

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018296.D
 Acq On : 16 May 2024 19:33
 Operator : SY/MD
 Sample : P2513-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16

Quant Time: May 17 01:19:35 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	3168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1849	79.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.680%
35) Dibromofluoromethane	7.704	113	1433	42.255	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.500%
50) Toluene-d8	10.179	98	6681	49.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.483	95	1203	27.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.740%

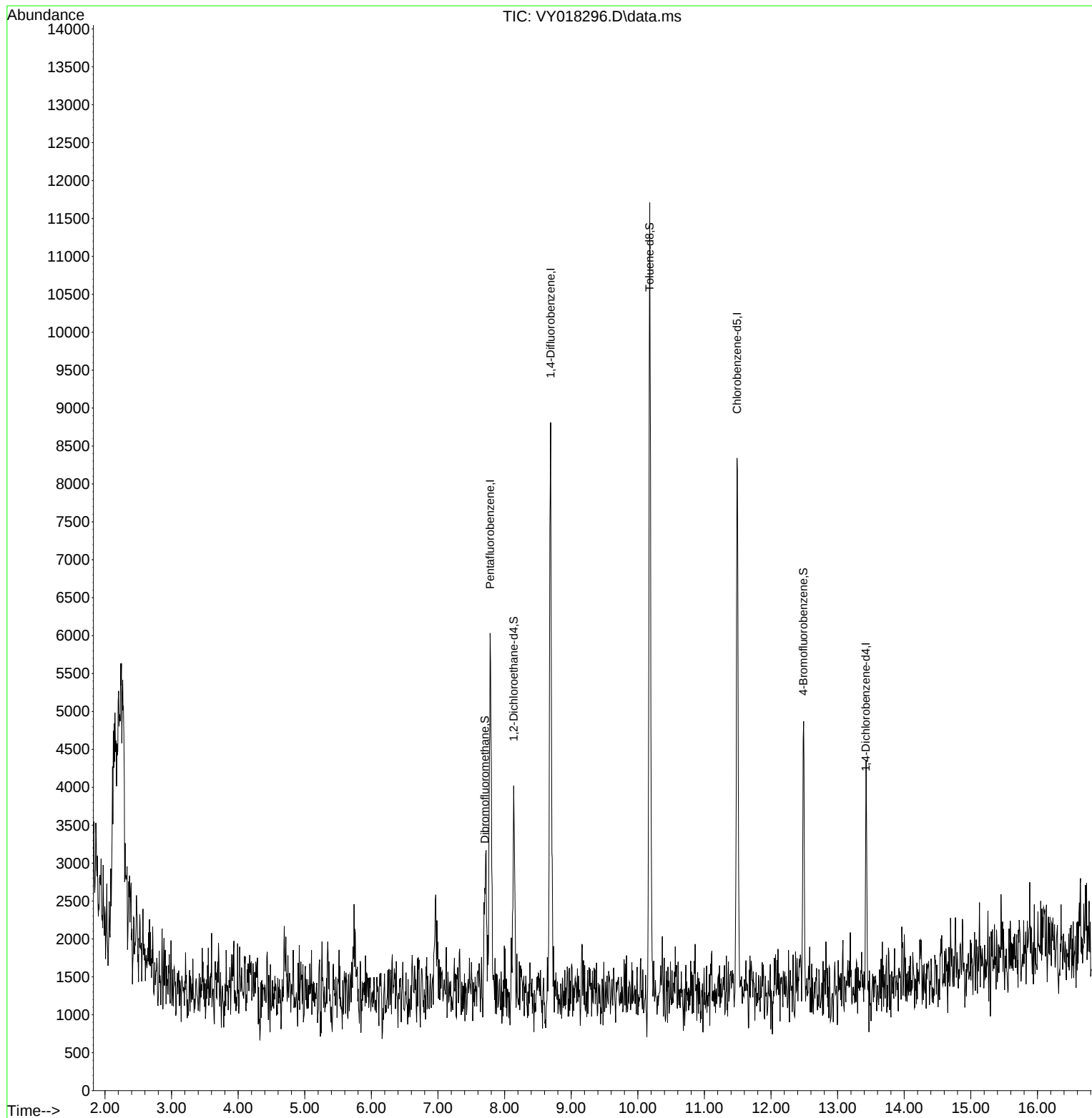
Target Compounds	Qvalue

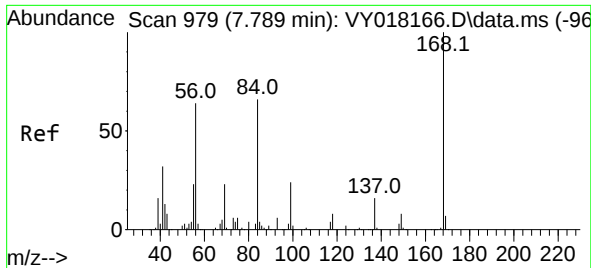
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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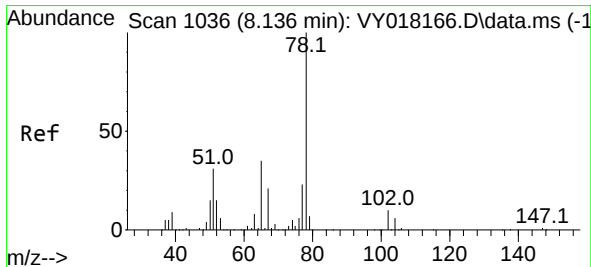
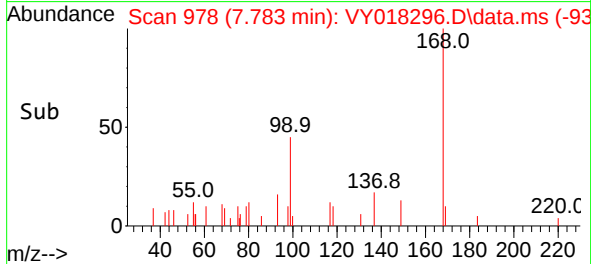
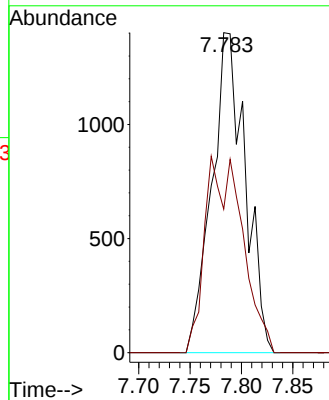
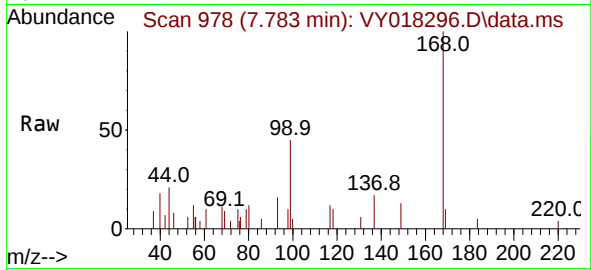




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018296.D
Acq: 16 May 2024 19:33

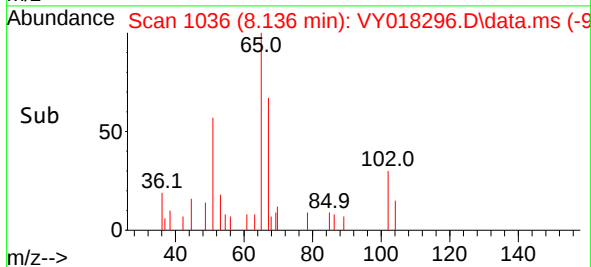
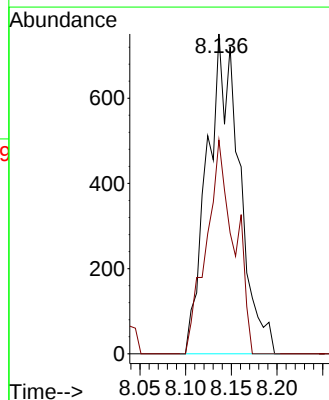
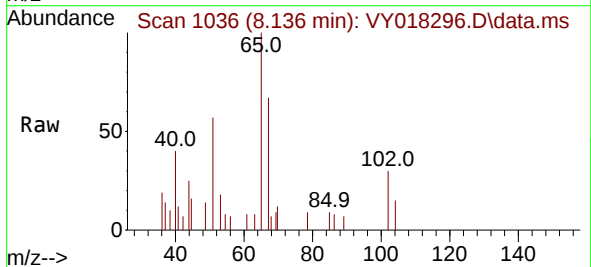
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

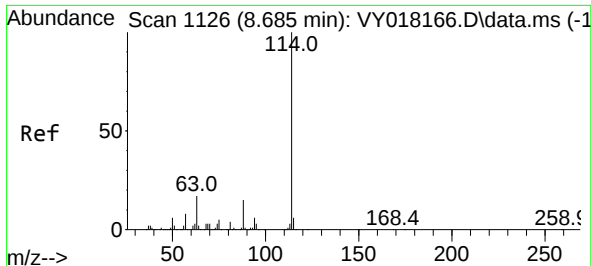
Tgt Ion:168 Resp: 3168
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 79.336 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018296.D
Acq: 16 May 2024 19:33

Tgt Ion: 65 Resp: 1849
Ion Ratio Lower Upper
65 100
67 57.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY018296.D

Acq: 16 May 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-16

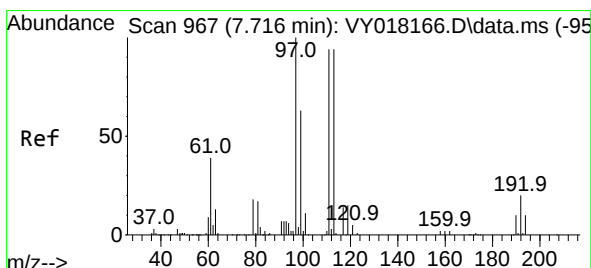
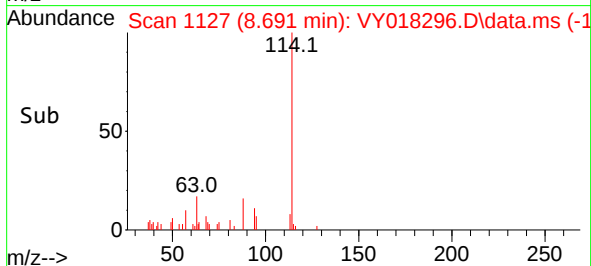
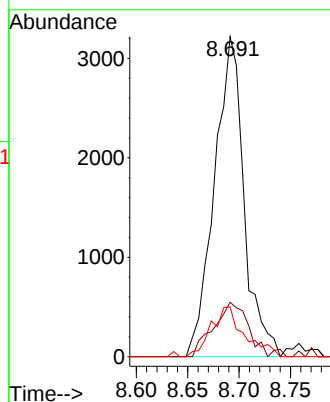
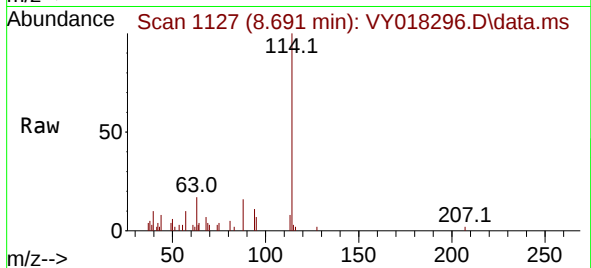
Tgt Ion:114 Resp: 6453

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.255 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY018296.D

Acq: 16 May 2024 19:33

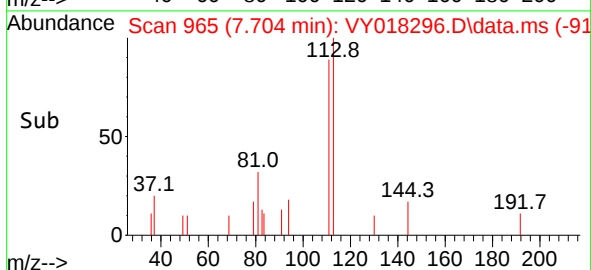
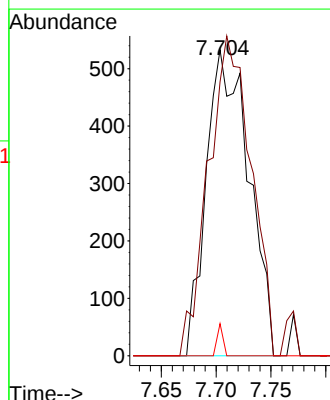
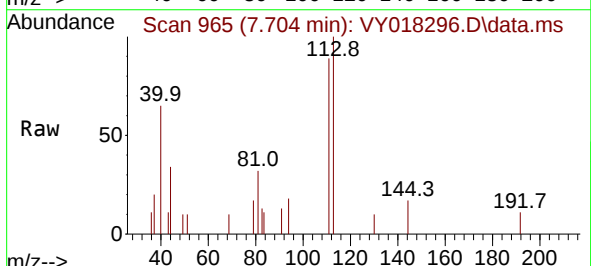
Tgt Ion:113 Resp: 1433

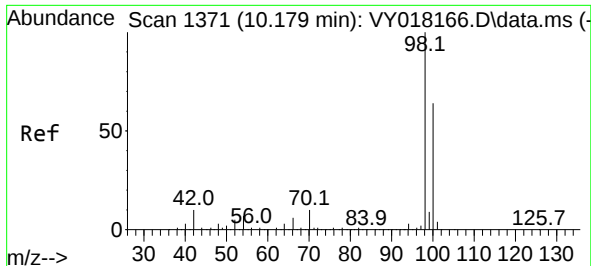
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 1.4 15.9 23.9#

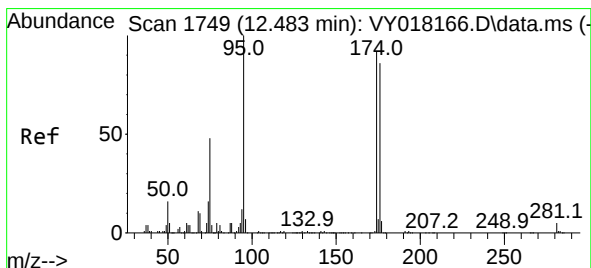
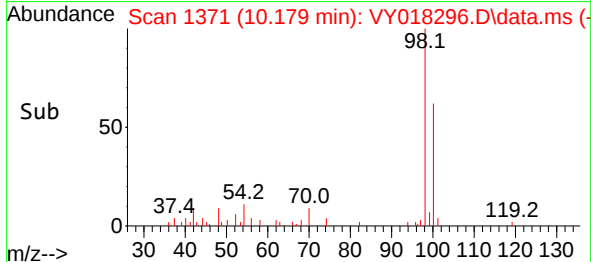
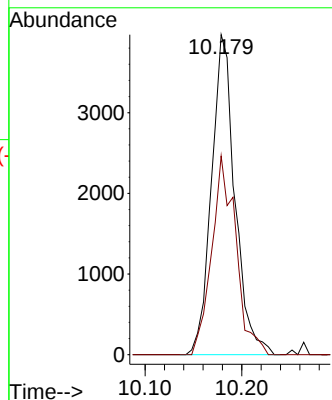
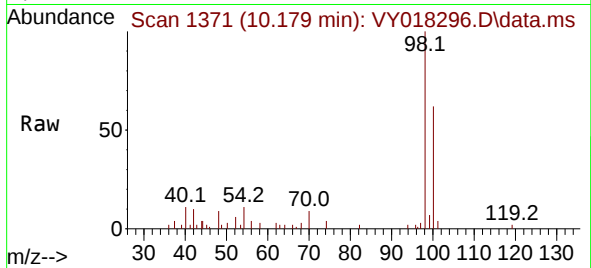




#50
Toluene-d8
Concen: 49.992 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018296.D
Acq: 16 May 2024 19:33

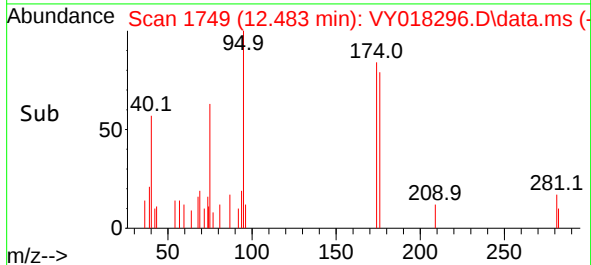
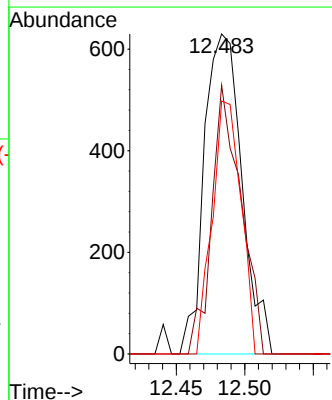
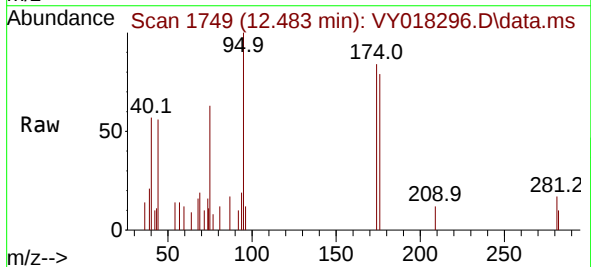
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

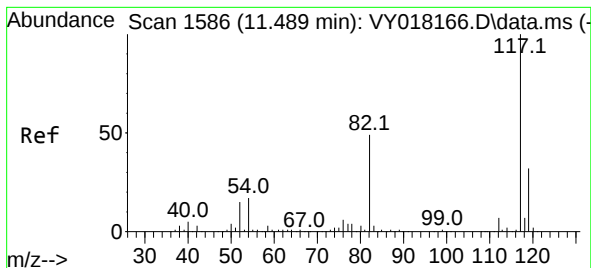
Tgt Ion: 98 Resp: 6681
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018296.D
Acq: 16 May 2024 19:33

Tgt Ion: 95 Resp: 1203
Ion Ratio Lower Upper
95 100
174 65.3 0.0 175.6
176 60.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY018296.D

Acq: 16 May 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-16

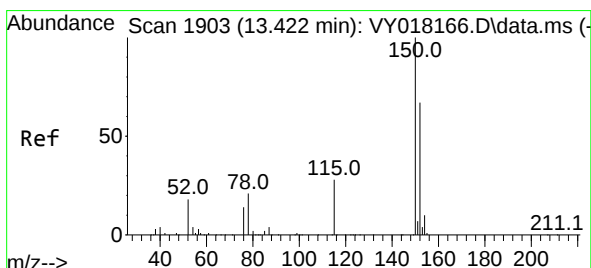
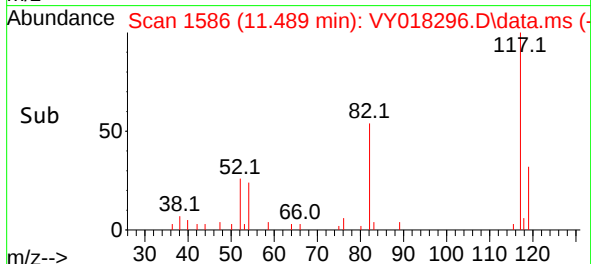
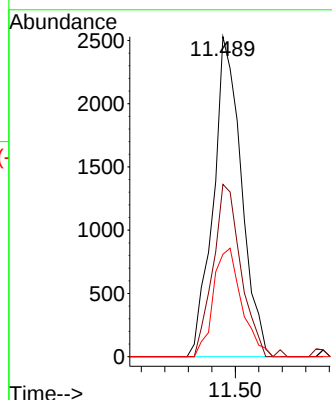
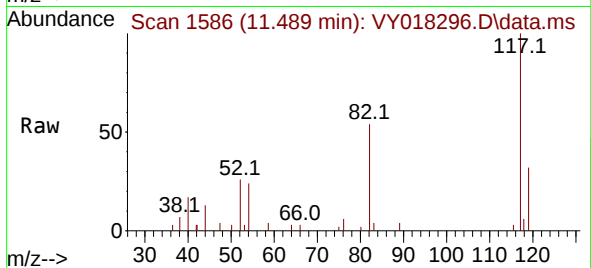
Tgt Ion:117 Resp: 4210

Ion Ratio Lower Upper

117 100

82 53.8 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018296.D

Acq: 16 May 2024 19:33

Tgt Ion:152 Resp: 705

Ion Ratio Lower Upper

152 100

115 52.9 28.2 84.7

150 123.5 0.0 345.6

