

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018187.D
 Acq On : 08 May 2024 14:45
 Operator : SY/MD
 Sample : P2408-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN-1

Quant Time: May 09 02:26:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	73052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	92307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27034	50.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.600%
35) Dibromofluoromethane	7.710	113	32638	51.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.179	98	129562	51.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.477	95	34054	42.250	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.500%

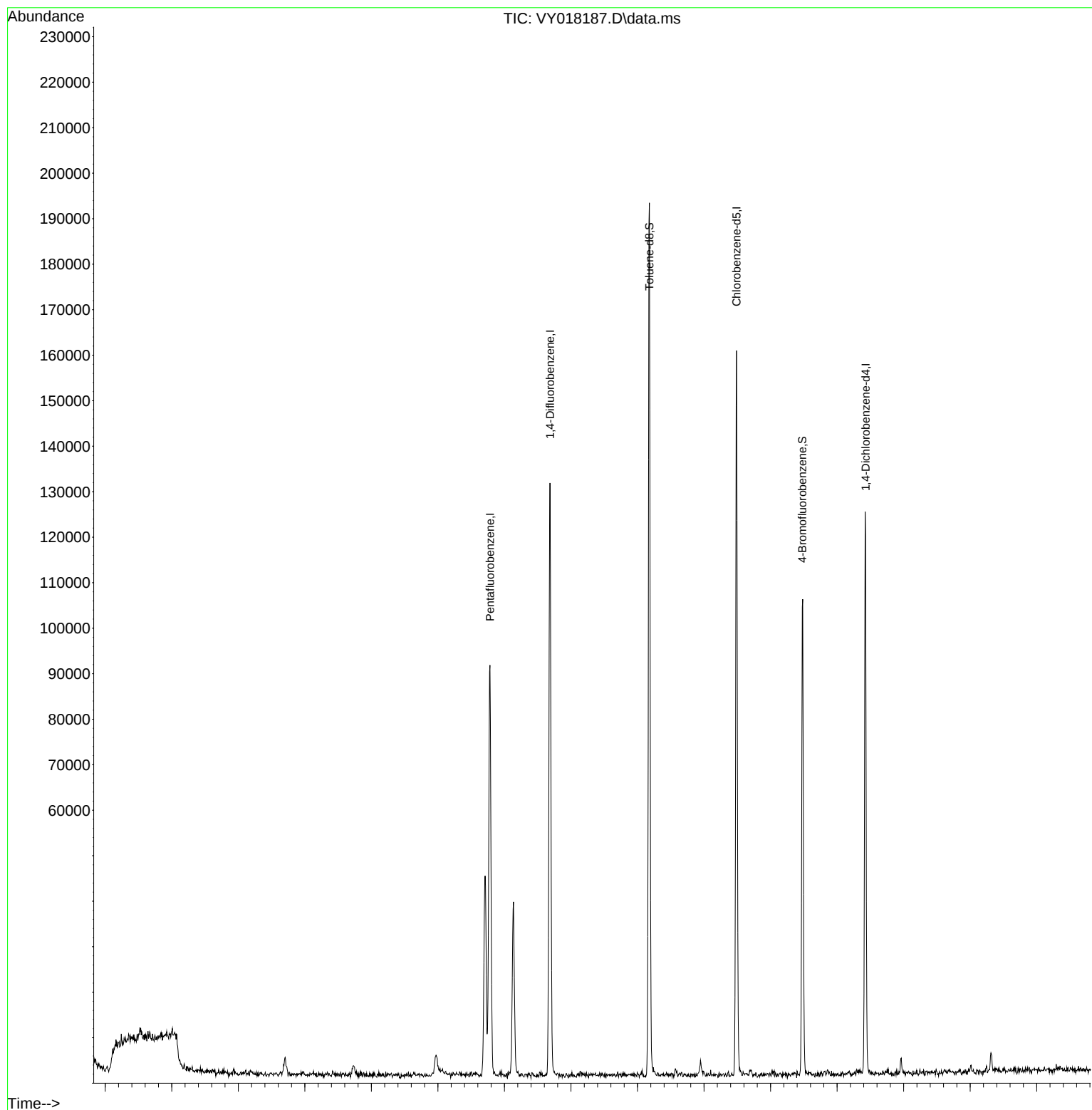
Target Compounds Qvalue

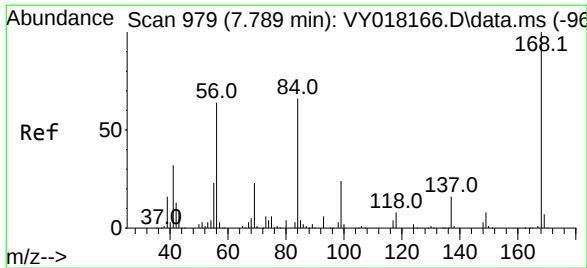
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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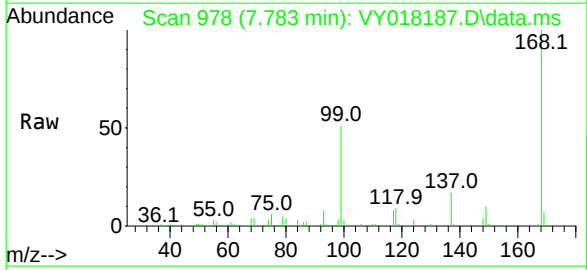
Quant Time: May 09 02:26:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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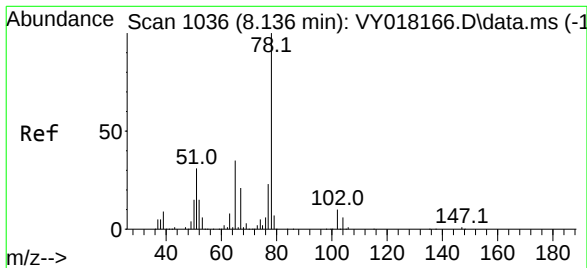
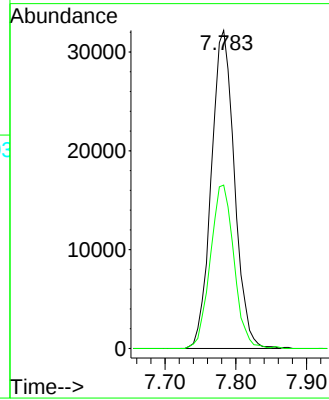
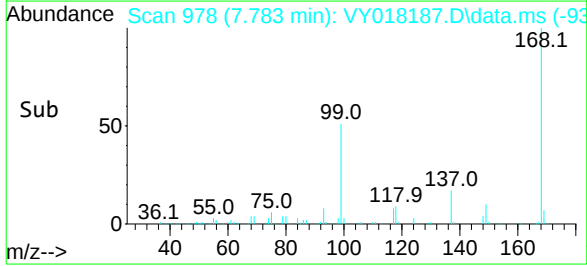


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

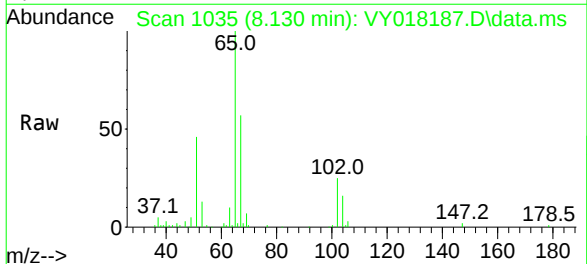
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1



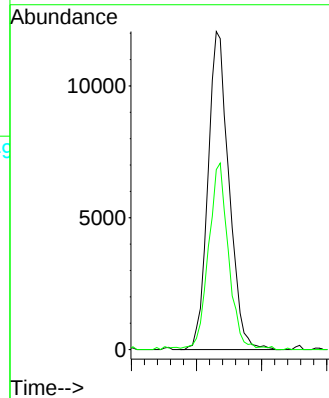
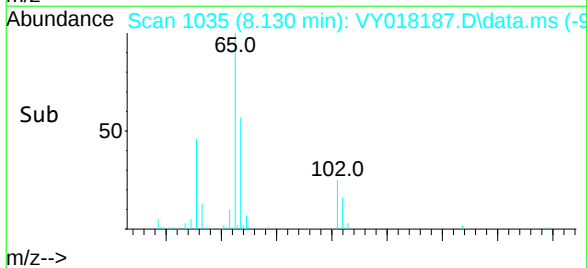
Tgt Ion:168 Resp: 73052
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7

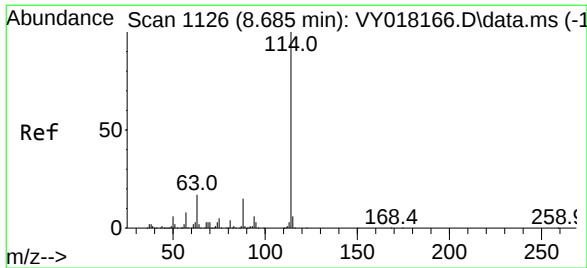


#33
1,2-Dichloroethane-d4
Concen: 50.303 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45



Tgt Ion: 65 Resp: 27034
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

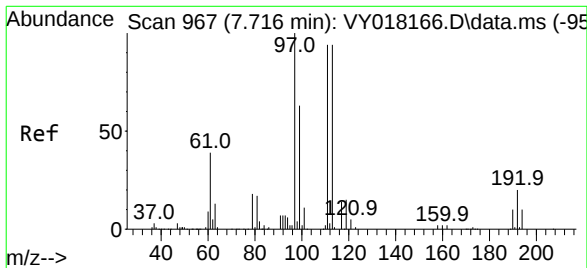
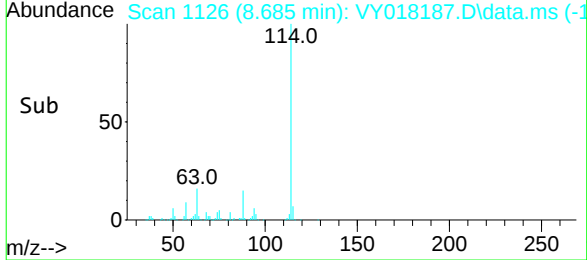
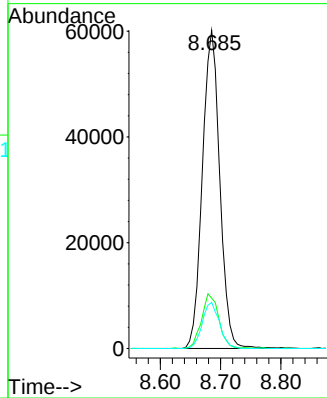
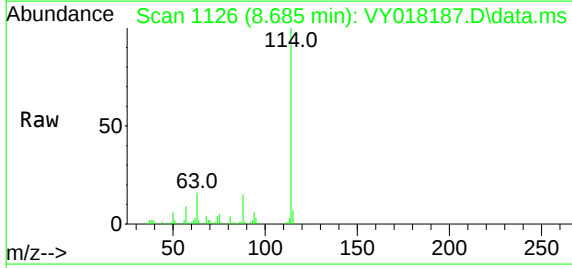




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

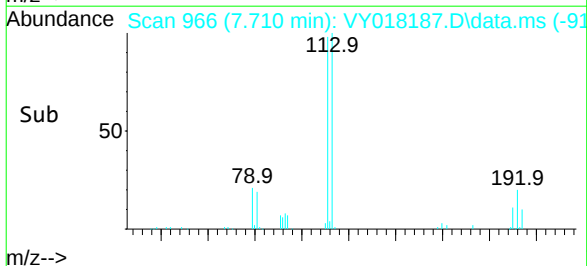
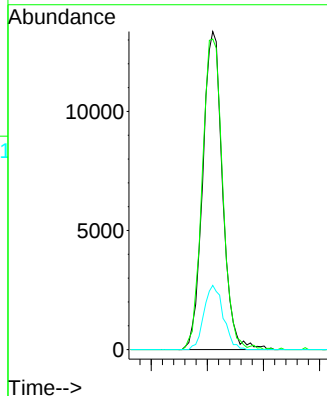
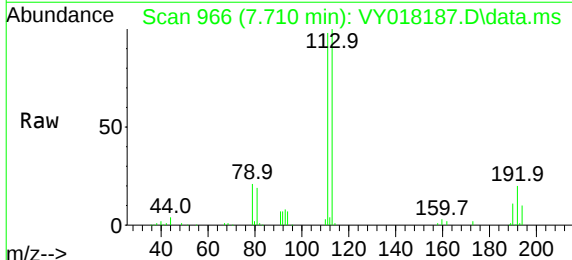
Instrument :
MSVOA_Y
ClientSampleId :
BIN-1

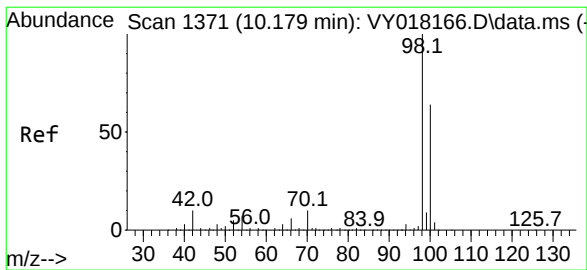
Tgt Ion:	114	Resp:	120516
Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	35.0
88	14.5	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.531 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018187.D
Acq: 08 May 2024 14:45

Tgt Ion:	113	Resp:	32638
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	19.7	15.9	23.9





#50

Toluene-d8

Concen: 51.911 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

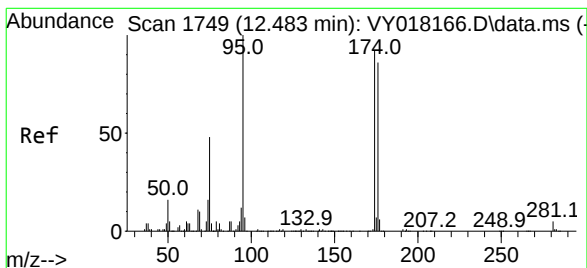
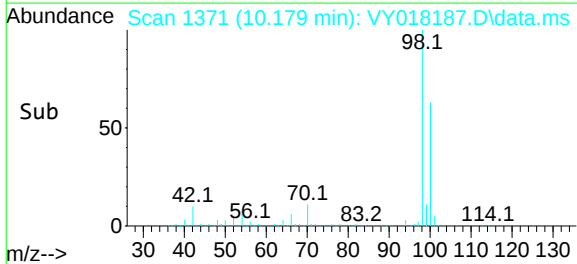
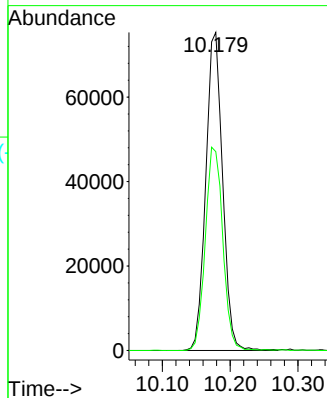
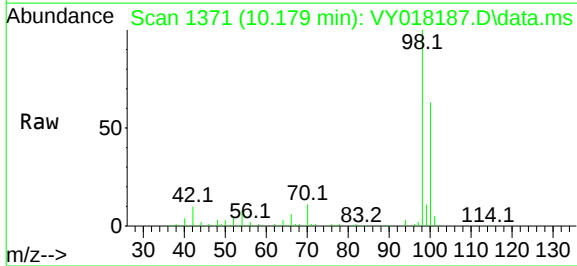
BIN-1

Tgt Ion: 98 Resp: 129562

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.250 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

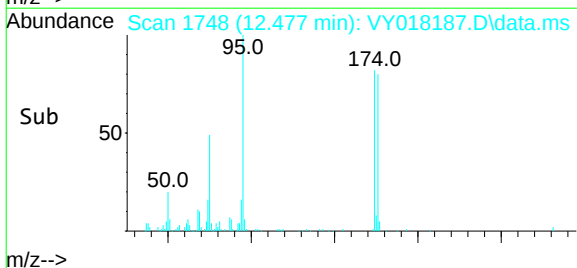
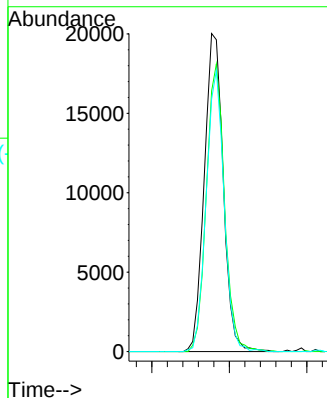
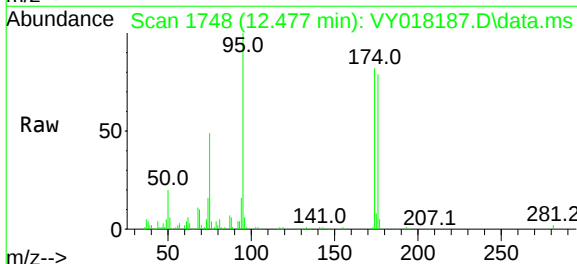
Tgt Ion: 95 Resp: 34054

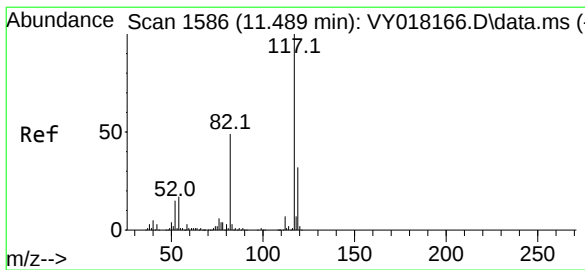
Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.6

176 83.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

BIN-1

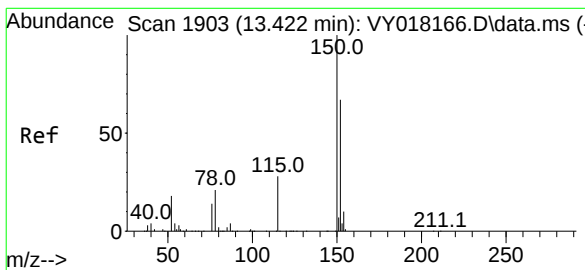
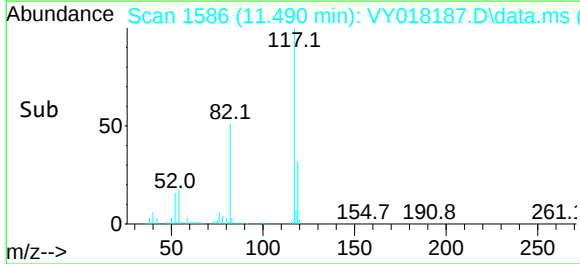
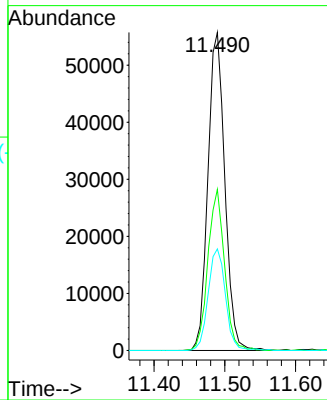
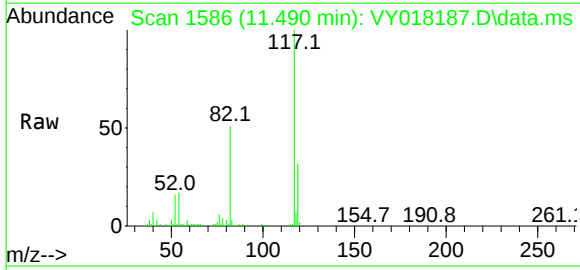
Tgt Ion:117 Resp: 92307

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018187.D

Acq: 08 May 2024 14:45

Tgt Ion:152 Resp: 33057

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 154.4 0.0 345.6

