

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018308.D
 Acq On : 17 May 2024 15:10
 Operator : SY/MD
 Sample : P2496-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-28452

Quant Time: May 18 00:50:51 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	139718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73452	71.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.920%
35) Dibromofluoromethane	7.709	113	80111	56.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.040%
50) Toluene-d8	10.179	98	306075	54.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.483	95	88535	49.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.180%

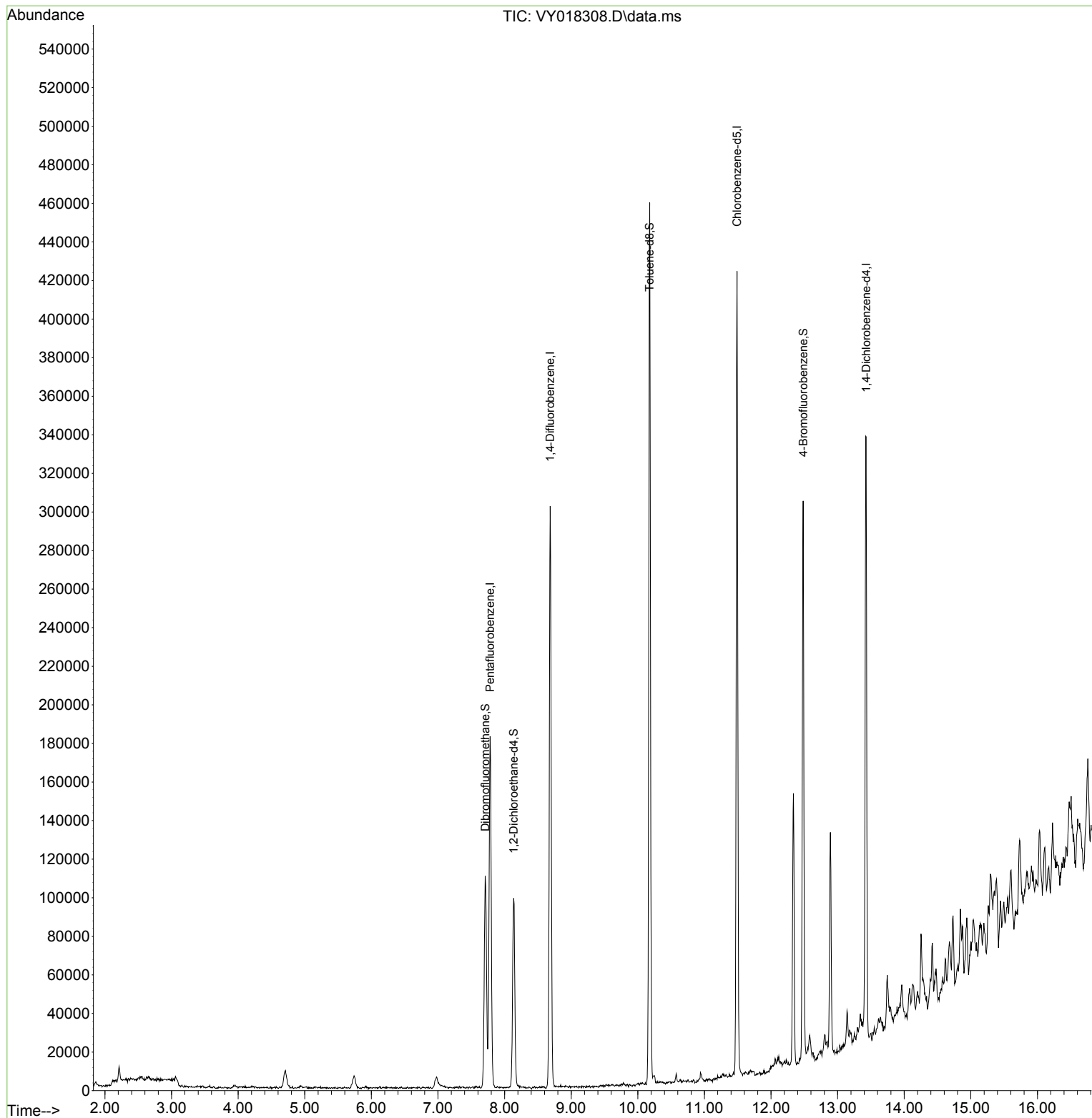
Target Compounds	Qvalue

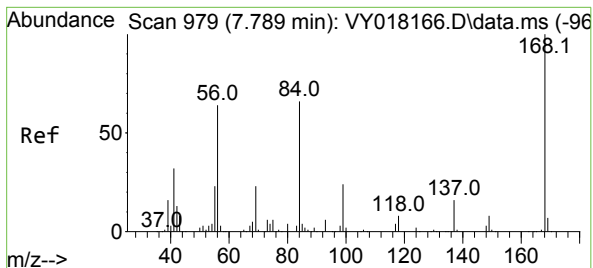
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

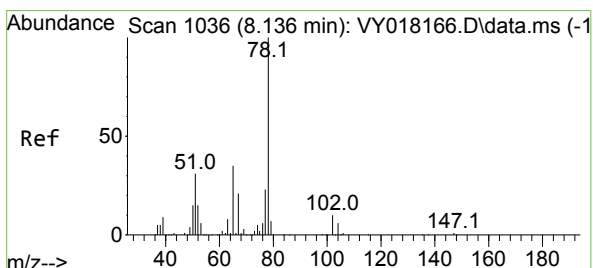
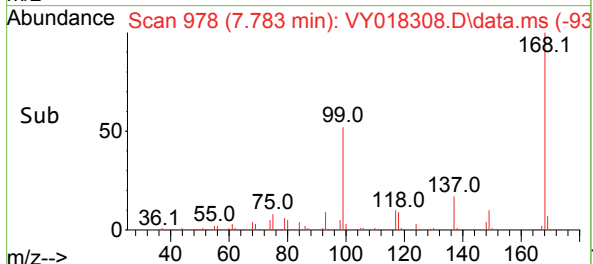
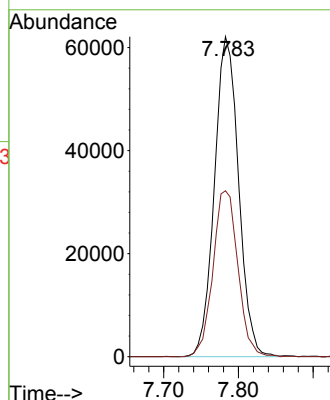
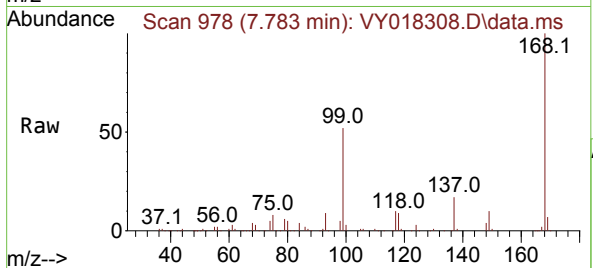
CHRT-28452

Tgt Ion:168 Resp: 139718

Ion Ratio Lower Upper

168 100

99 51.8 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 71.461 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018308.D

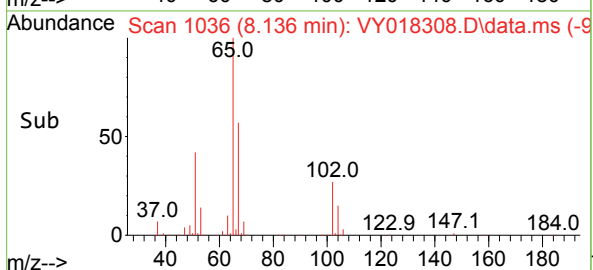
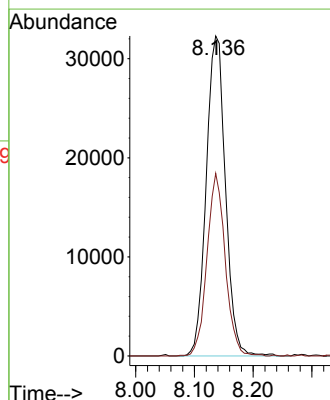
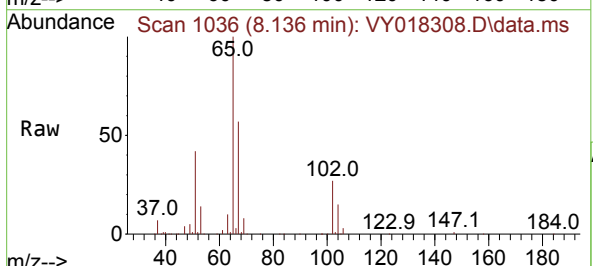
Acq: 17 May 2024 15:10

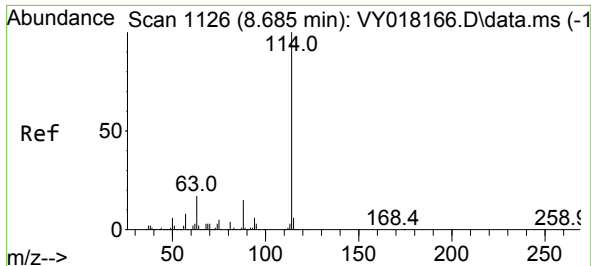
Tgt Ion: 65 Resp: 73452

Ion Ratio Lower Upper

65 100

67 54.2 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: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-28452

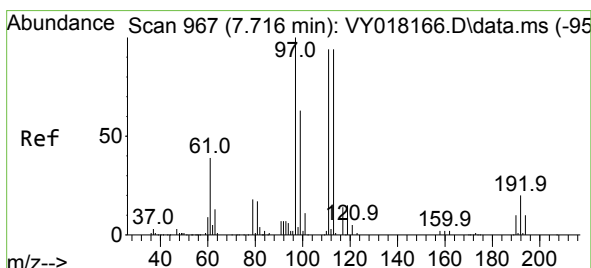
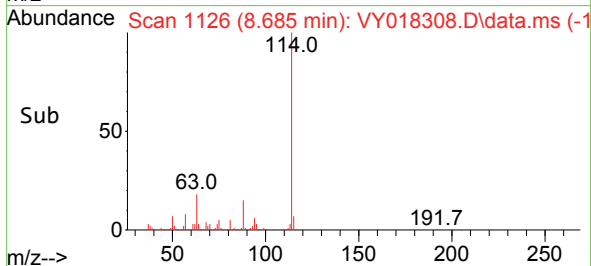
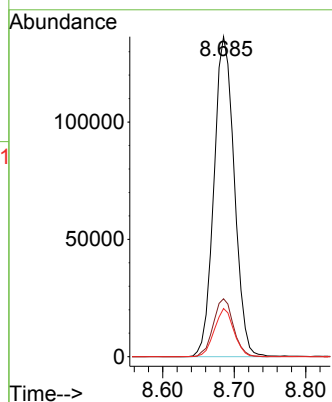
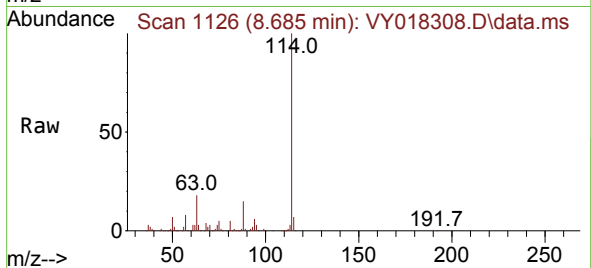
Tgt Ion:114 Resp: 269675

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.525 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018308.D

Acq: 17 May 2024 15:10

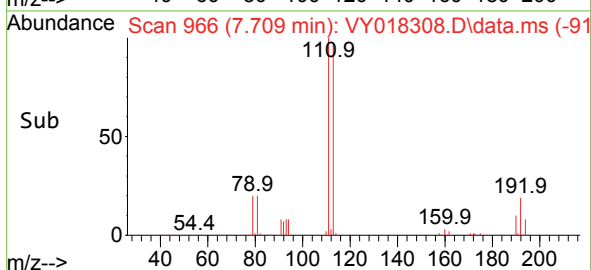
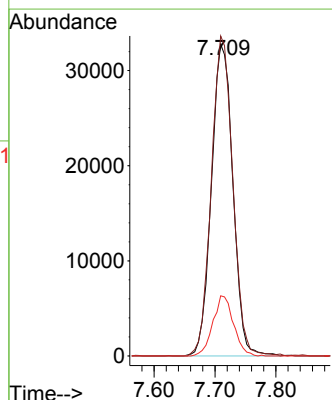
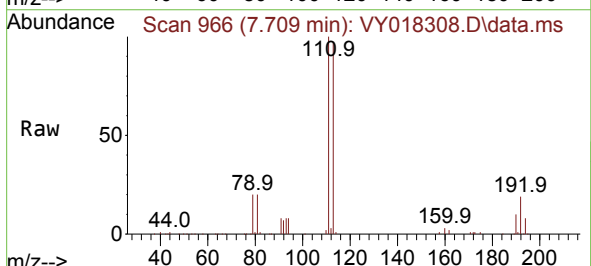
Tgt Ion:113 Resp: 80111

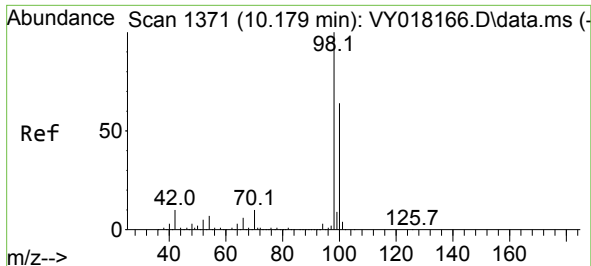
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 18.5 15.9 23.9

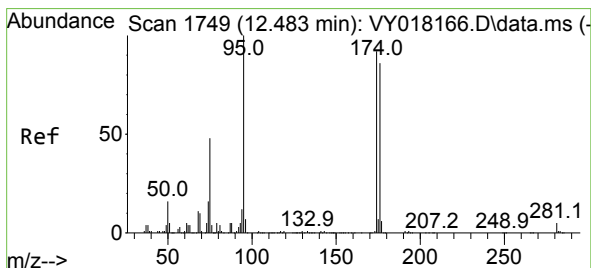
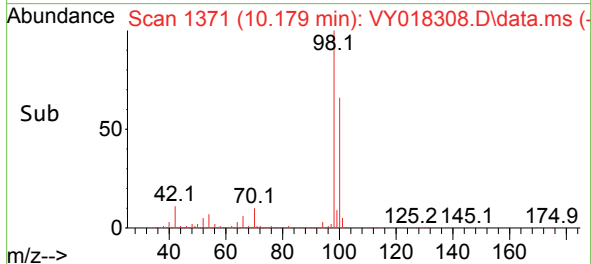
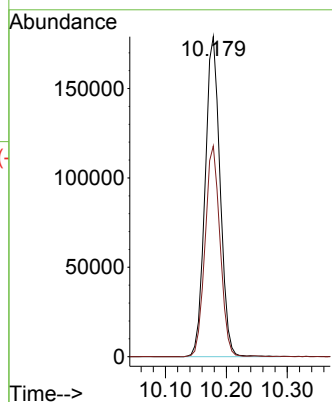
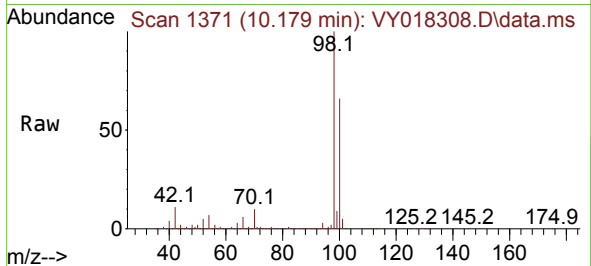




#50
Toluene-d8
Concen: 54.804 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

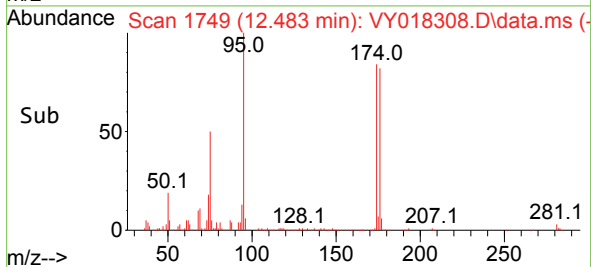
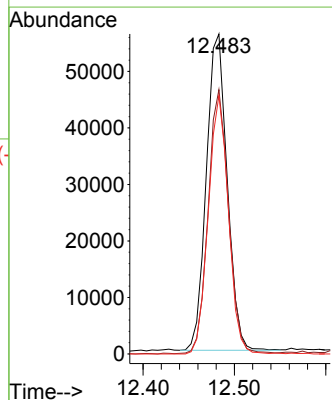
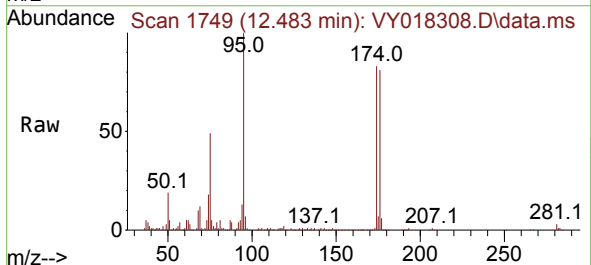
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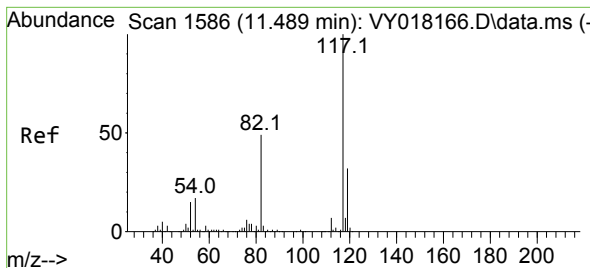
Tgt Ion: 98 Resp: 306075
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Tgt Ion: 95 Resp: 88535
Ion Ratio Lower Upper
95 100
174 81.7 0.0 175.6
176 78.8 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: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-28452

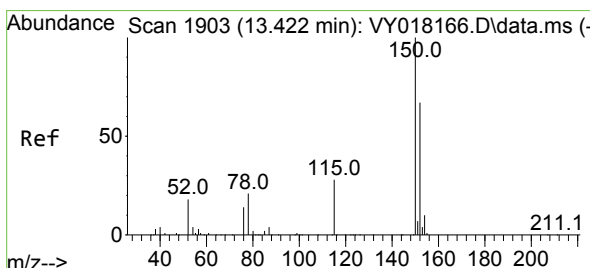
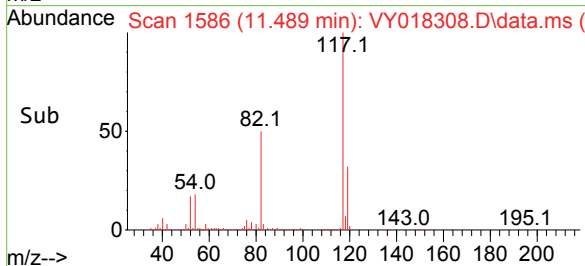
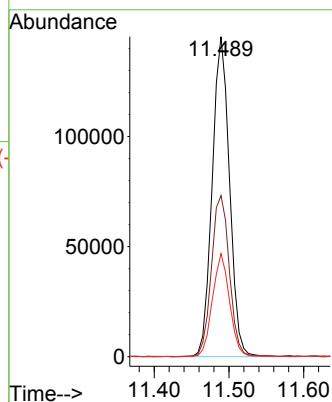
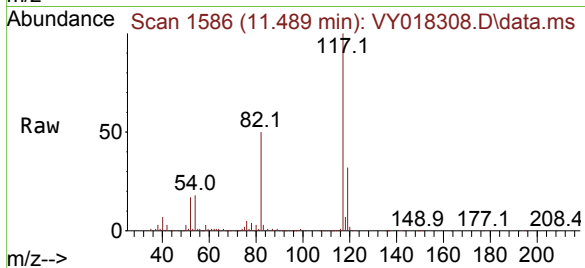
Tgt Ion:117 Resp: 234419

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 32.1 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: VY018308.D

Acq: 17 May 2024 15:10

Tgt Ion:152 Resp: 82981

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 155.4 0.0 345.6

