

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018226.D
 Acq On : 10 May 2024 12:03
 Operator : SY/MD
 Sample : VY0510SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBL01

Quant Time: May 11 00:53:16 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	193405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83303	58.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.716	113	98645	57.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.220%
50) Toluene-d8	10.179	98	381922	56.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.220%
62) 4-Bromofluorobenzene	12.483	95	116007	52.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.560%

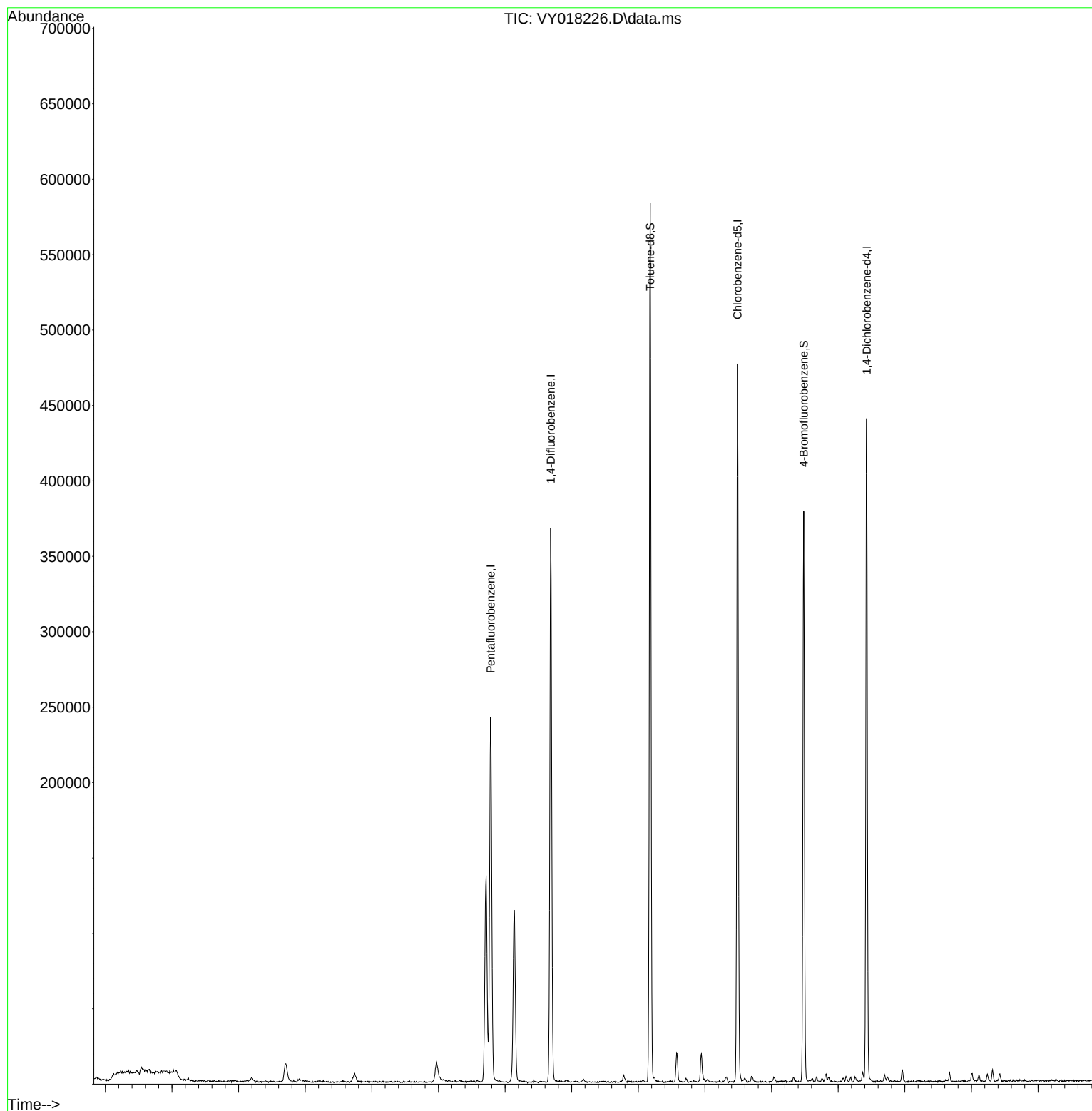
Target Compounds Qvalue

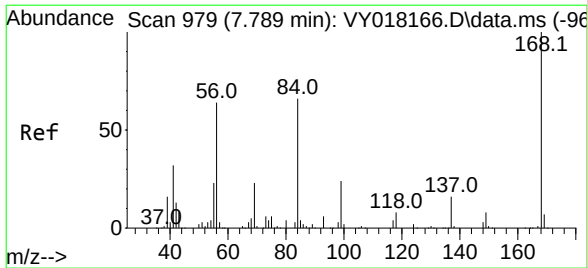
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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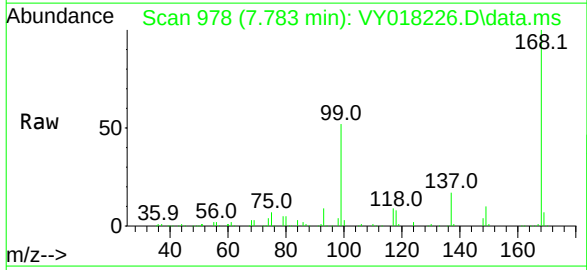
Quant Time: May 11 00:53:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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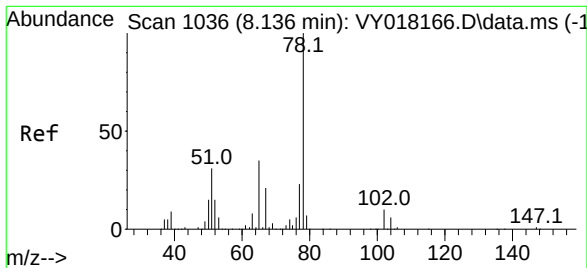
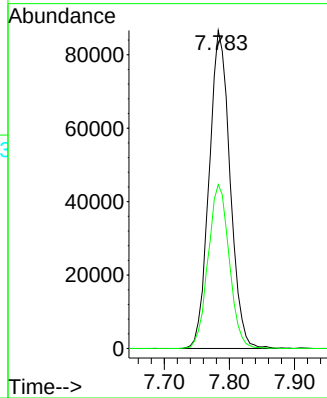
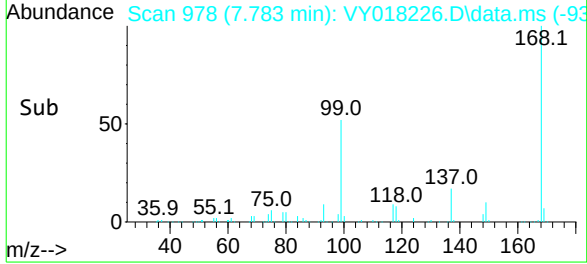


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

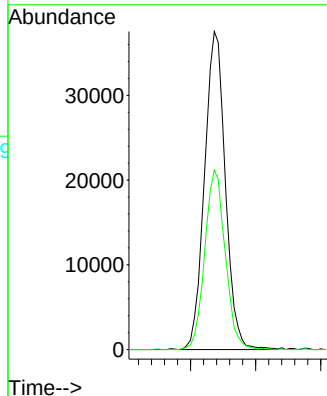
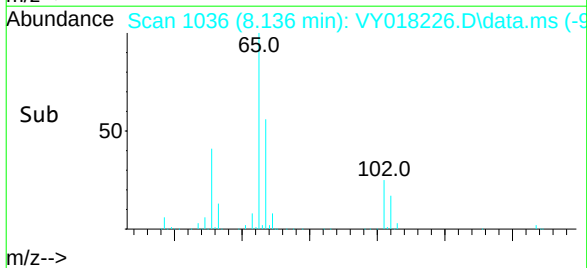
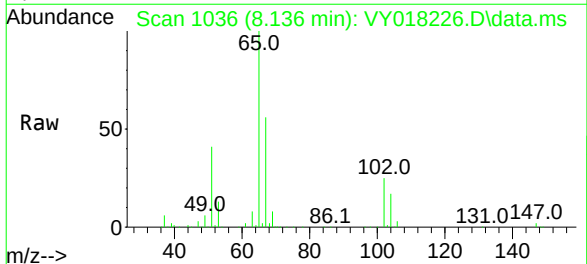


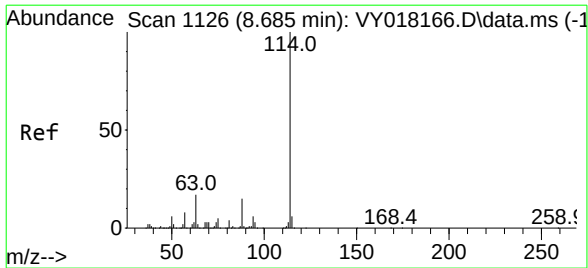
Tgt Ion:168 Resp: 193405
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.548 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion: 65 Resp: 83303
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

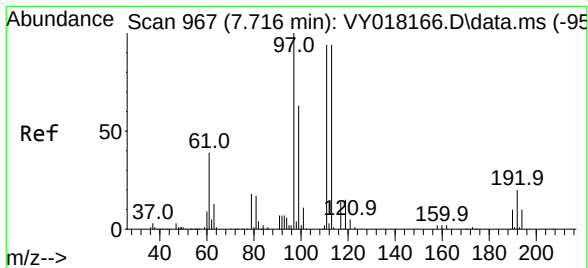
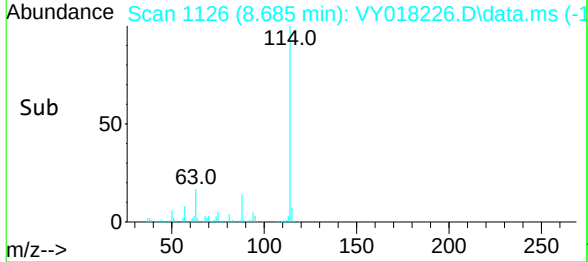
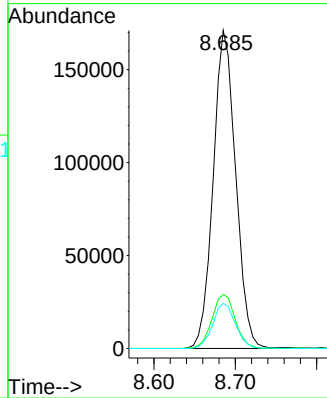
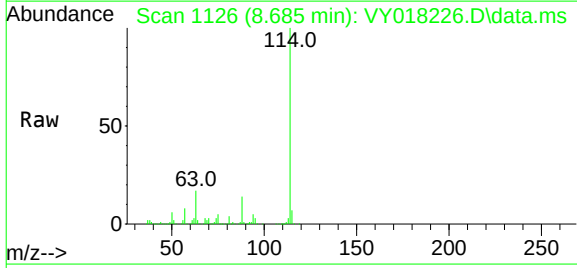




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

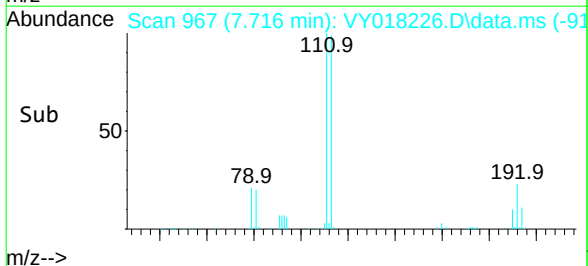
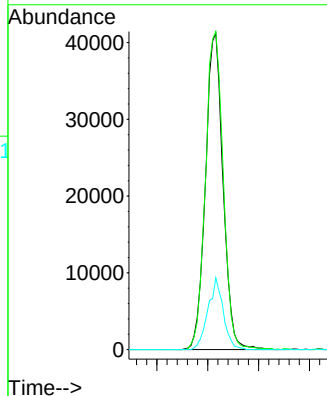
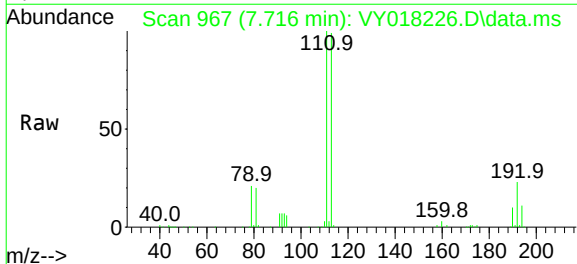
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBL01

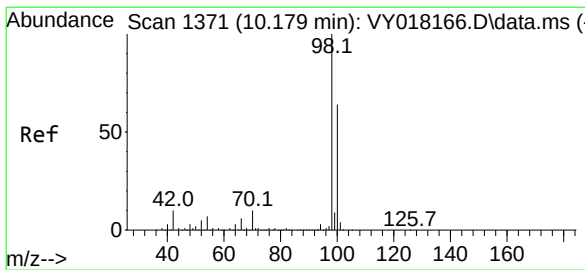
Tgt Ion:	114	Resp:	328642
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	14.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.114 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018226.D
Acq: 10 May 2024 12:03

Tgt Ion:	113	Resp:	98645
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	19.8	15.9	23.9





#50

Toluene-d8

Concen: 56.115 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018226.D

Acq: 10 May 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

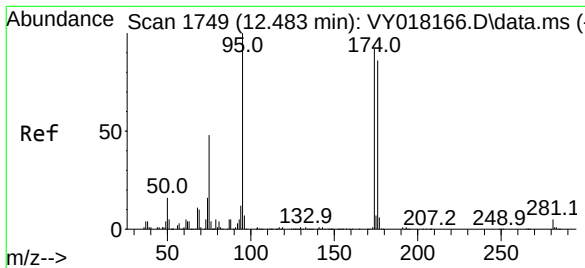
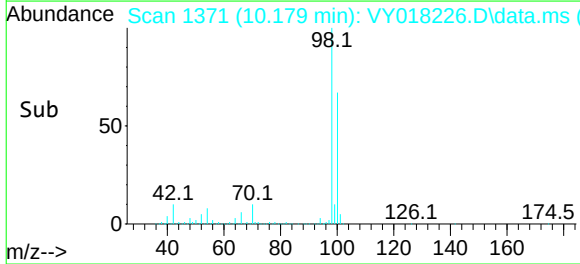
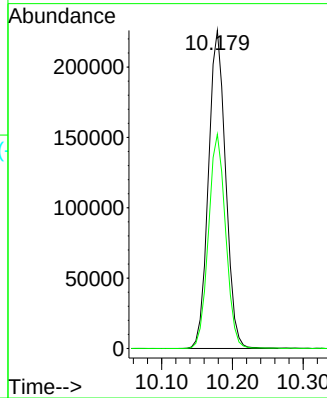
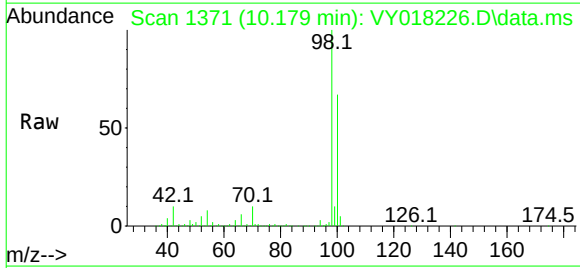
VY0510SBL01

Tgt Ion: 98 Resp: 381922

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.779 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018226.D

Acq: 10 May 2024 12:03

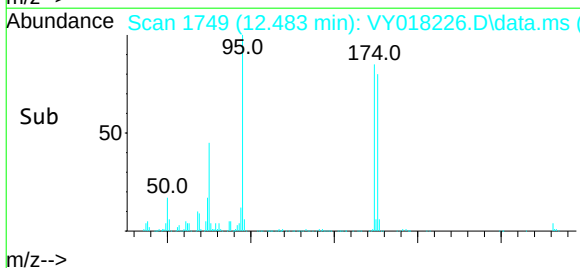
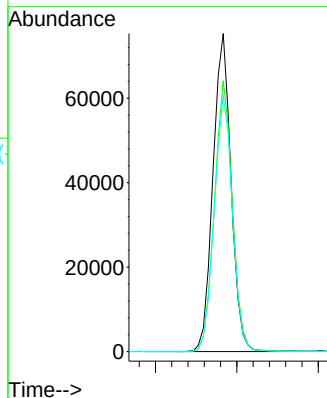
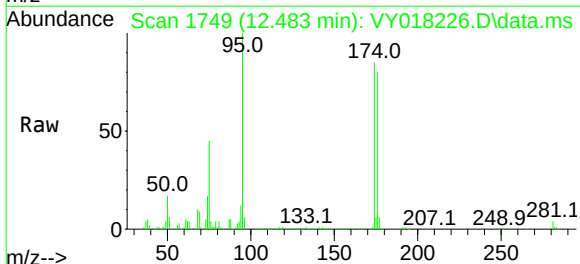
Tgt Ion: 95 Resp: 116007

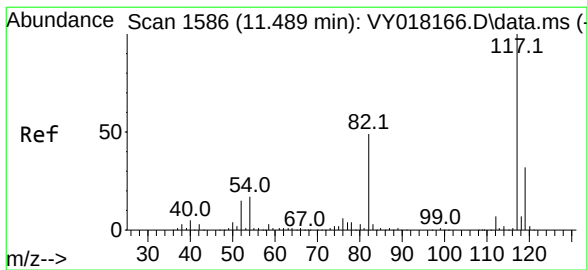
Ion Ratio Lower Upper

95 100

174 85.3 0.0 175.6

176 81.4 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: VY018226.D

Acq: 10 May 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBL01

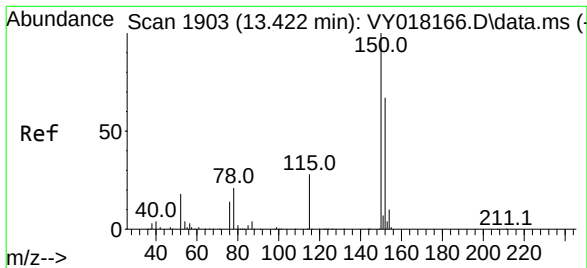
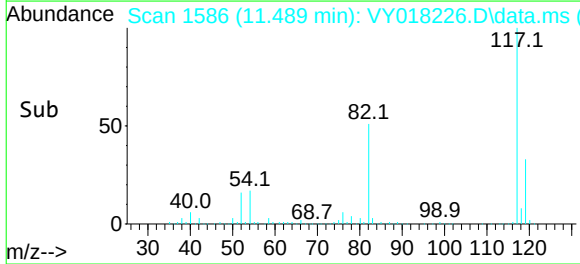
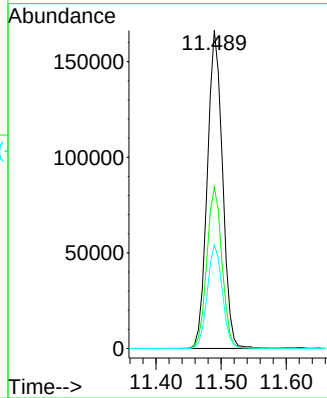
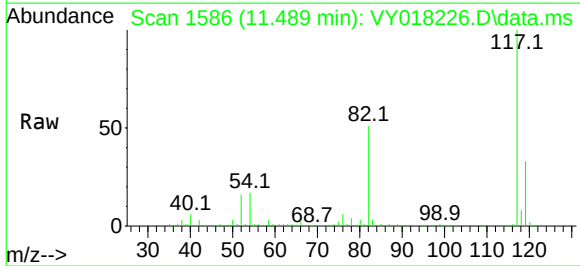
Tgt Ion:117 Resp: 269513

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 32.6 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: VY018226.D

Acq: 10 May 2024 12:03

Tgt Ion:152 Resp: 115318

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.6 0.0 345.6

