

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018307.D
 Acq On : 17 May 2024 14:46
 Operator : SY/MD
 Sample : P2496-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24376

Quant Time: May 18 00:50:20 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	148597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75958	69.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.960%
35) Dibromofluoromethane	7.710	113	82970	56.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.880%
50) Toluene-d8	10.179	98	317914	54.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.477	95	87705	46.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.760%

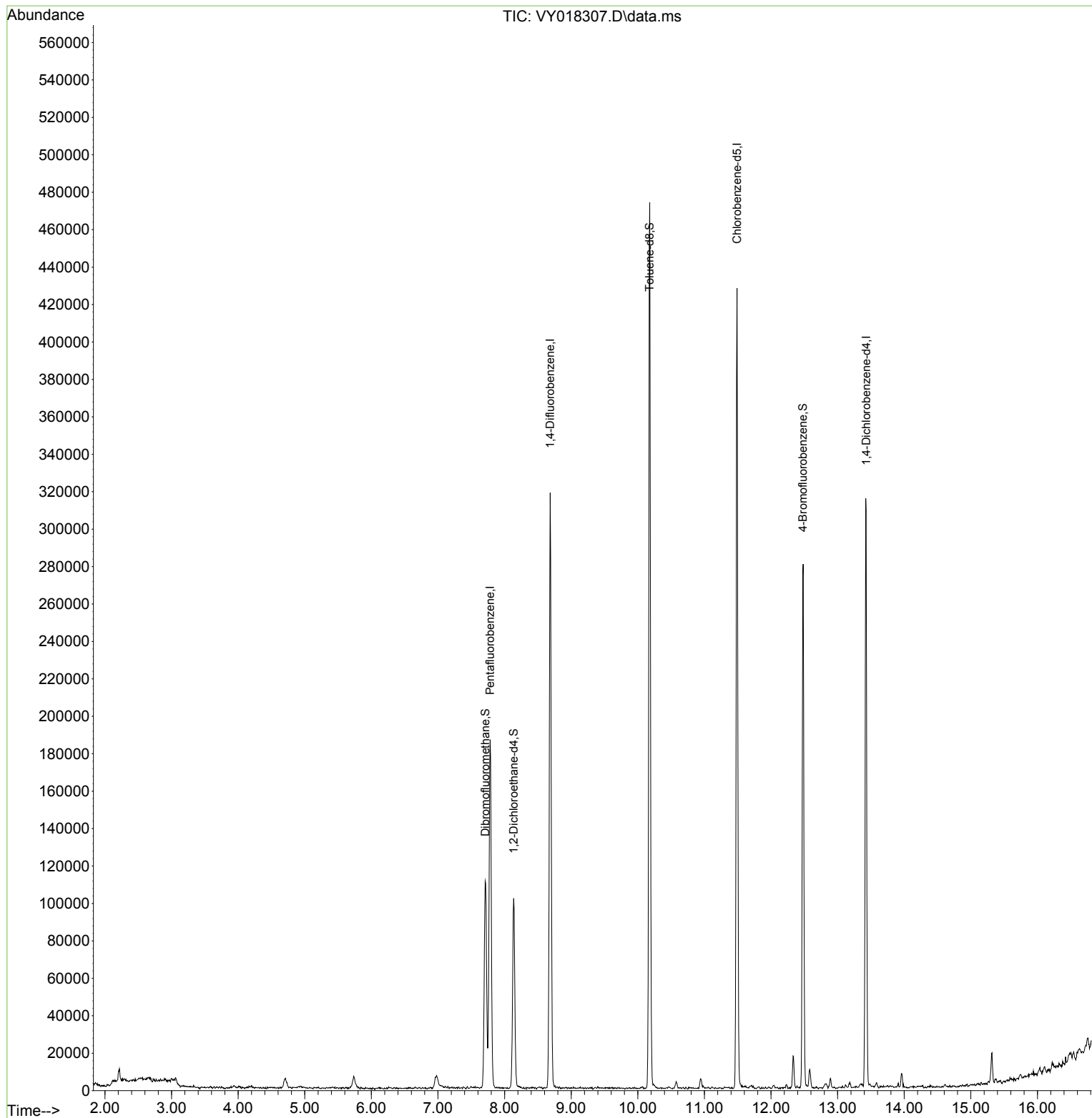
Target Compounds	Qvalue

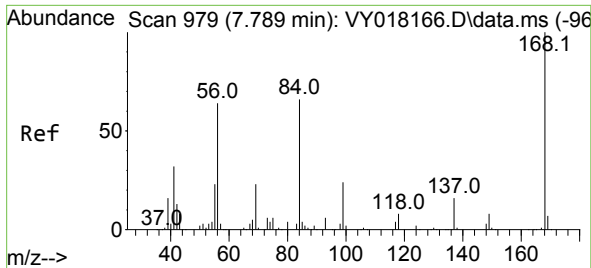
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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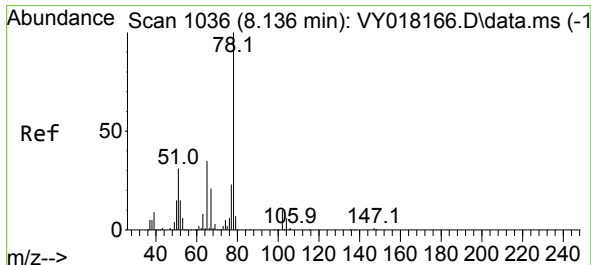
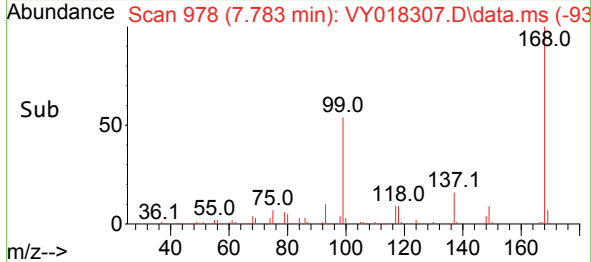
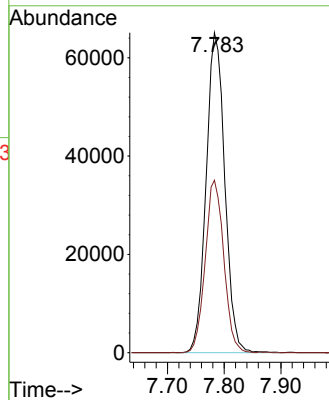
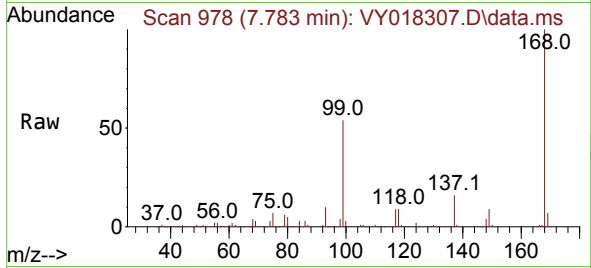




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

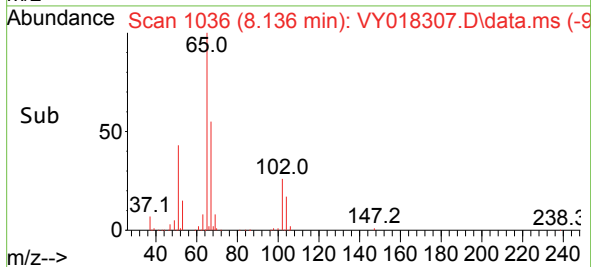
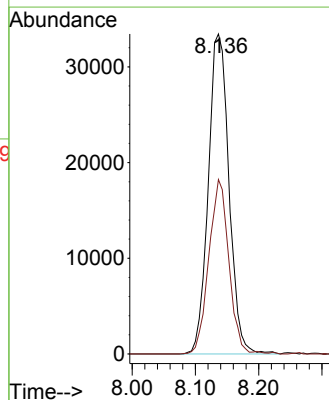
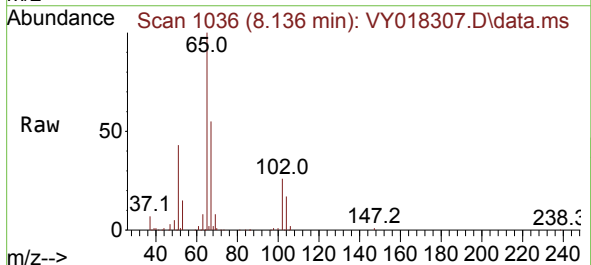
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24376

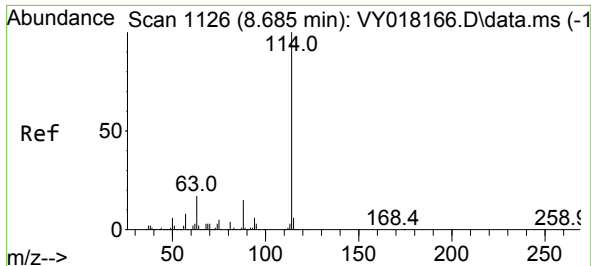
Tgt Ion:168 Resp: 148597
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 69.483 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 65 Resp: 75958
Ion Ratio Lower Upper
65 100
67 52.8 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: VY018307.D

Acq: 17 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24376

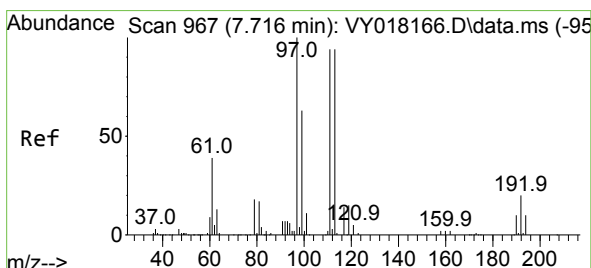
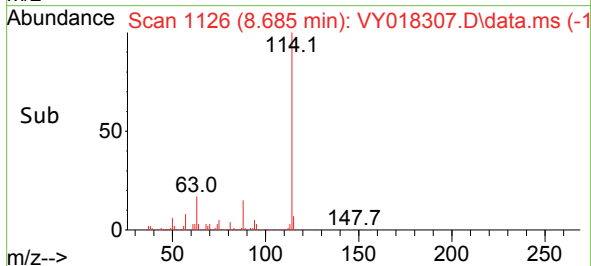
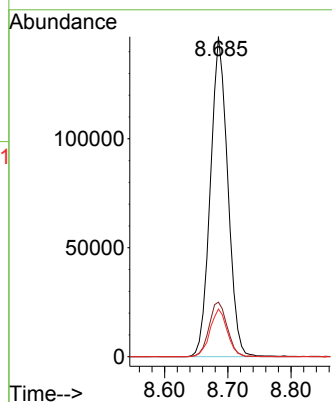
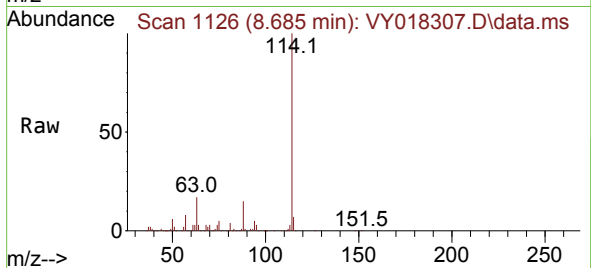
Tgt Ion:114 Resp: 279732

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.438 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018307.D

Acq: 17 May 2024 14:46

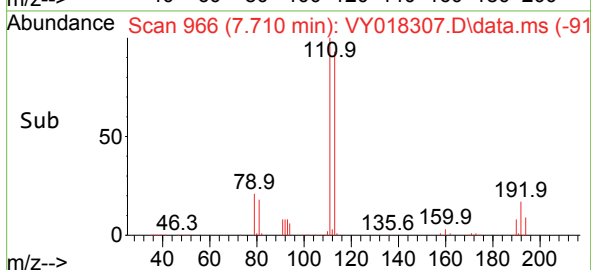
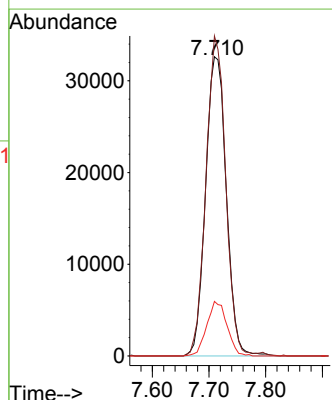
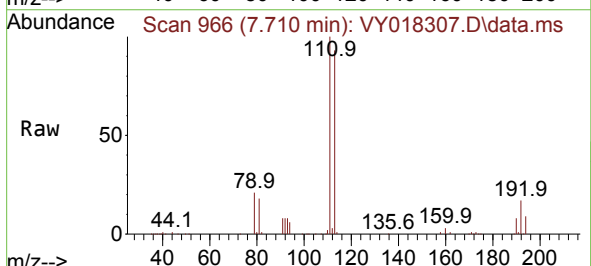
Tgt Ion:113 Resp: 82970

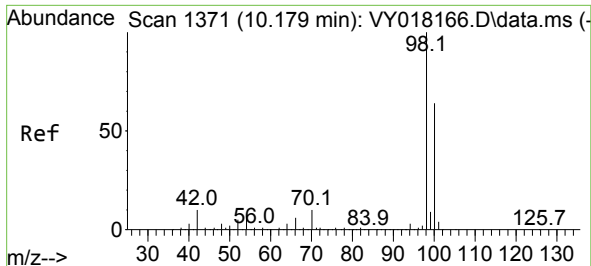
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 17.8 15.9 23.9

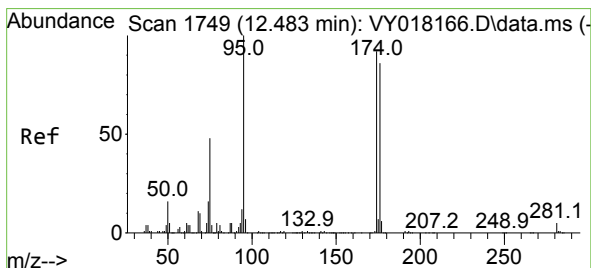
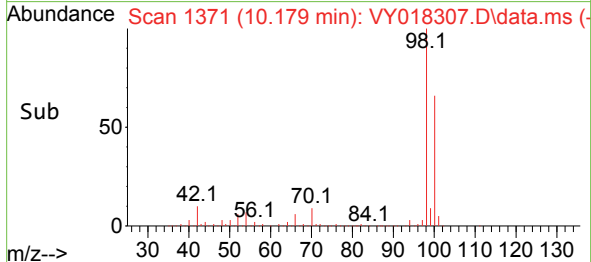
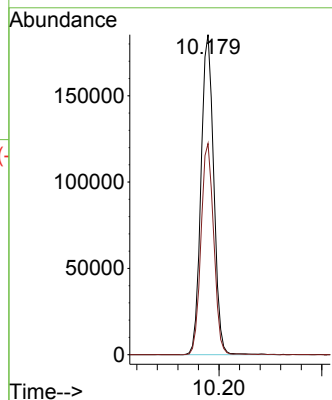
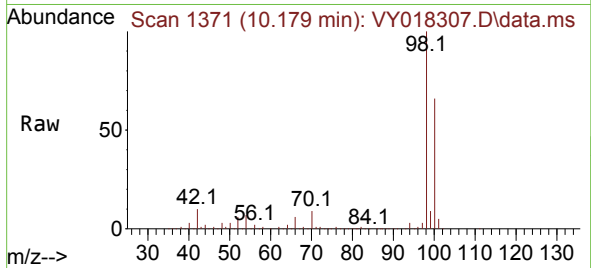




#50
Toluene-d8
Concen: 54.877 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

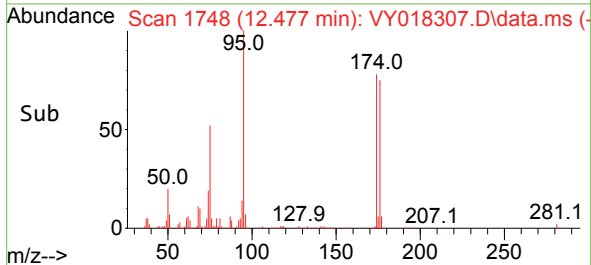
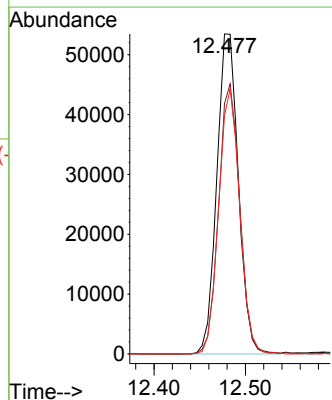
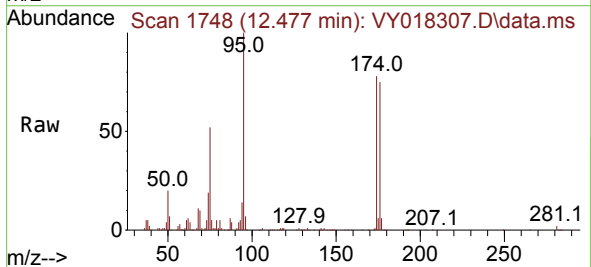
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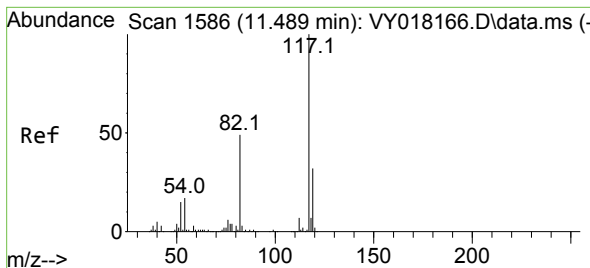
Tgt Ion: 98 Resp: 317914
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018307.D
Acq: 17 May 2024 14:46

Tgt Ion: 95 Resp: 87705
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.6
176 80.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018307.D

Acq: 17 May 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24376

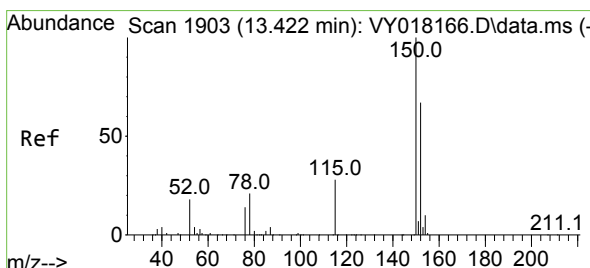
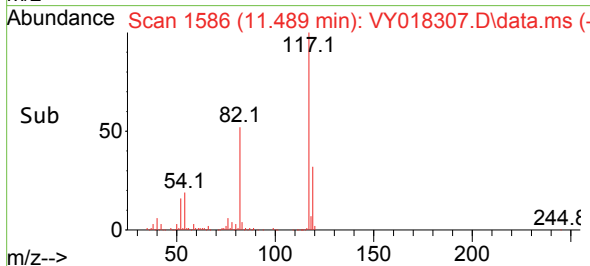
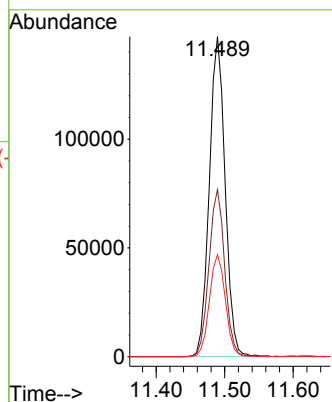
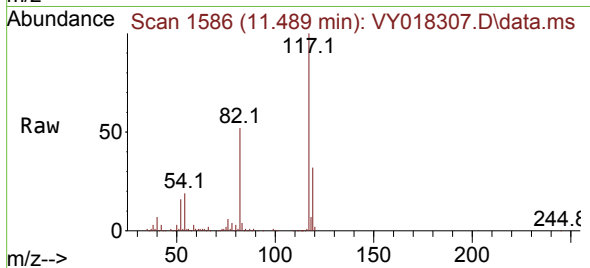
Tgt Ion:117 Resp: 236514

Ion Ratio Lower Upper

117 100

82 52.3 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: VY018307.D

Acq: 17 May 2024 14:46

Tgt Ion:152 Resp: 81544

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 157.1 0.0 345.6

