

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018139.D
 Acq On : 03 May 2024 13:46
 Operator : SY/MD
 Sample : P2332-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-DIS-02-05012024

Quant Time: May 06 02:57:03 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	236470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	422451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	372628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102159	54.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.620%
35) Dibromofluoromethane	7.710	113	123922	51.045	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.179	98	470199	49.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	148559	45.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.100%

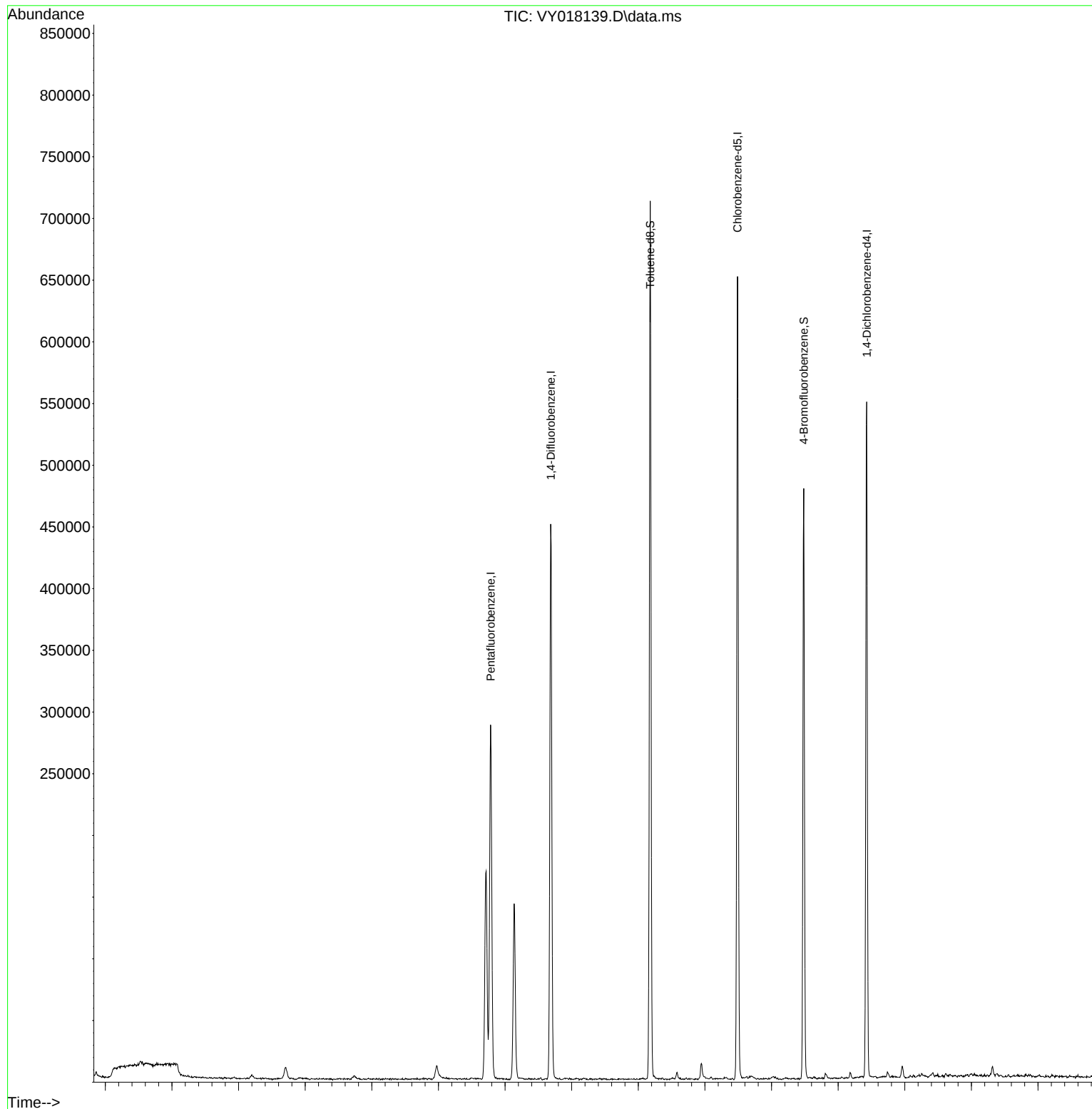
Target Compounds Qvalue

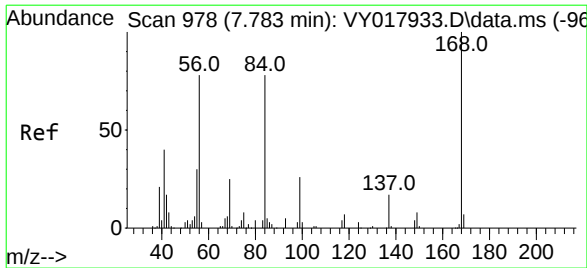
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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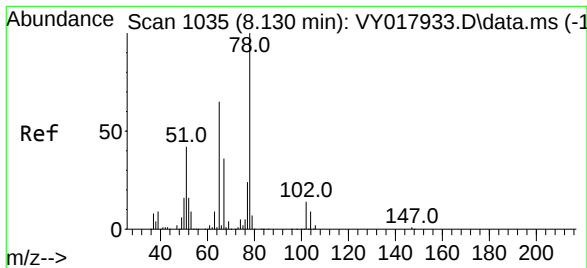
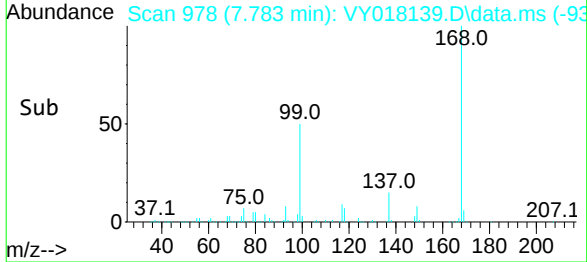
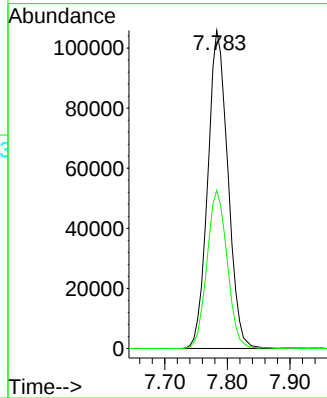
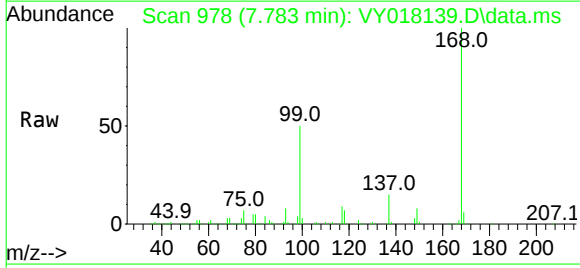




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

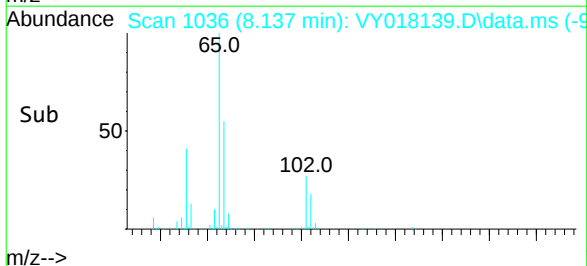
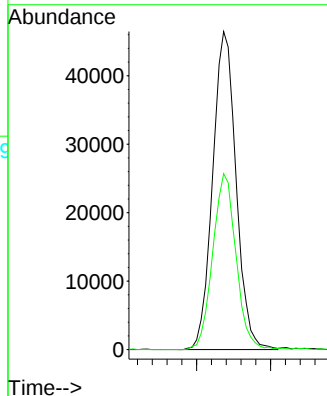
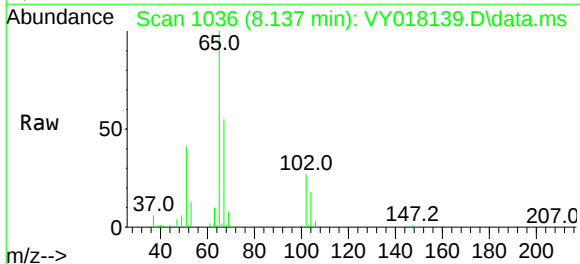
Instrument :
MSVOA_Y
ClientSampleId :
PAT-DIS-02-05012024

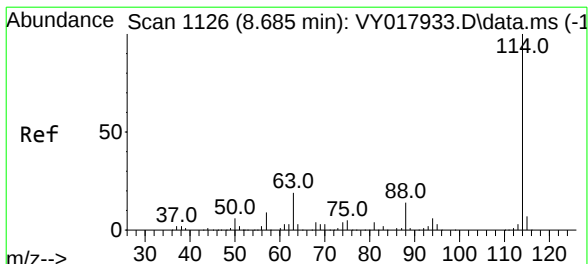
Tgt Ion:168 Resp: 236470
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.808 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Tgt Ion: 65 Resp: 102159
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

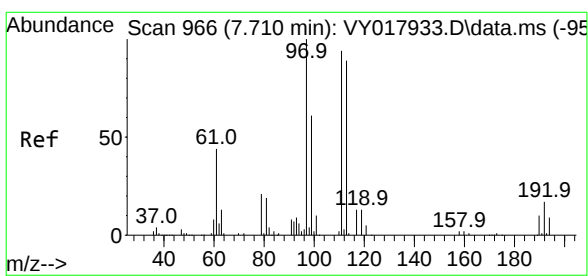
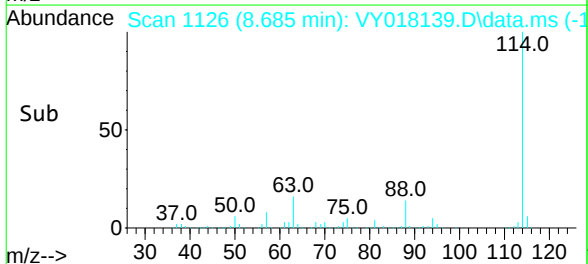
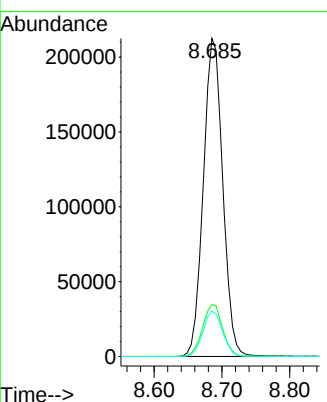
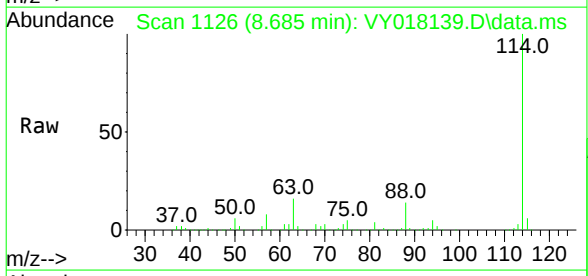




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018139.D
 Acq: 03 May 2024 13:46

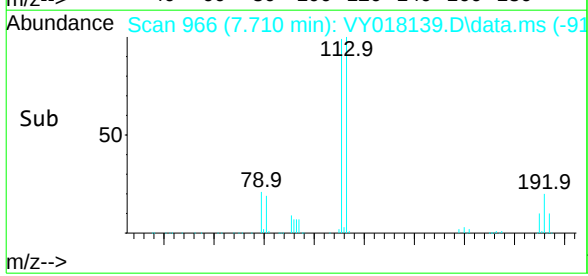
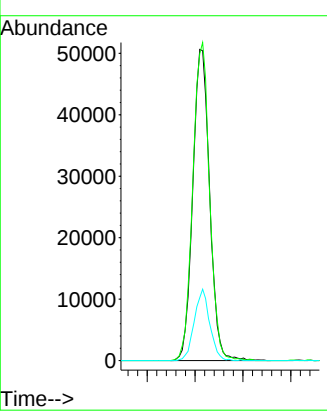
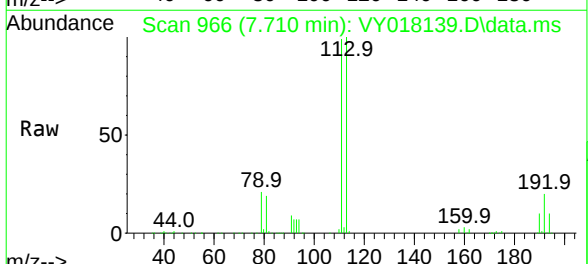
Instrument : MSVOA_Y
 ClientSampleId : PAT-DIS-02-05012024

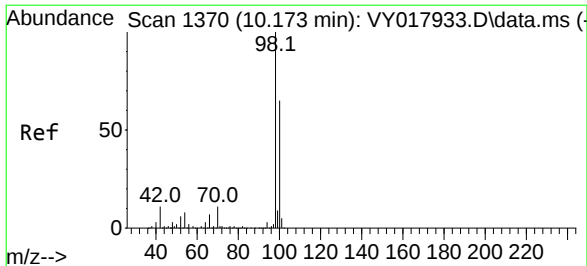
Tgt Ion:	114	Resp:	422451
Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	35.0
88	14.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.045 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018139.D
 Acq: 03 May 2024 13:46

Tgt Ion:	113	Resp:	123922
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	21.0	15.9	23.9





#50

Toluene-d8

Concen: 49.612 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

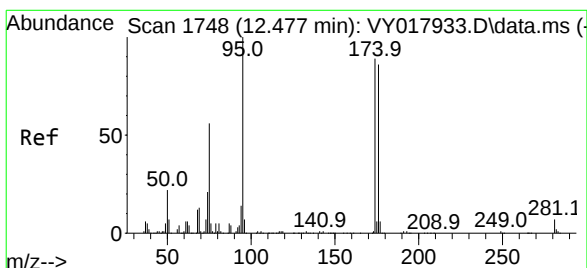
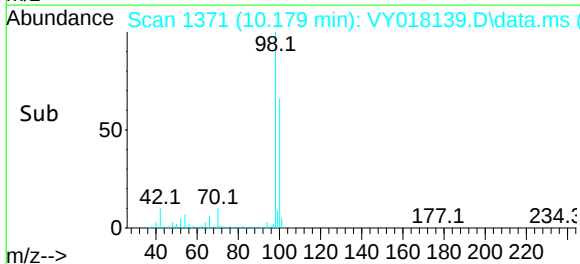
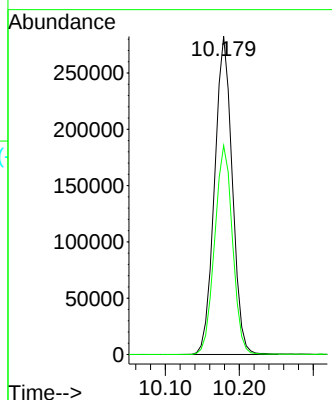
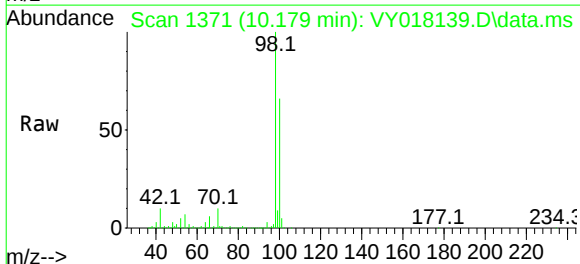
PAT-DIS-02-05012024

Tgt Ion: 98 Resp: 470199

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

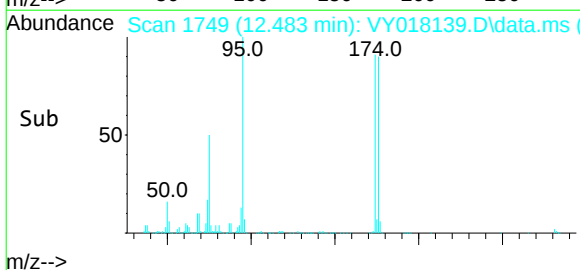
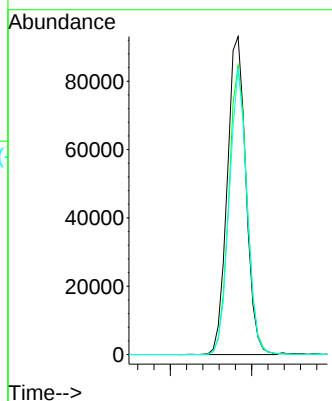
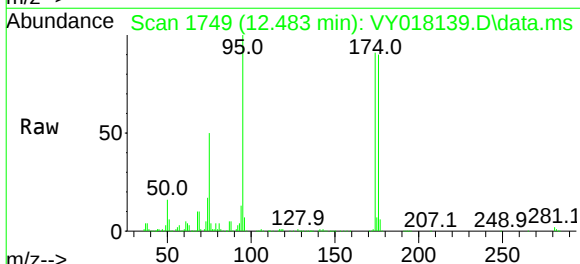
Tgt Ion: 95 Resp: 148559

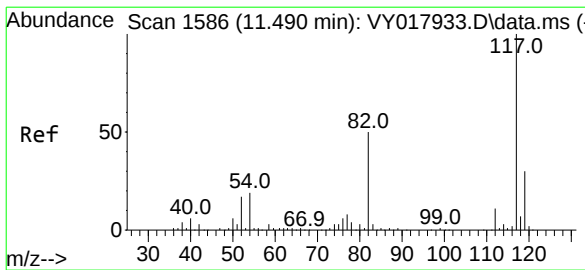
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 85.5 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: VY018139.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

PAT-DIS-02-05012024

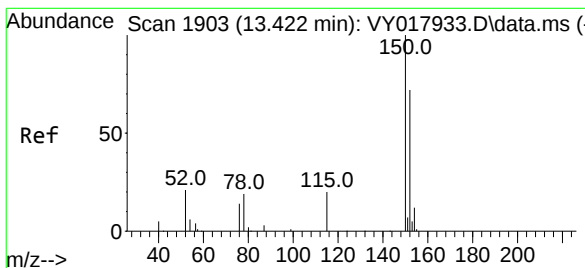
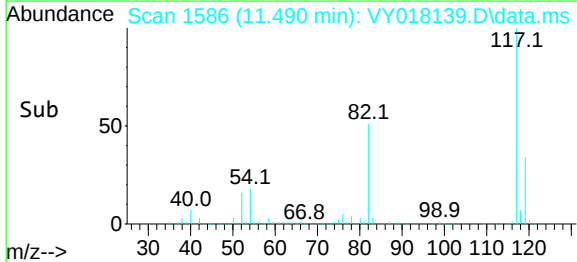
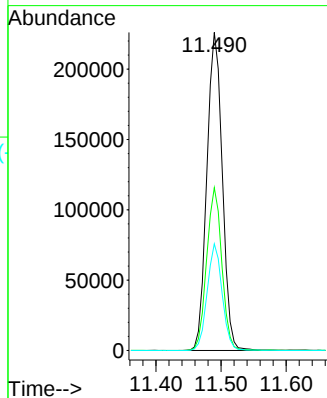
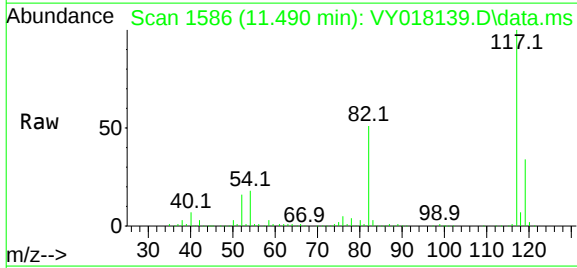
Tgt Ion:117 Resp: 372628

Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 33.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

Tgt Ion:152 Resp: 150540

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 156.4 0.0 345.6

