

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019466.D
 Acq On : 09 Sep 2024 15:33
 Operator : SY/MD
 Sample : P3852-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ223

Quant Time: Sep 10 01:48:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	517848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	968234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	870742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	343142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	278039	57.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.960%
35) Dibromofluoromethane	7.634	113	302821	55.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.320%
50) Toluene-d8	10.109	98	1149235	56.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.407	95	392430	50.263	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.520%

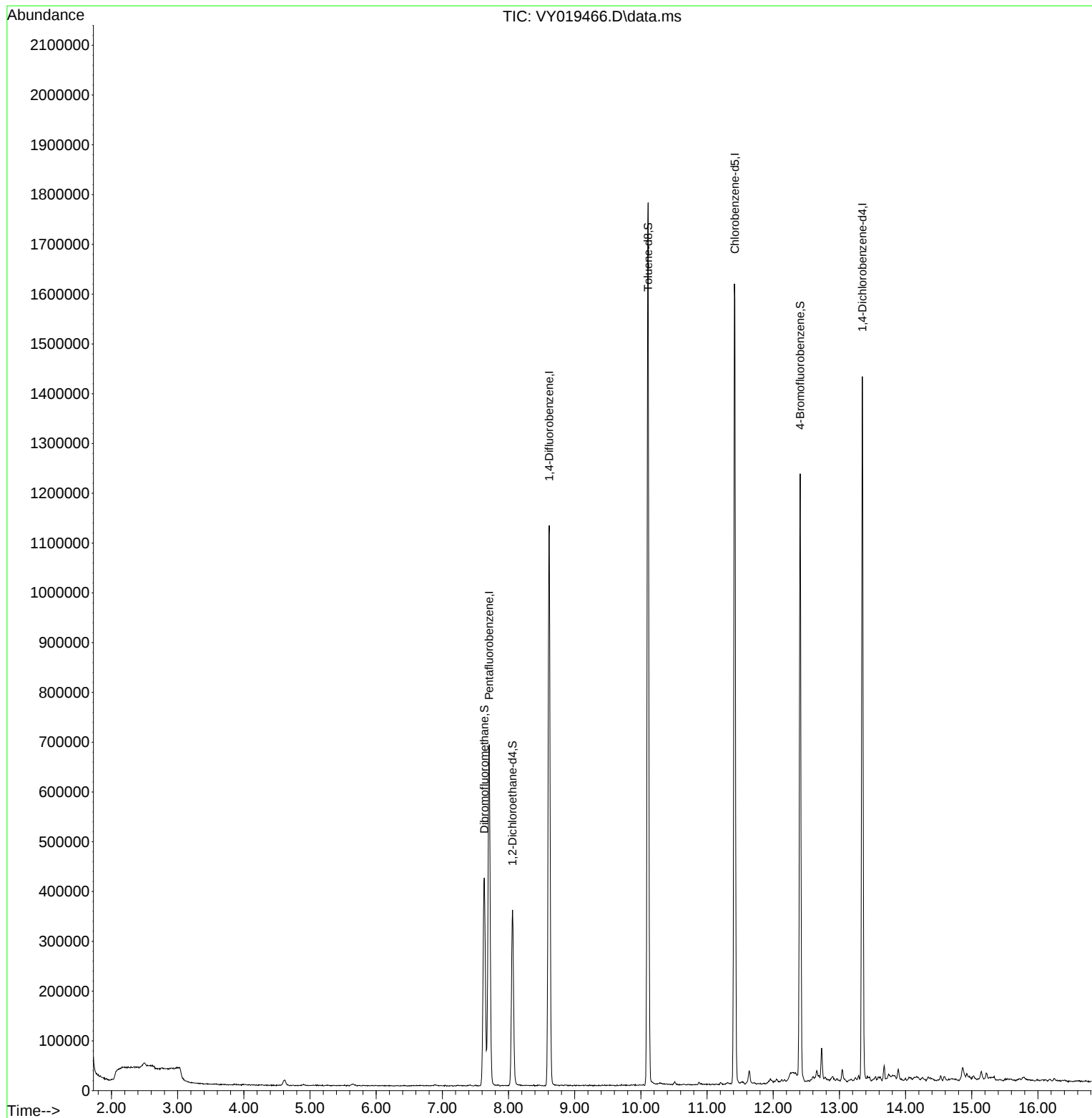
Target Compounds	Qvalue

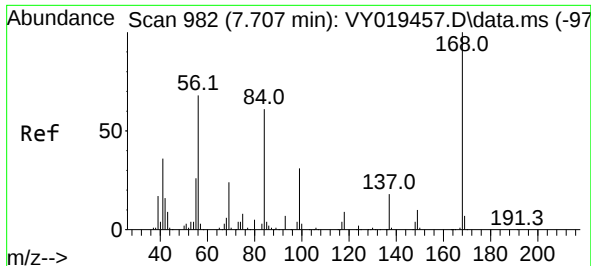
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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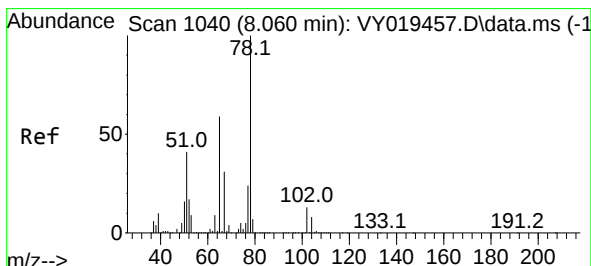
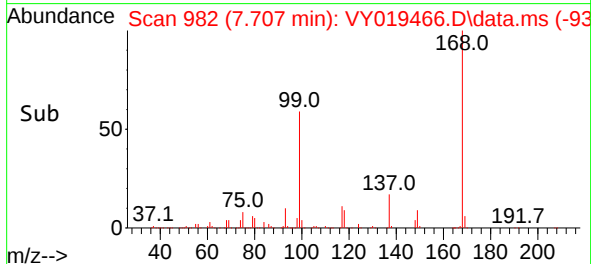
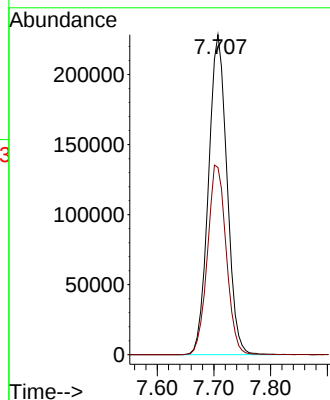
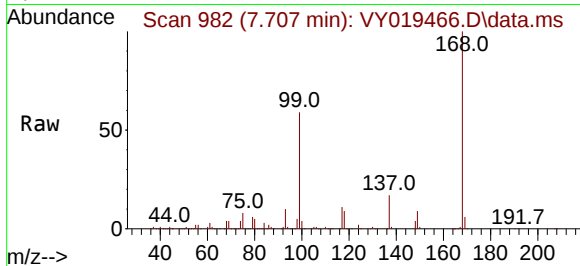




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

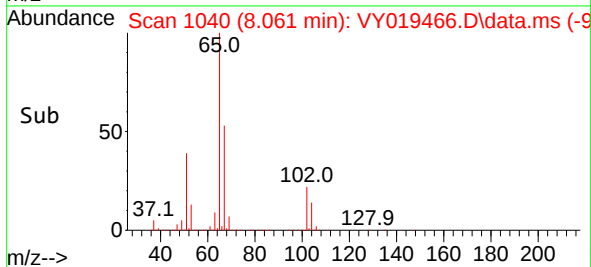
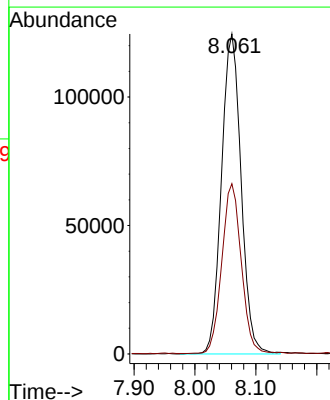
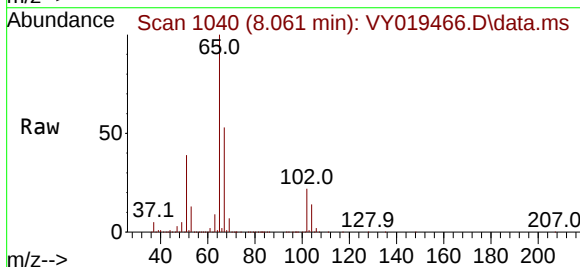
Instrument :
MSVOA_Y
ClientSampleId :
VNJ223

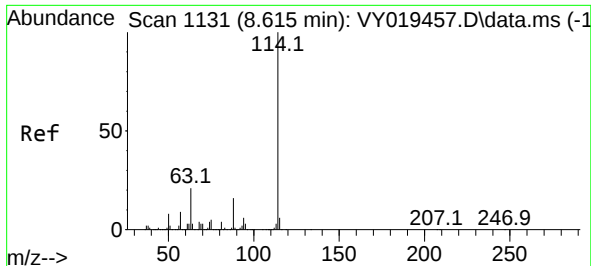
Tgt Ion:168 Resp: 517848
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.983 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion: 65 Resp: 278039
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

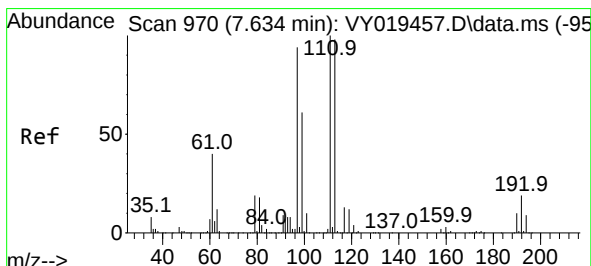
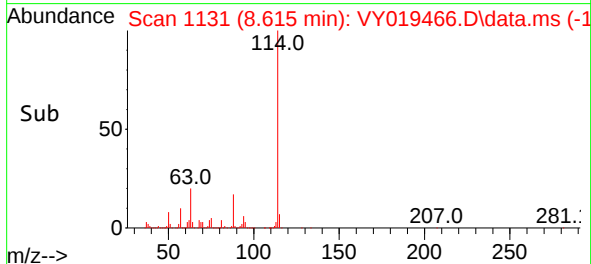
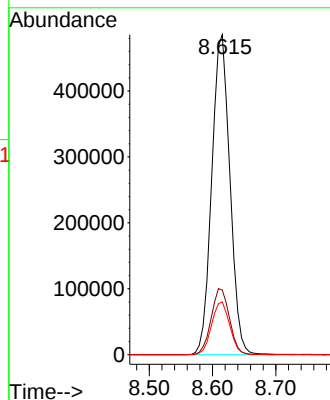
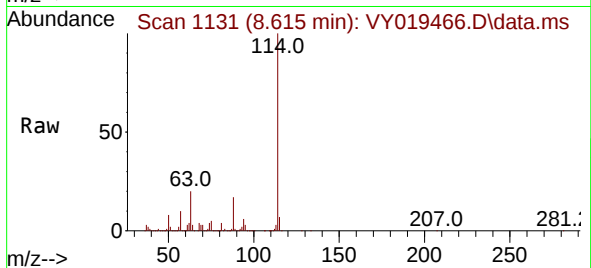




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

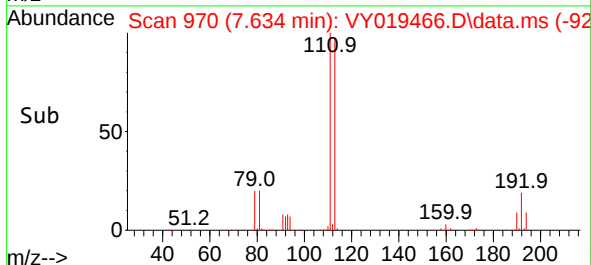
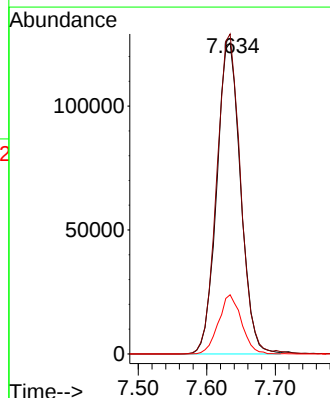
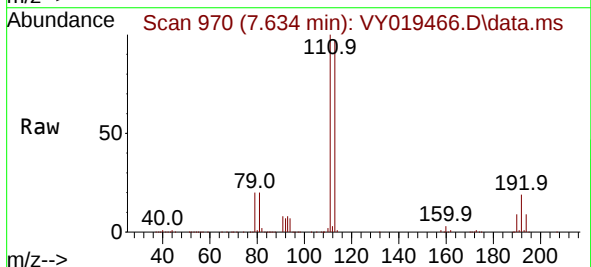
Instrument :
MSVOA_Y
ClientSampleId :
VNJ223

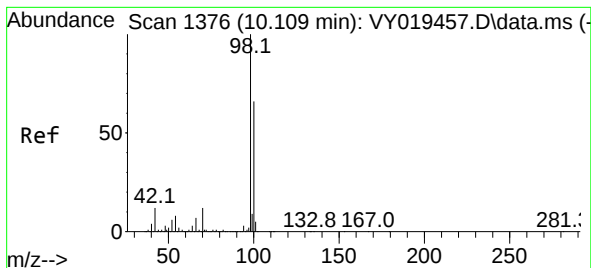
Tgt Ion:114 Resp: 968234
Ion Ratio Lower Upper
114 100
63 20.2 0.0 35.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.162 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019466.D
Acq: 09 Sep 2024 15:33

Tgt Ion:113 Resp: 302821
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.3 15.9 23.9





#50

Toluene-d8

Concen: 56.598 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019466.D

Acq: 09 Sep 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

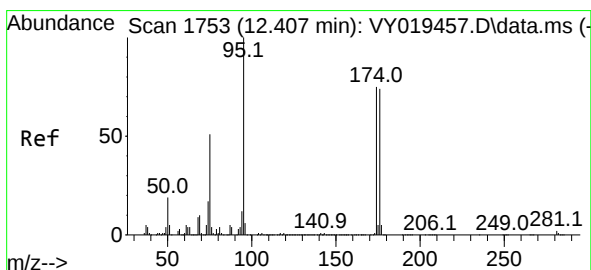
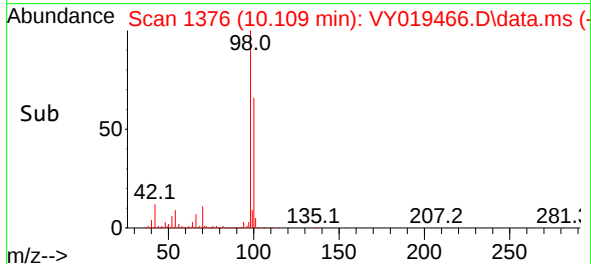
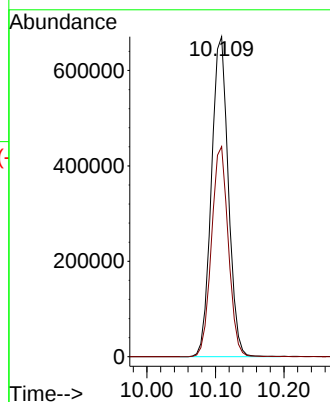
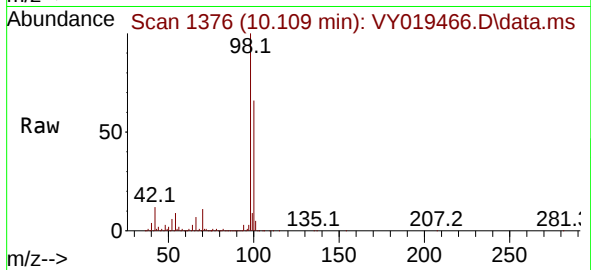
VNJ223

Tgt Ion: 98 Resp: 1149235

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.263 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019466.D

Acq: 09 Sep 2024 15:33

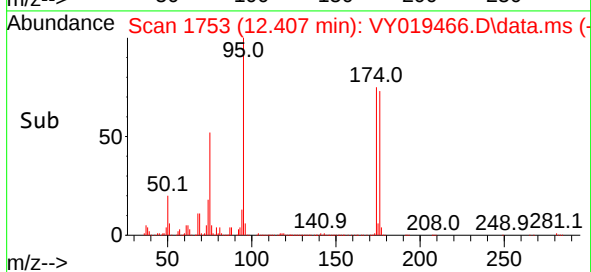
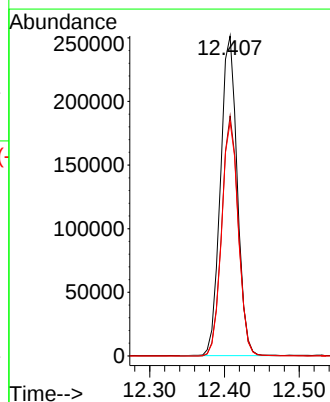
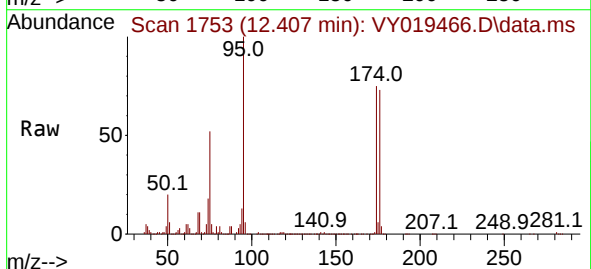
Tgt Ion: 95 Resp: 392430

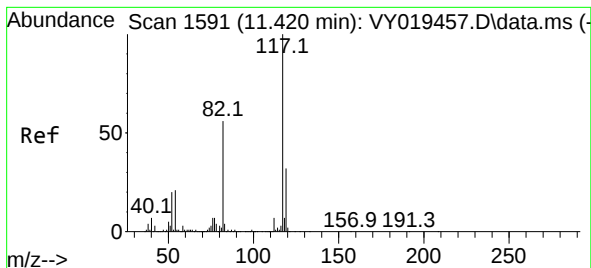
Ion Ratio Lower Upper

95 100

174 74.4 0.0 175.6

176 72.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019466.D

Acq: 09 Sep 2024 15:33

Instrument :

MSVOA_Y

ClientSampleId :

VNJ223

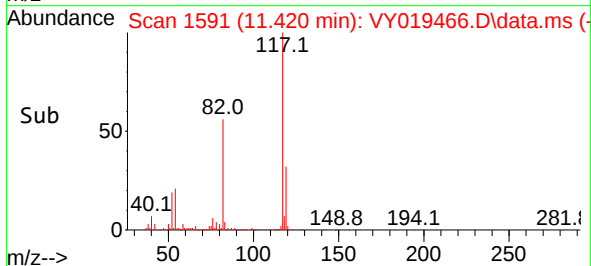
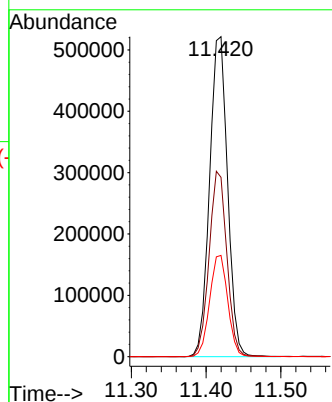
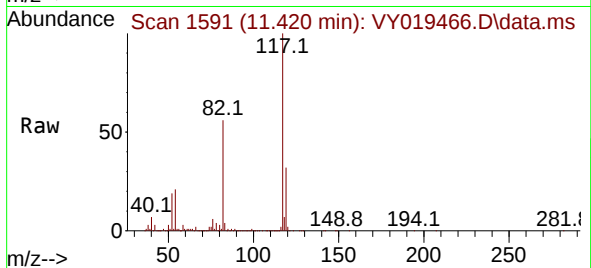
Tgt Ion:117 Resp: 870742

Ion Ratio Lower Upper

117 100

82 56.0 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019466.D

Acq: 09 Sep 2024 15:33

Tgt Ion:152 Resp: 343142

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.7 0.0 345.6

