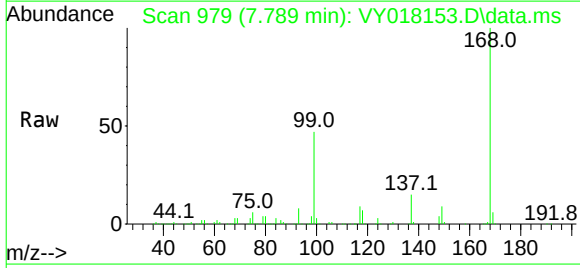




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 97
Delta R.T. -0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

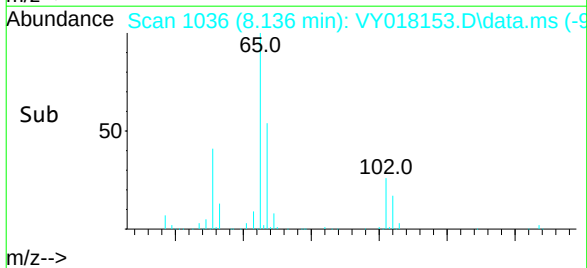
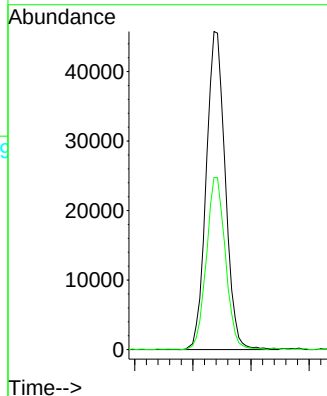
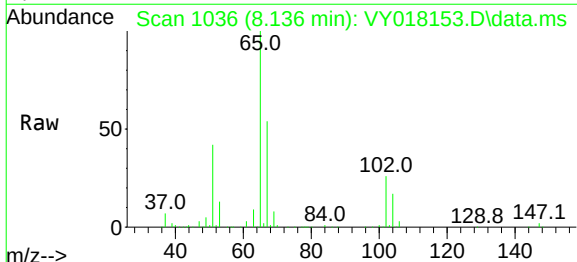
Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

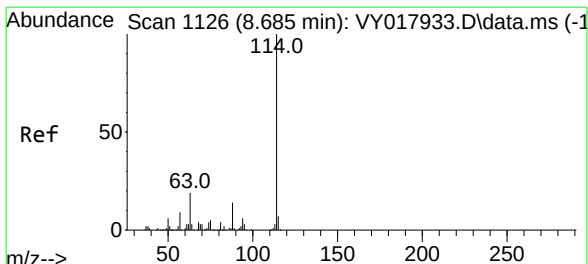
Tgt Ion:168 Resp: 260357
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion: 65 Resp: 103919
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

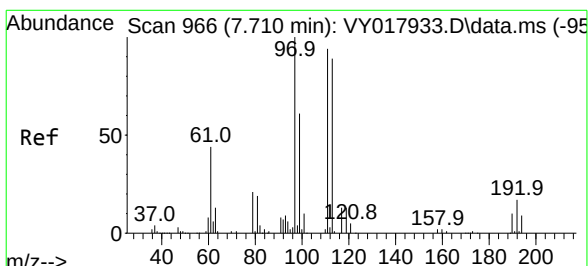
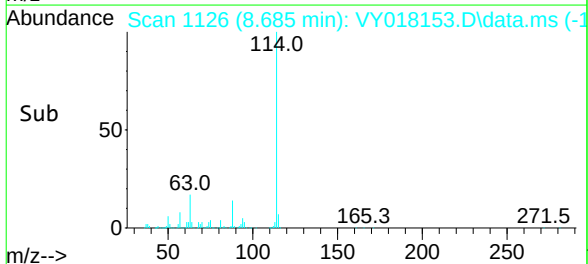
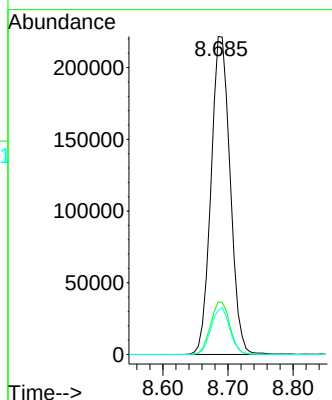
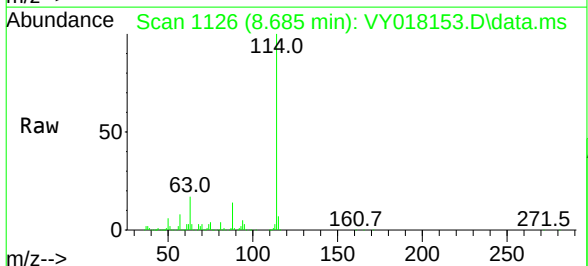




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018153.D
 Acq: 06 May 2024 10:37

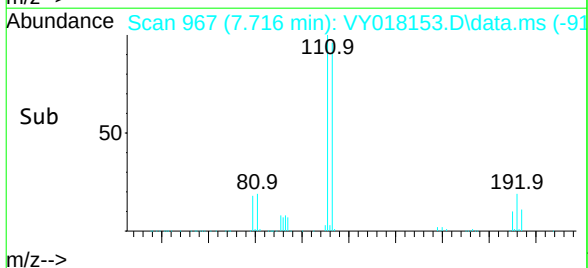
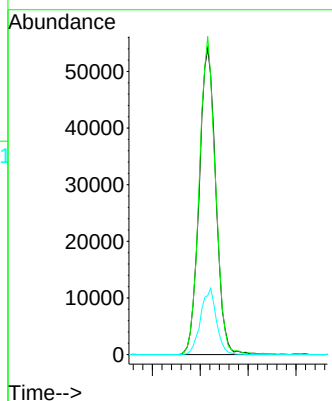
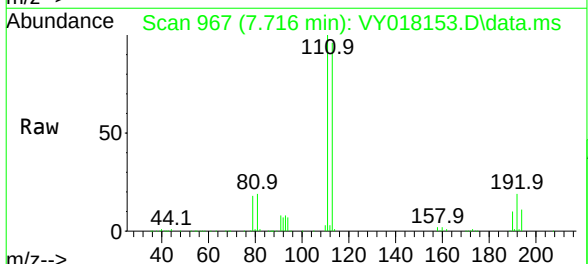
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBL01

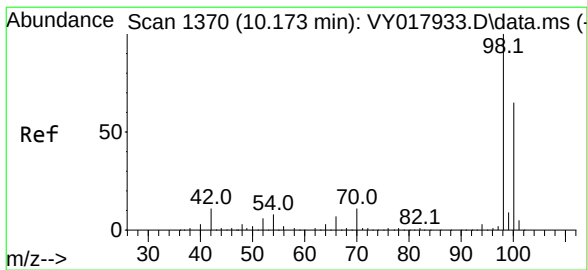
Tgt Ion:	114	Resp:	452146
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.0
88	13.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 50.178 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY018153.D
 Acq: 06 May 2024 10:37

Tgt Ion:	113	Resp:	130379
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	20.5	15.9	23.9





#50

Toluene-d8

Concen: 49.321 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018153.D

Acq: 06 May 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

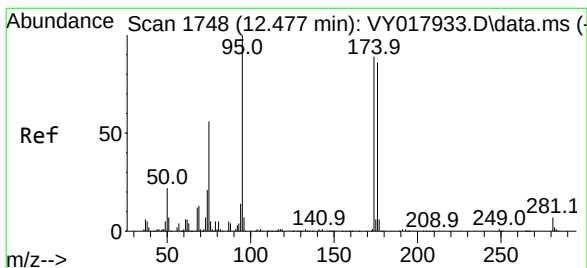
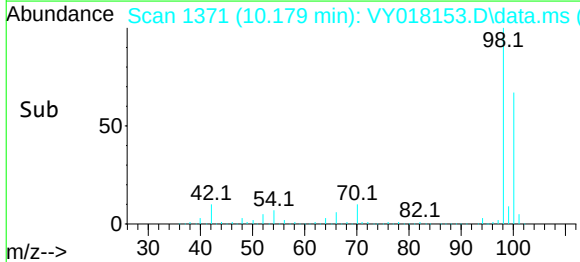
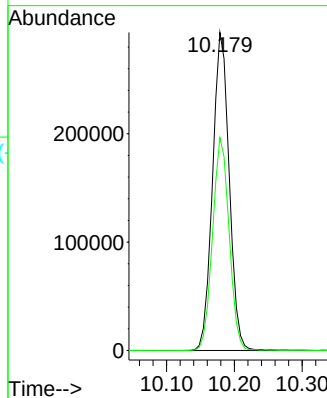
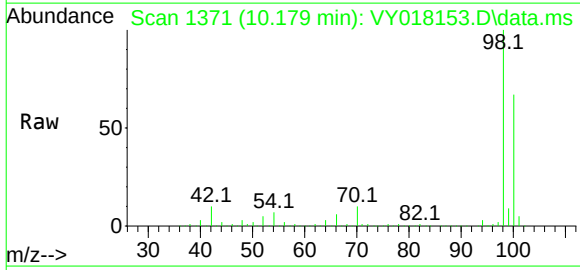
VY0506SBL01

Tgt Ion: 98 Resp: 500301

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.238 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018153.D

Acq: 06 May 2024 10:37

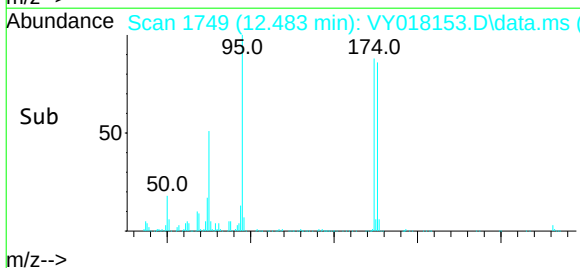
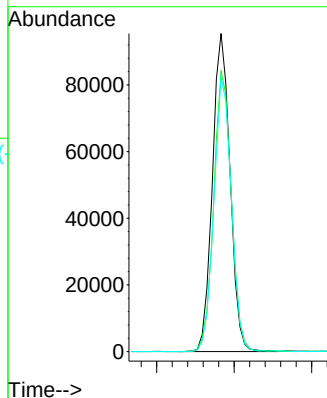
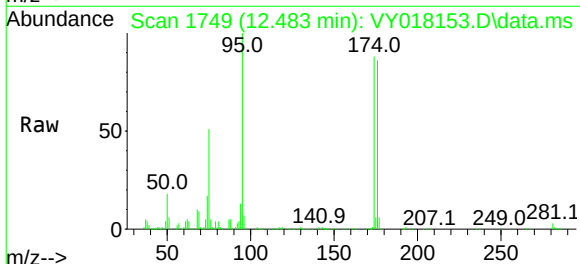
Tgt Ion: 95 Resp: 150941

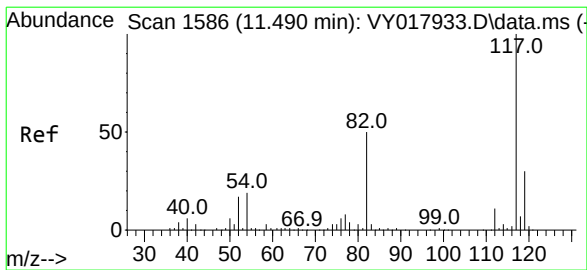
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 85.8 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: VY018153.D

Acq: 06 May 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0506SBL01

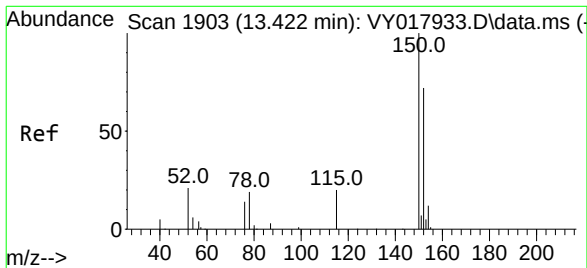
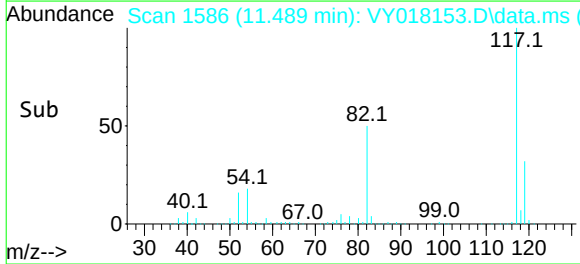
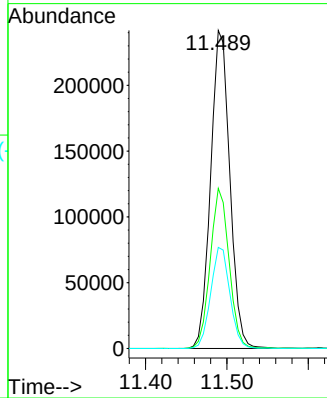
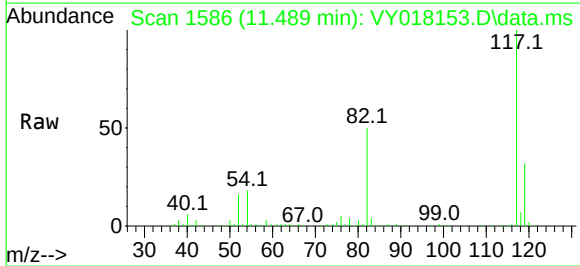
Tgt Ion:117 Resp: 395951

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 31.8 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: VY018153.D

Acq: 06 May 2024 10:37

Tgt Ion:152 Resp: 151618

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 155.5 0.0 345.6

