

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018271.D
 Acq On : 15 May 2024 14:39
 Operator : SY/MD
 Sample : P2482-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-229

Quant Time: May 16 03:06:05 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	26133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	42347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	30477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9690	50.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.800%	
35) Dibromofluoromethane	7.716	113	11301	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.179	98	45054	51.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.483	95	10071	35.559	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.120%	

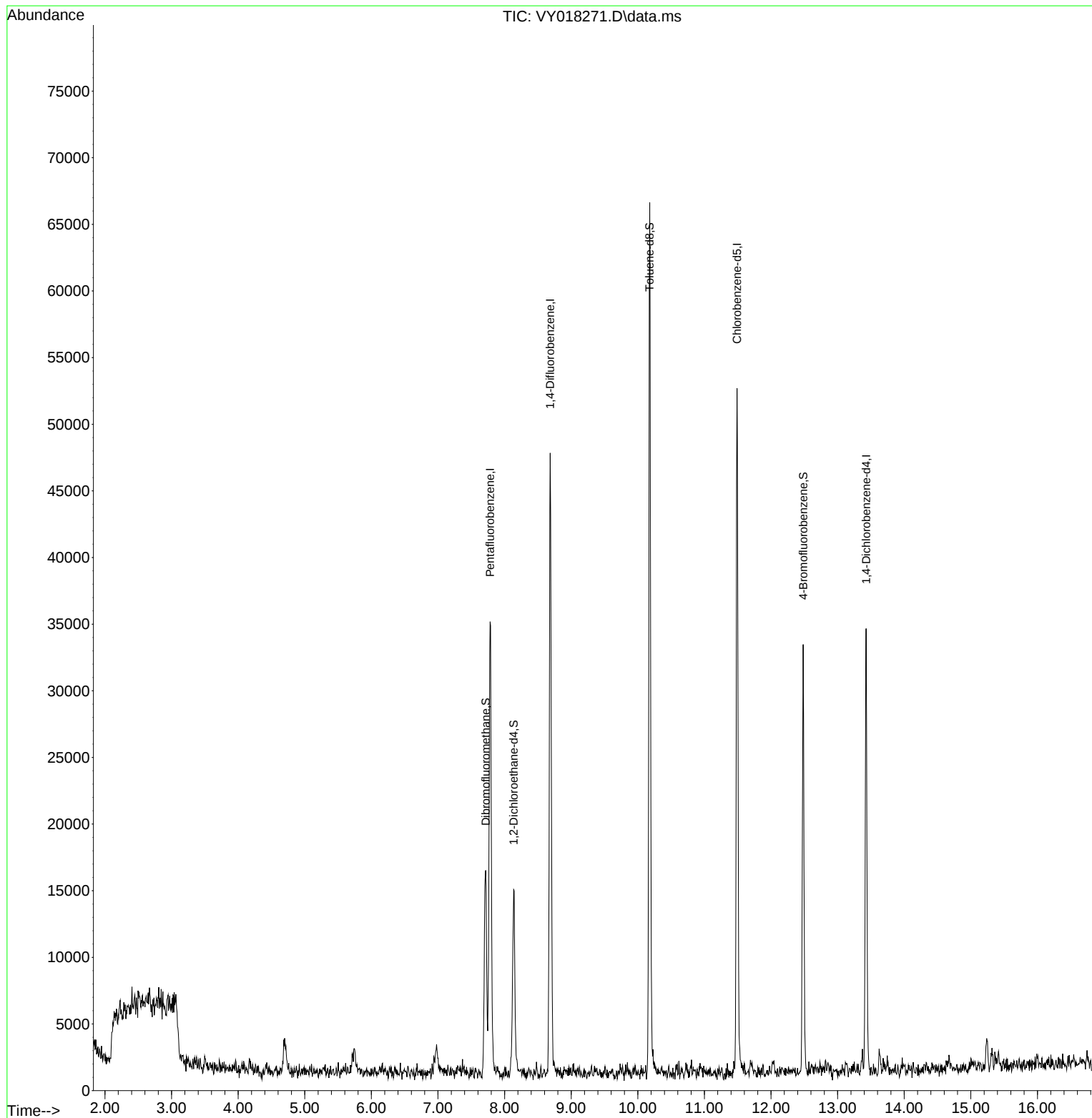
Target Compounds	Qvalue

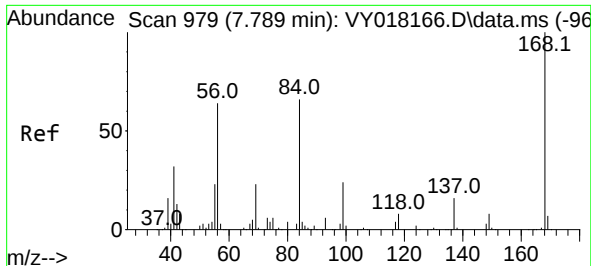
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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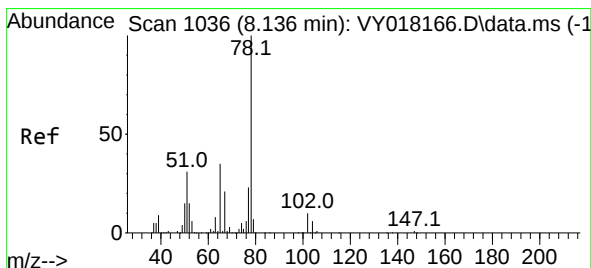
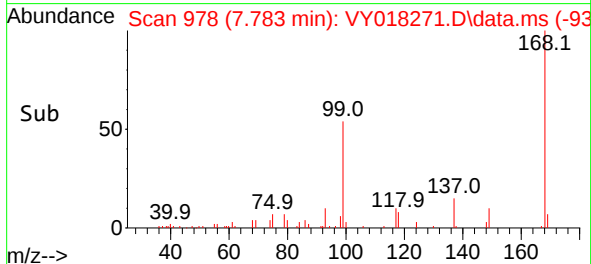
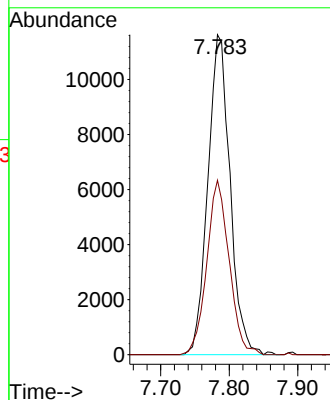
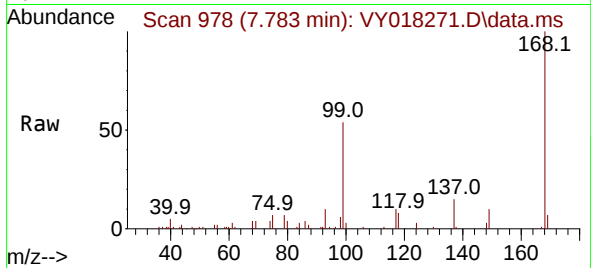




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018271.D
Acq: 15 May 2024 14:39

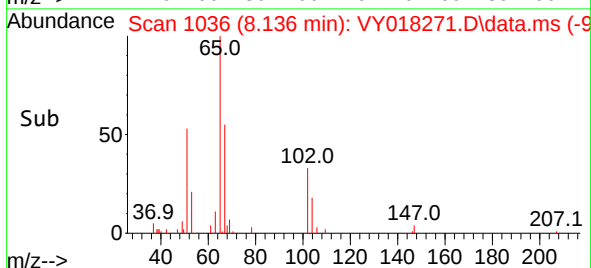
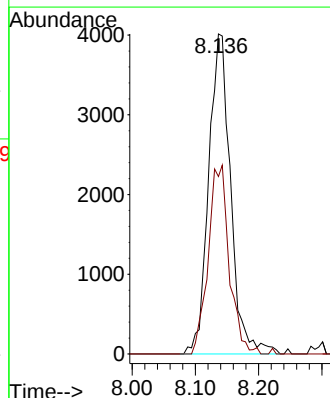
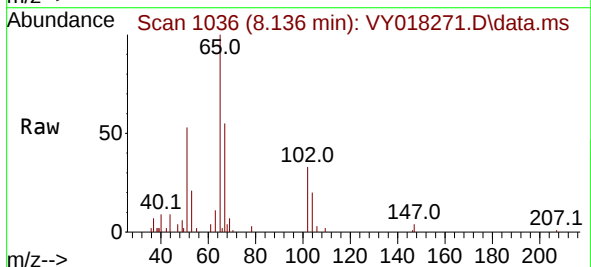
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229

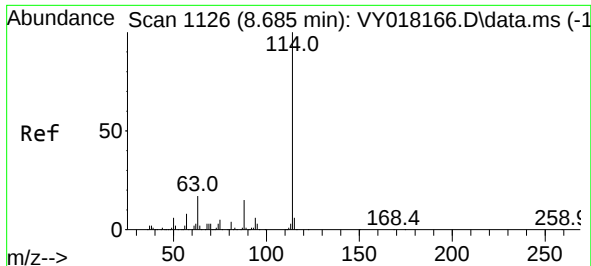
Tgt Ion:168 Resp: 26133
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.402 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018271.D
Acq: 15 May 2024 14:39

Tgt Ion: 65 Resp: 9690
Ion Ratio Lower Upper
65 100
67 56.4 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: VY018271.D

Acq: 15 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

B-01-229

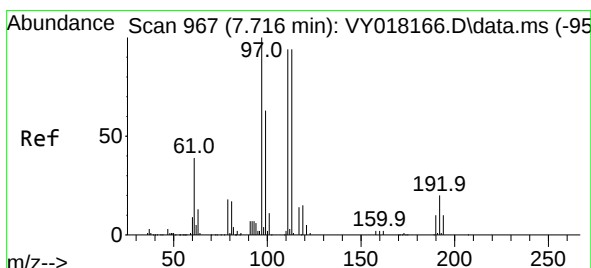
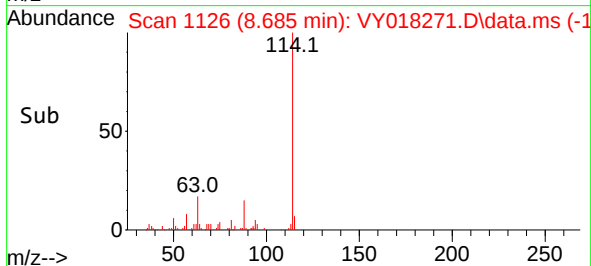
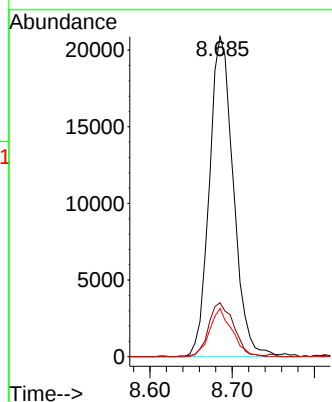
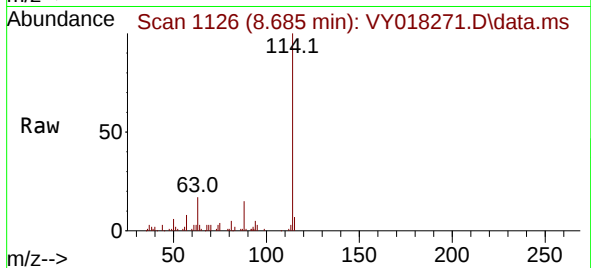
Tgt Ion:114 Resp: 42347

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY018271.D

Acq: 15 May 2024 14:39

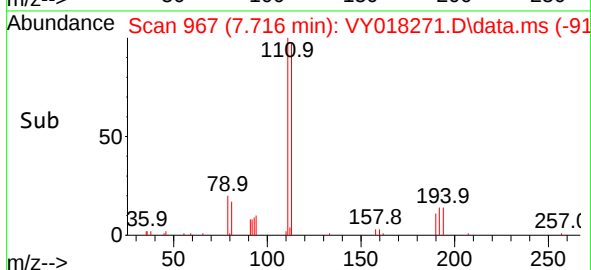
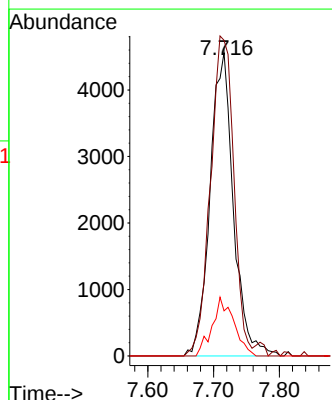
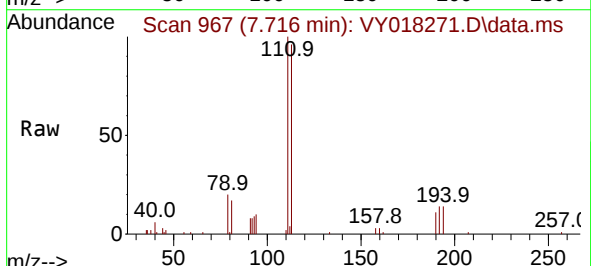
Tgt Ion:113 Resp: 11301

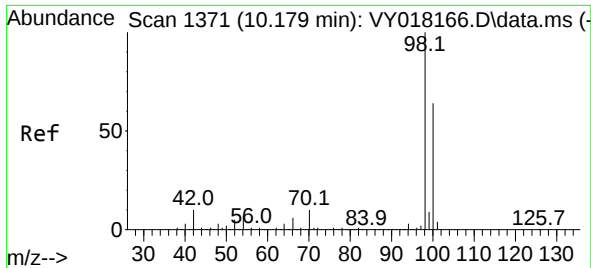
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 18.0 15.9 23.9

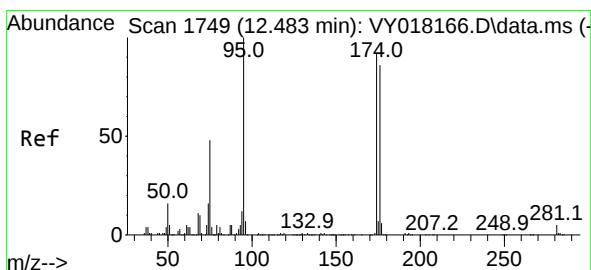
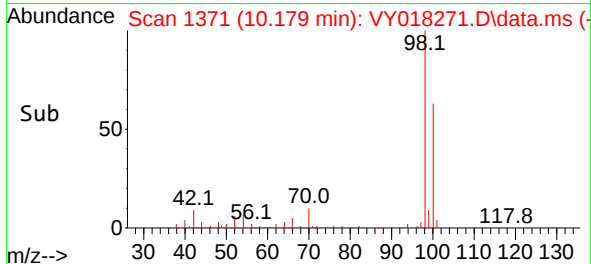
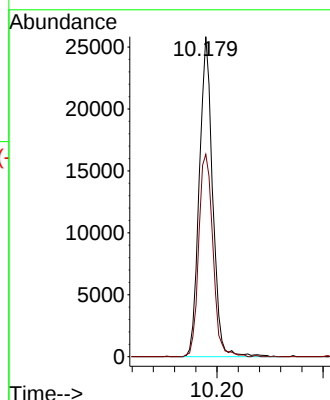
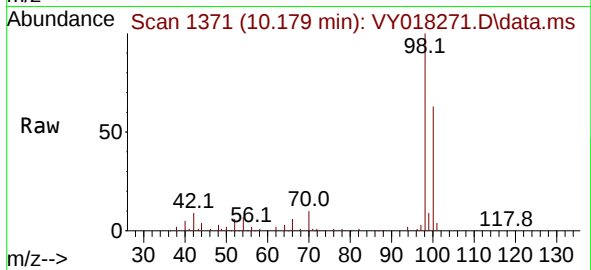




#50
Toluene-d8
Concen: 51.373 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018271.D
Acq: 15 May 2024 14:39

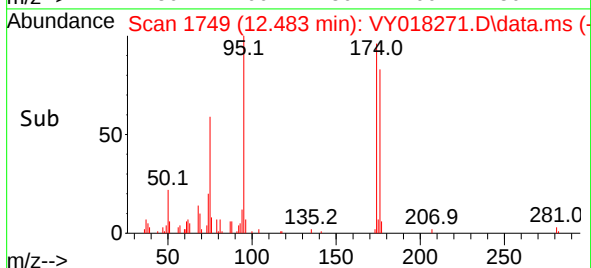
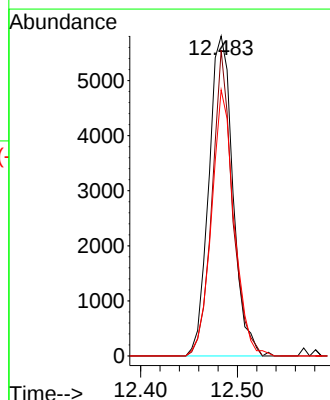
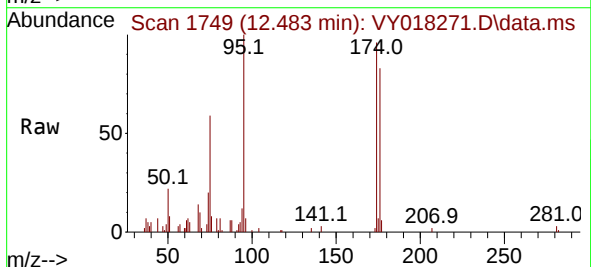
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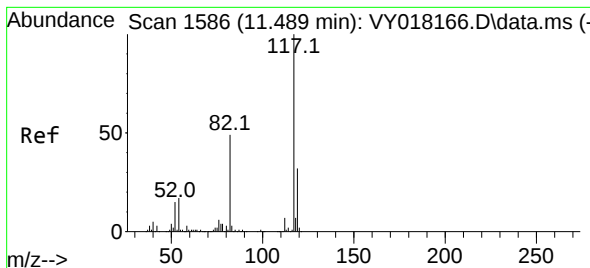
Tgt Ion: 98 Resp: 45054
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.559 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018271.D
Acq: 15 May 2024 14:39

Tgt Ion: 95 Resp: 10071
Ion Ratio Lower Upper
95 100
174 80.9 0.0 175.6
176 77.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018271.D

Acq: 15 May 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

B-01-229

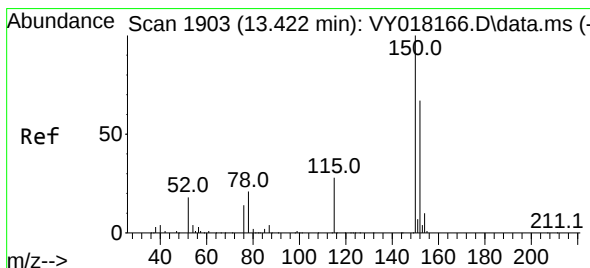
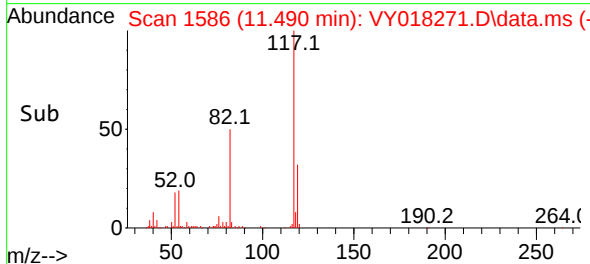
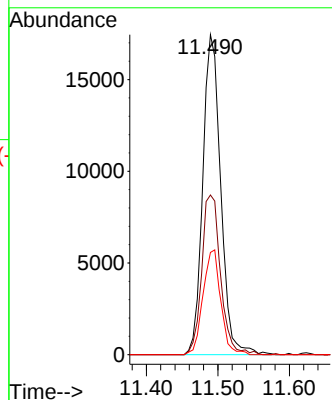
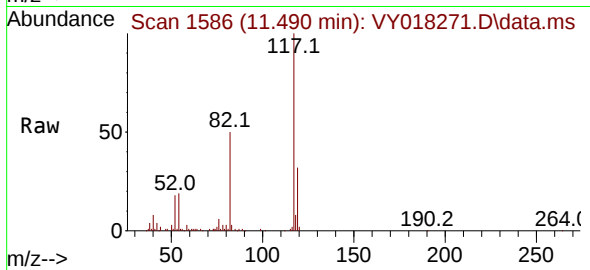
Tgt Ion:117 Resp: 30477

Ion Ratio Lower Upper

117 100

82 49.9 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: VY018271.D

Acq: 15 May 2024 14:39

Tgt Ion:152 Resp: 8673

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 163.6 0.0 345.6

