

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012965.D
 Acq On : 16 Mar 2023 12:56
 Operator : KP/MD
 Sample : 01924-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT26700

Quant Time: Mar 17 01:34:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	84105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53189	63.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.400%
35) Dibromofluoromethane	7.716	113	48563	56.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.179	98	176580	55.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.483	95	60352	56.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.840%

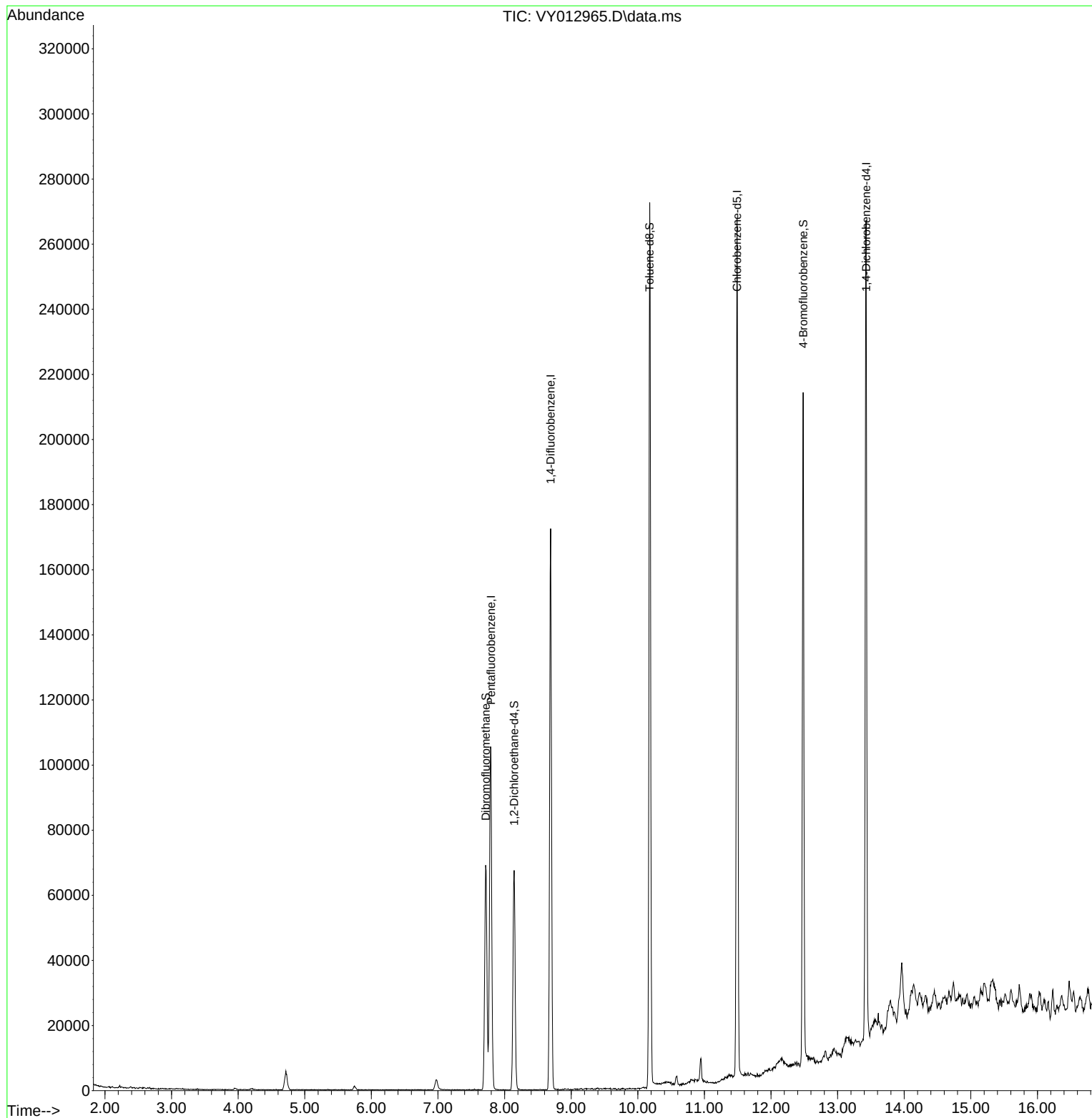
Target Compounds	Qvalue

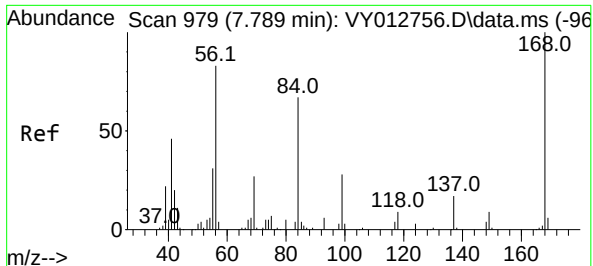
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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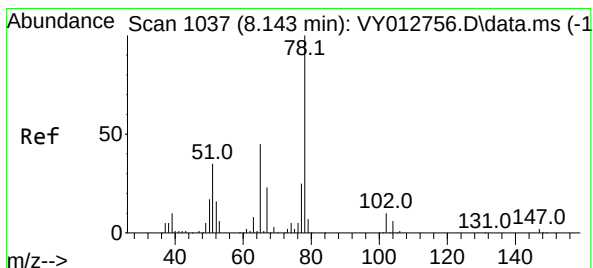
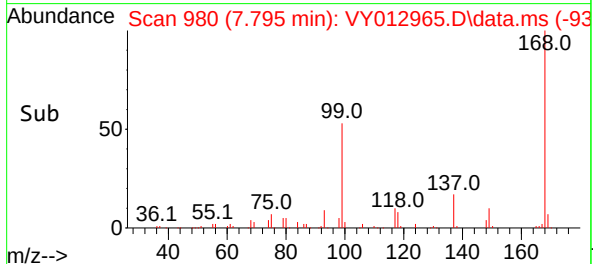
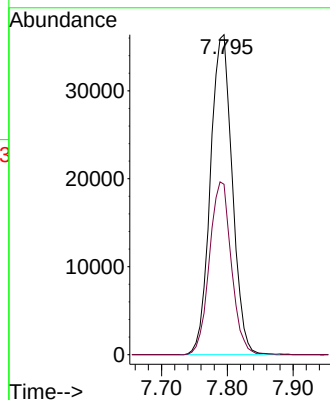
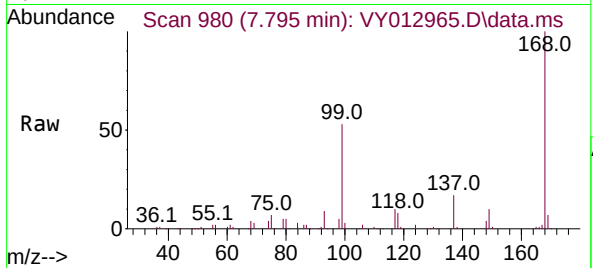




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

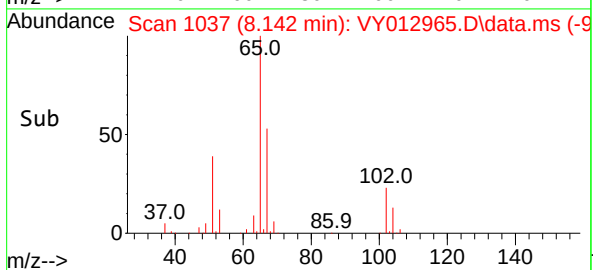
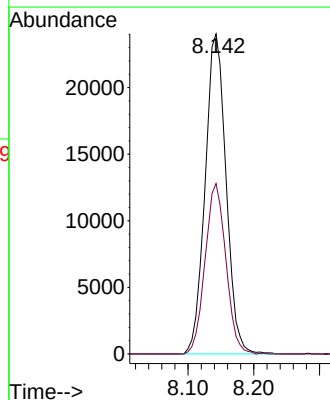
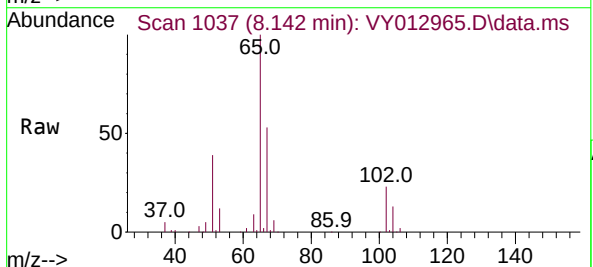
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26700

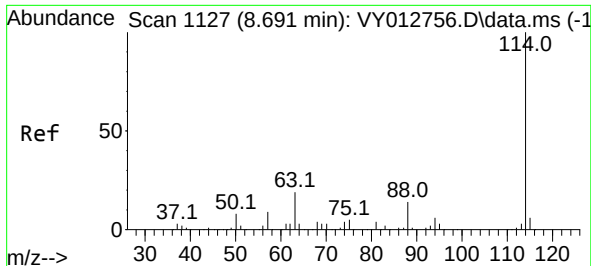
Tgt Ion:168 Resp: 84105
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.695 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 65 Resp: 53189
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

CHRT26700

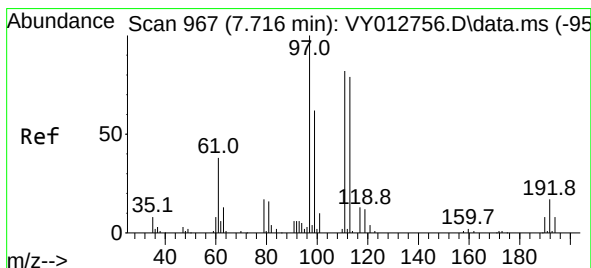
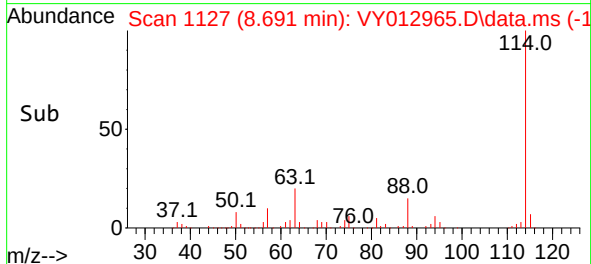
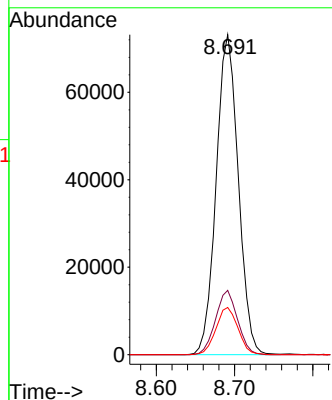
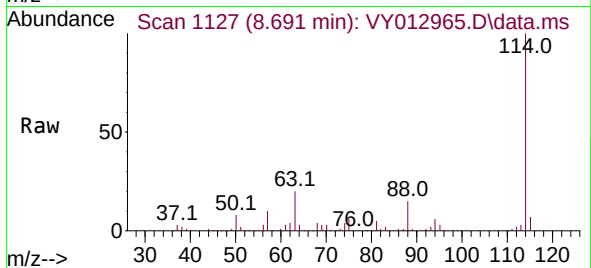
Tgt Ion:114 Resp: 143638

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.022 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

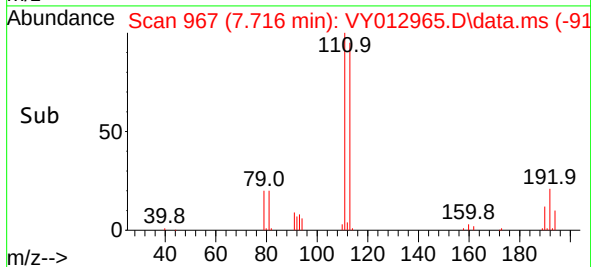
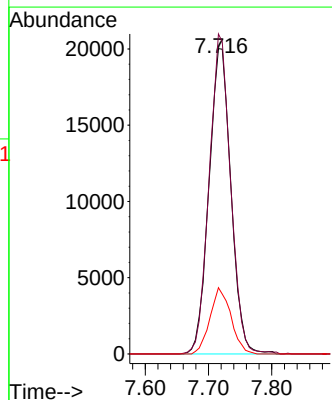
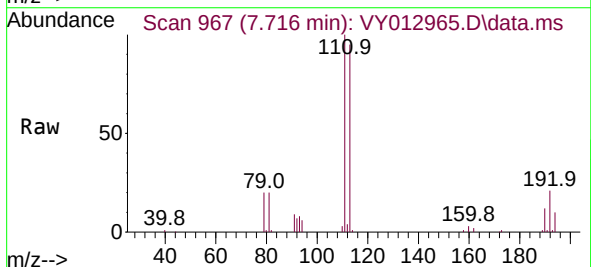
Tgt Ion:113 Resp: 48563

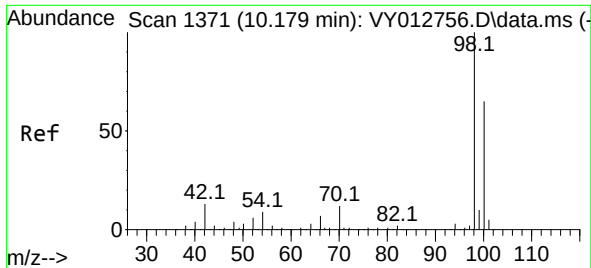
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 20.6 16.8 25.2

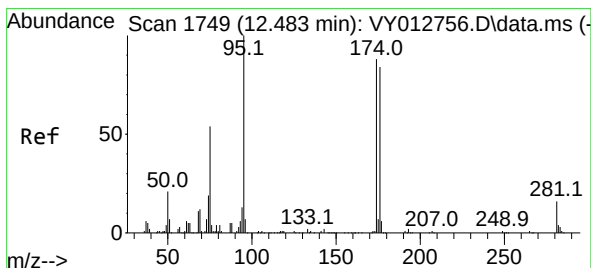
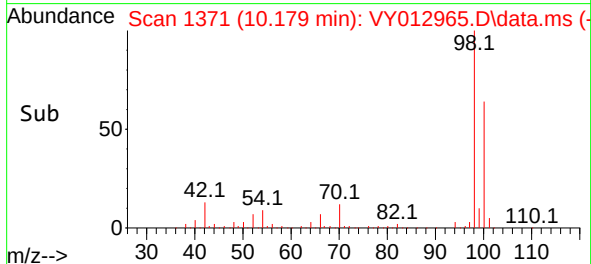
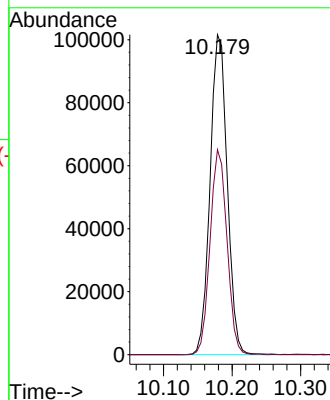
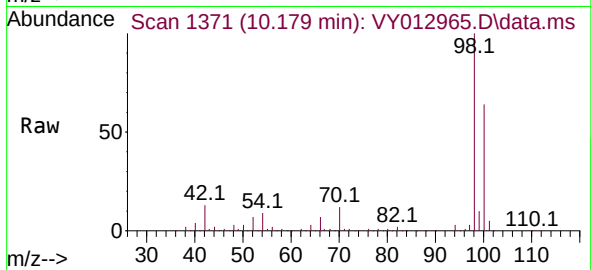




#50
Toluene-d8
Concen: 55.720 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

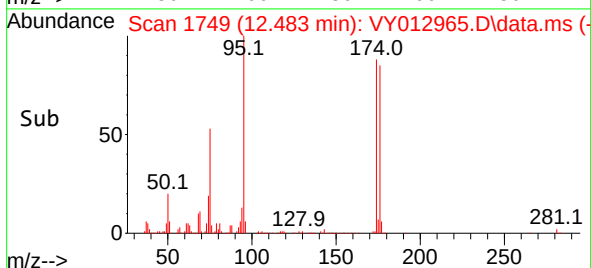
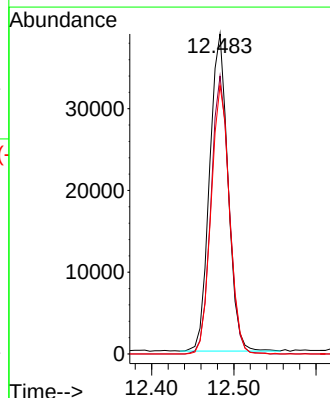
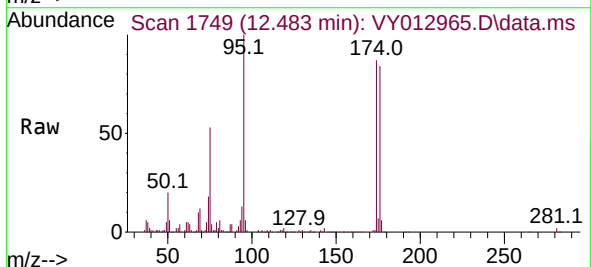
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ClientSampleId :
CHRT26700

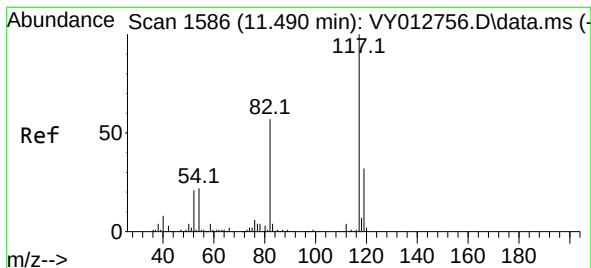
Tgt Ion: 98 Resp: 176580
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 56.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012965.D
Acq: 16 Mar 2023 12:56

Tgt Ion: 95 Resp: 60352
Ion Ratio Lower Upper
95 100
174 86.7 0.0 176.6
176 84.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

CHRT26700

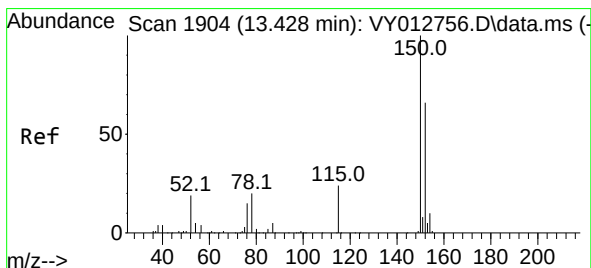
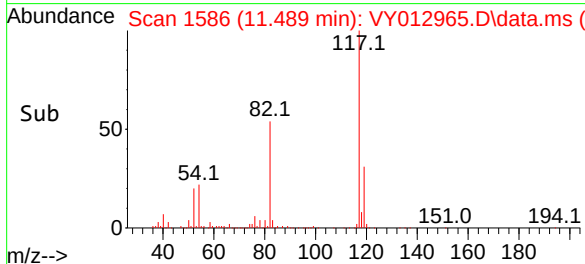
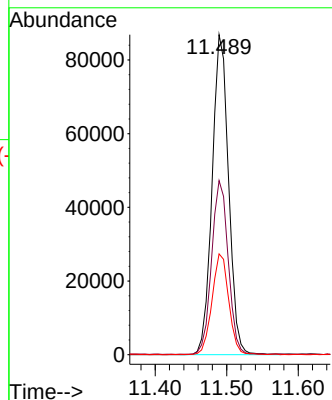
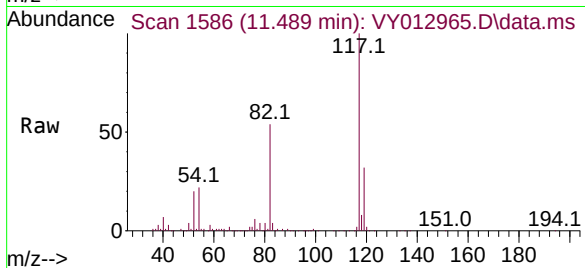
Tgt Ion:117 Resp: 138848

Ion Ratio Lower Upper

117 100

82 54.3 45.4 68.0

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012965.D

Acq: 16 Mar 2023 12:56

Tgt Ion:152 Resp: 64882

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 155.4 0.0 347.8

