

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018306.D
 Acq On : 17 May 2024 14:22
 Operator : SY/MD
 Sample : P2513-13
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17

Quant Time: May 18 00:49:46 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	7.789	168	15826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	17047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5112	43.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.820%
35) Dibromofluoromethane	7.709	113	6836	50.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.178	98	26350	49.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.483	95	4870	28.352	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.700%

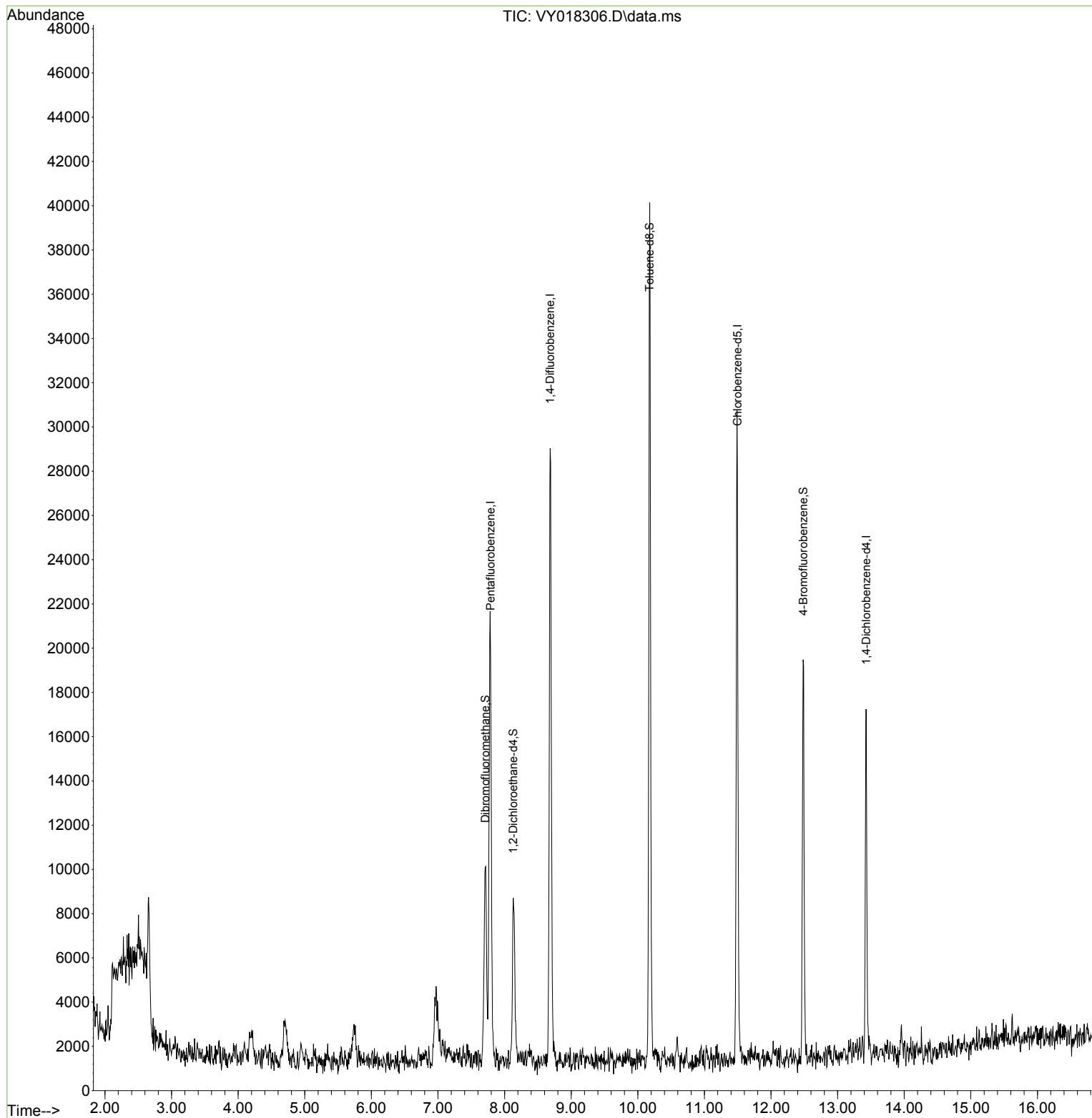
Target Compounds	Qvalue

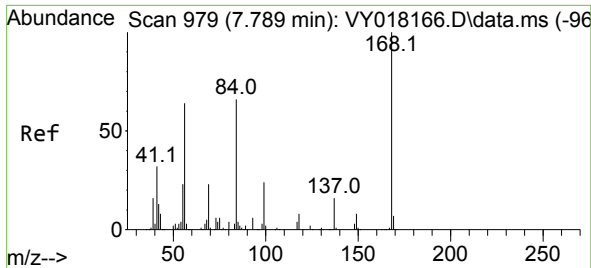
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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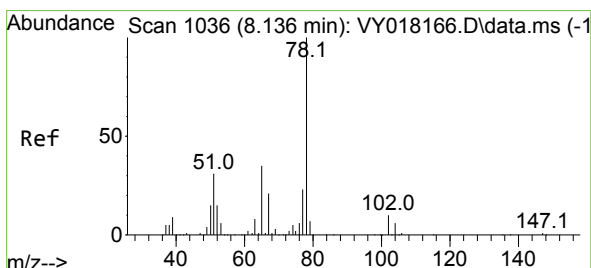
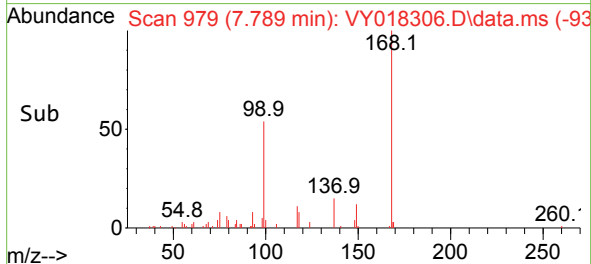
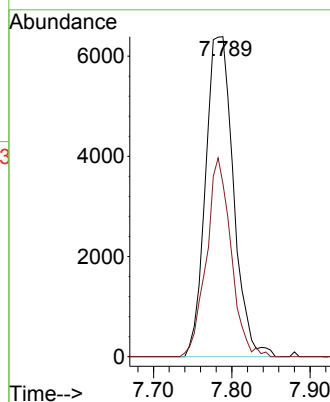
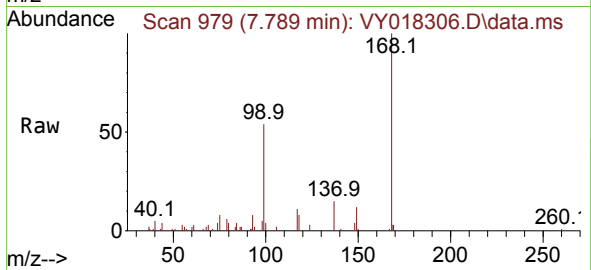




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018306.D
Acq: 17 May 2024 14:22

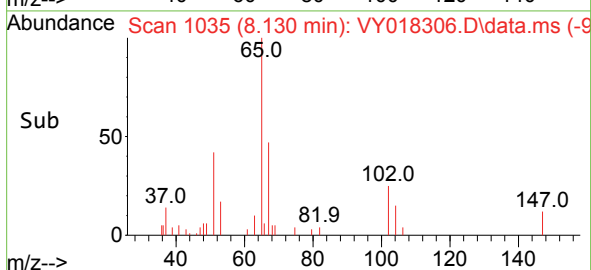
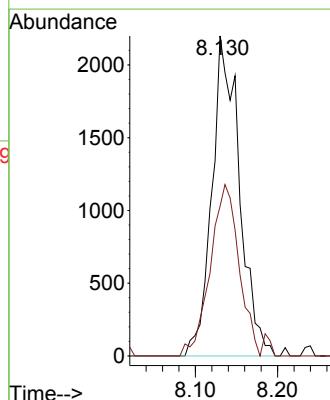
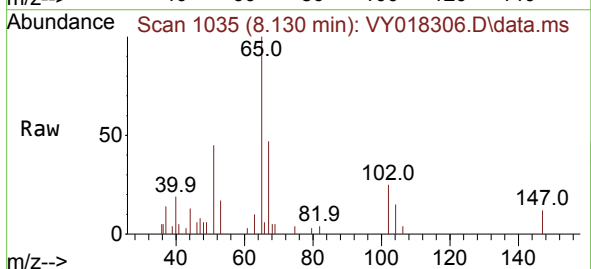
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

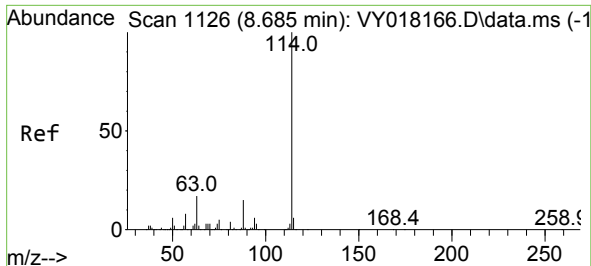
Tgt Ion:168 Resp: 15826
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.907 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018306.D
Acq: 17 May 2024 14:22

Tgt Ion: 65 Resp: 5112
Ion Ratio Lower Upper
65 100
67 55.9 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: VY018306.D

Acq: 17 May 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-17

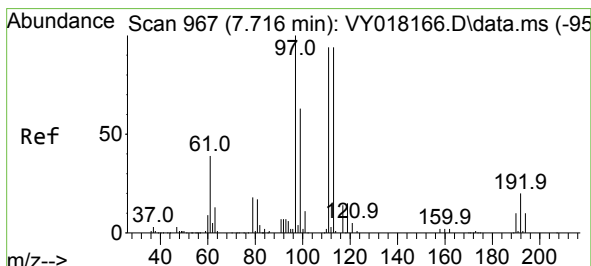
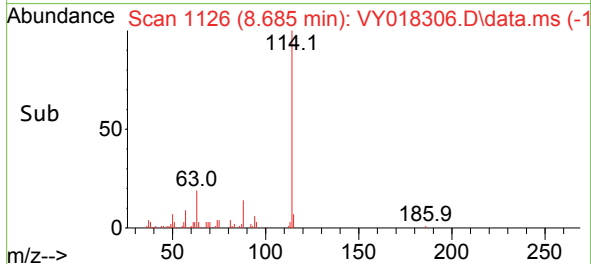
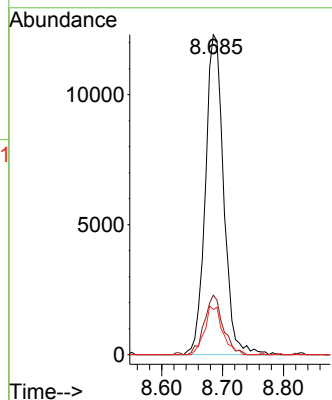
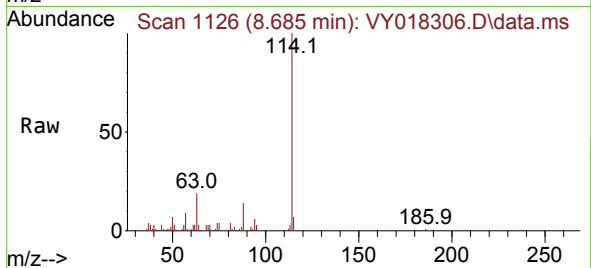
Tgt Ion:114 Resp: 25683

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.646 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018306.D

Acq: 17 May 2024 14:22

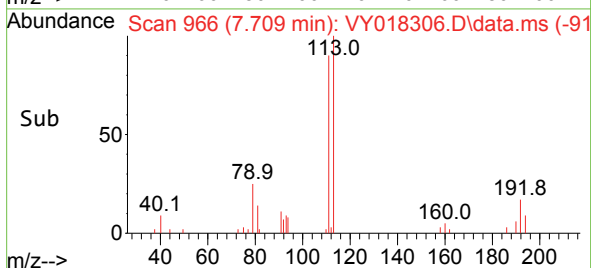
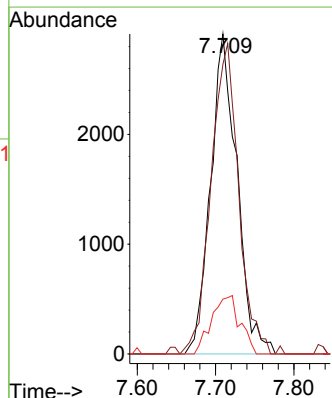
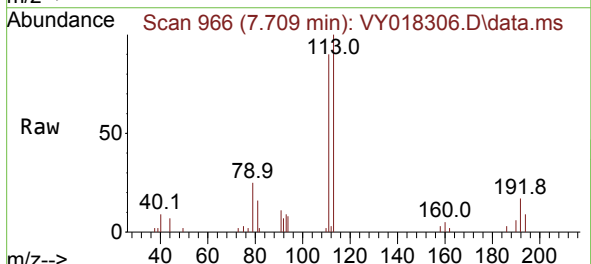
Tgt Ion:113 Resp: 6836

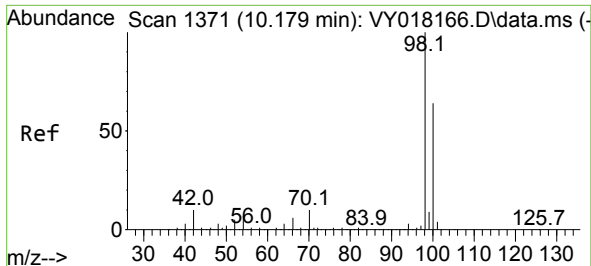
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 19.6 15.9 23.9

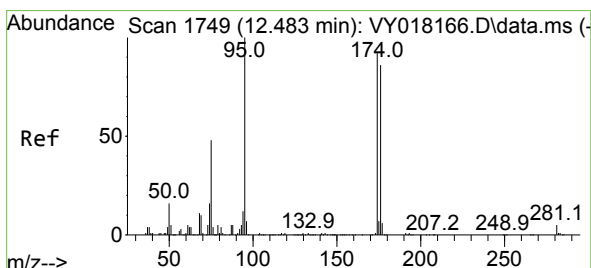
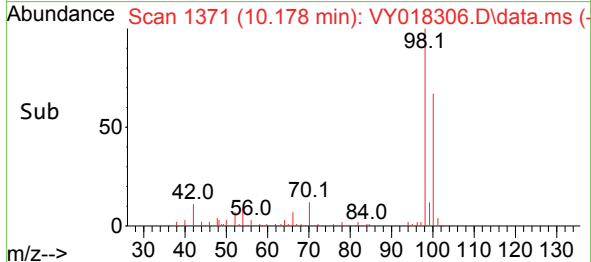
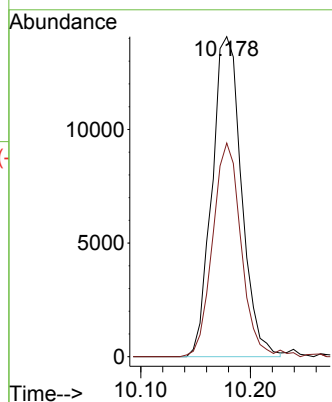
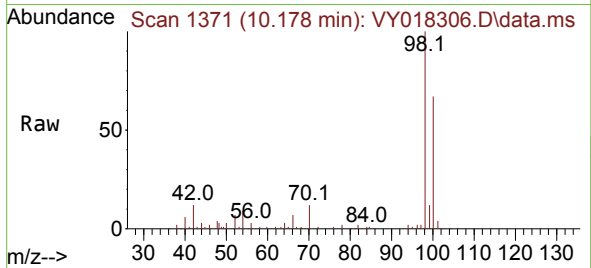




#50
Toluene-d8
Concen: 49.540 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018306.D
Acq: 17 May 2024 14:22

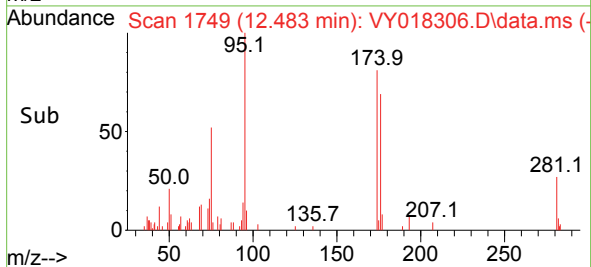
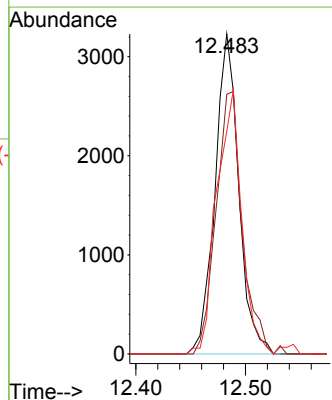
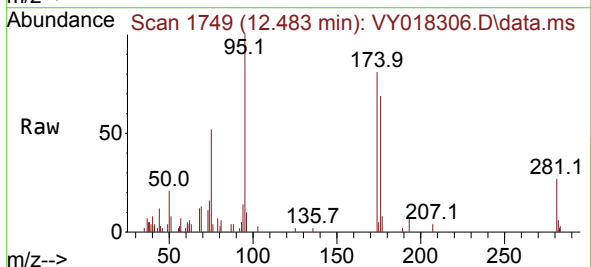
Instrument :
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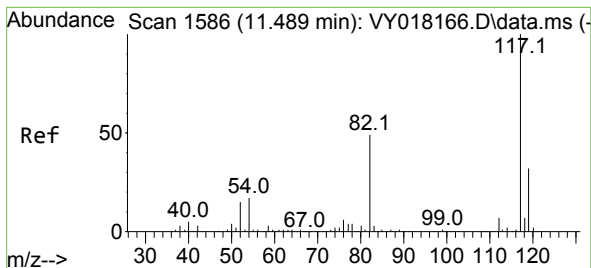
Tgt Ion: 98 Resp: 26350
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.352 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018306.D
Acq: 17 May 2024 14:22

Tgt Ion: 95 Resp: 4870
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 86.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018306.D

Acq: 17 May 2024 14:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-17

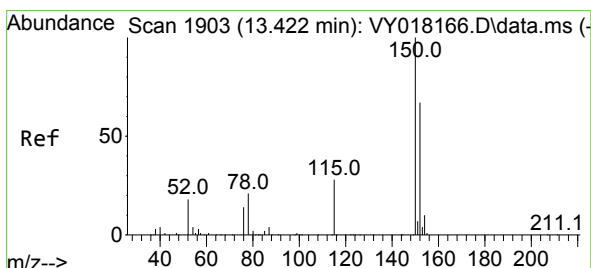
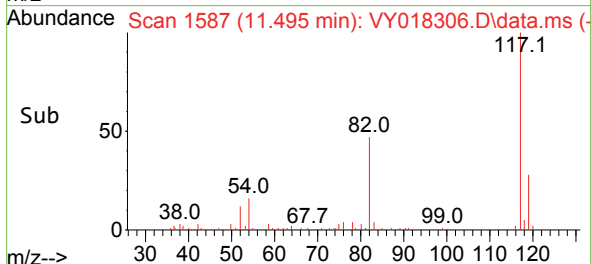
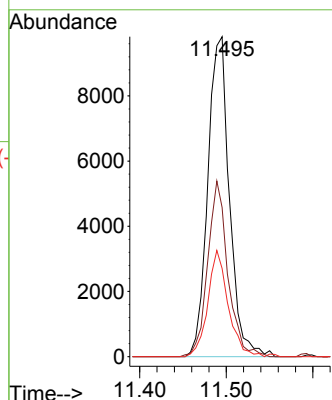
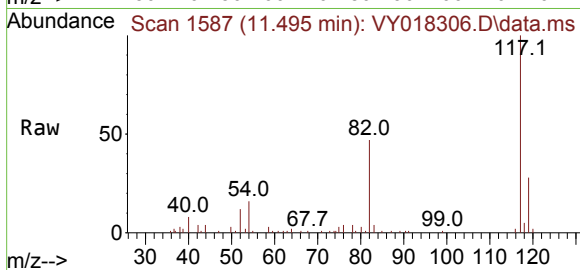
Tgt Ion:117 Resp: 17047

Ion Ratio Lower Upper

117 100

82 46.6 42.4 63.6

119 27.6 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: VY018306.D

Acq: 17 May 2024 14:22

Tgt Ion:152 Resp: 3877

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 160.1 0.0 345.6

