

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016306.D
 Acq On : 10 Nov 2023 14:22
 Operator : SY/MD
 Sample : 05351-03
 Misc : 5.01 g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11985

Quant Time: Nov 10 22:21:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	98261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63513	70.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.440%
35) Dibromofluoromethane	7.722	113	54784	54.930	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.185	98	206156	50.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.483	95	75181	57.234	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.460%

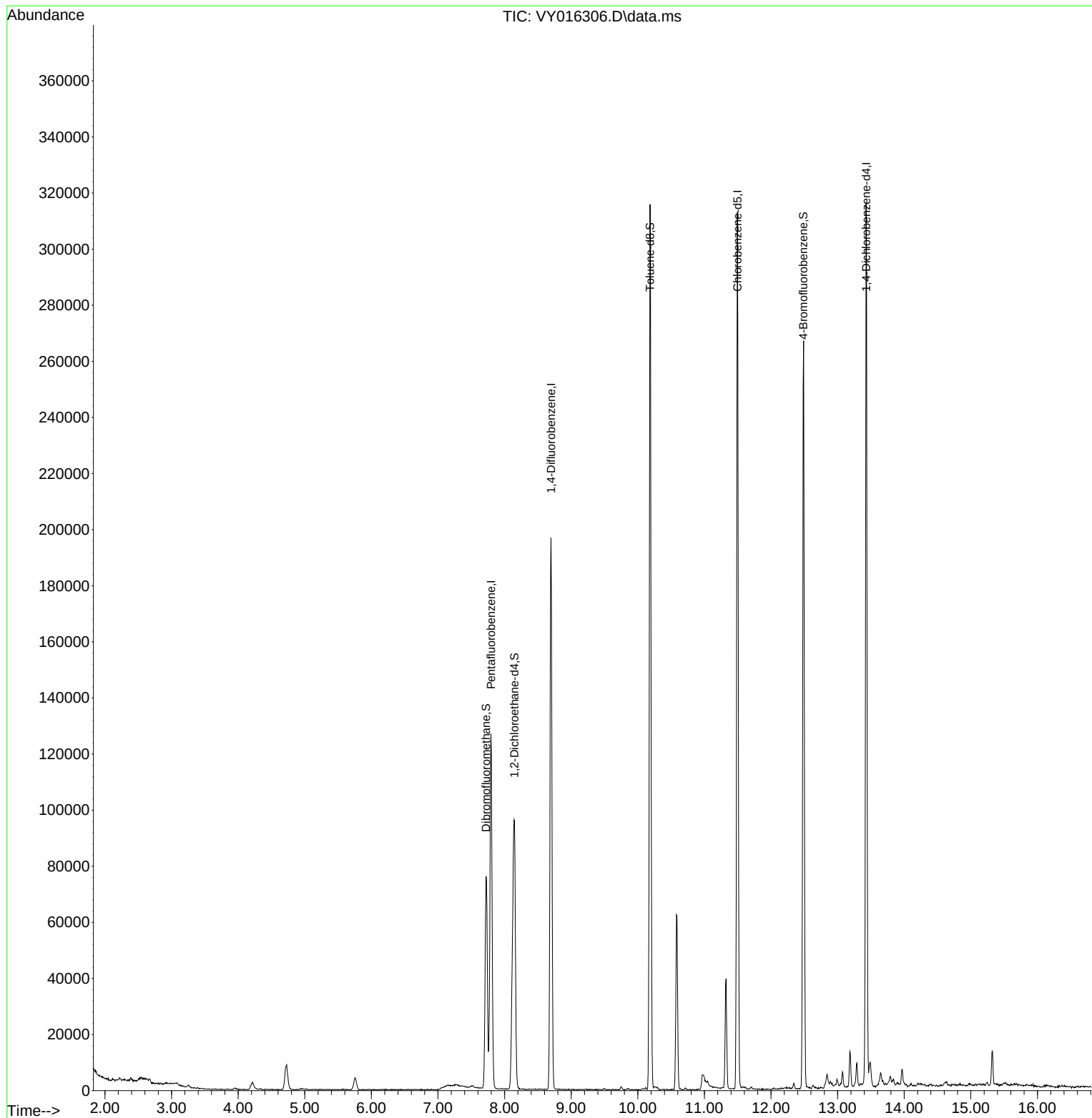
Target Compounds	Qvalue

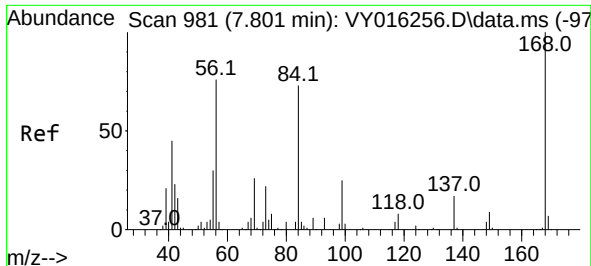
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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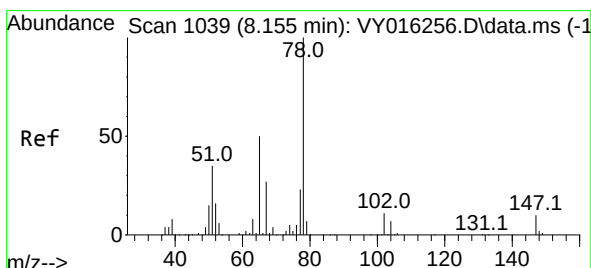
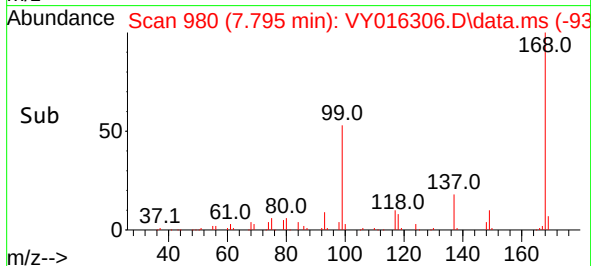
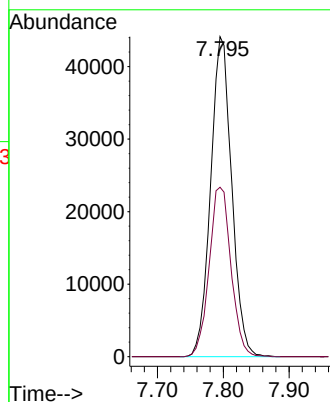
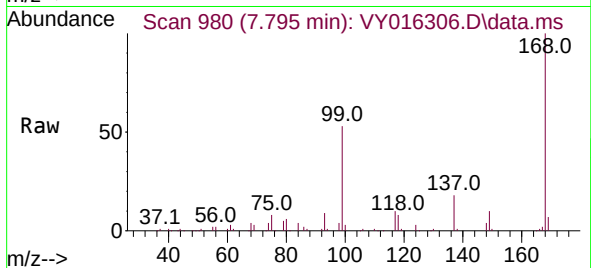




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016306.D
Acq: 10 Nov 2023 14:22

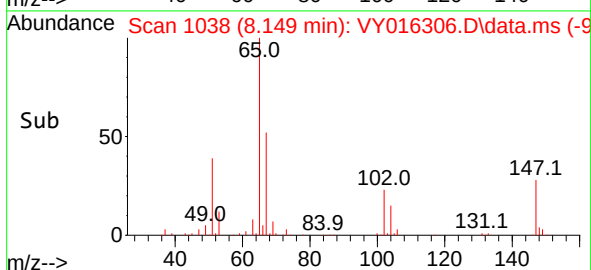
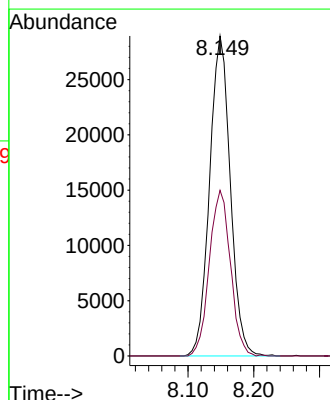
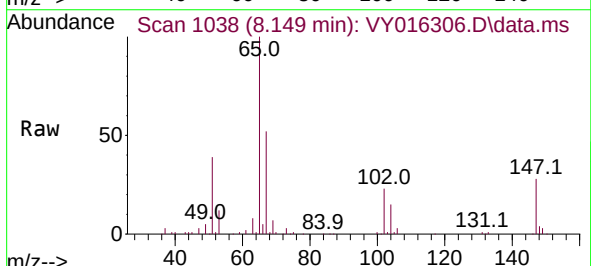
Instrument :
MSVOA_Y
ClientSampleId :
72-11985

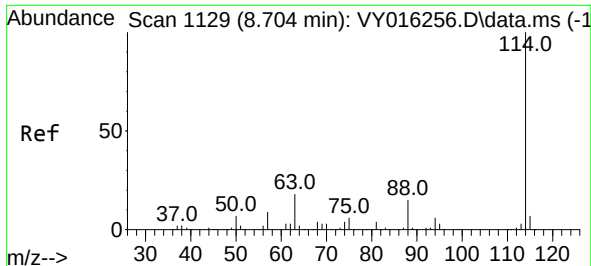
Tgt Ion:168 Resp: 98261
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.722 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016306.D
Acq: 10 Nov 2023 14:22

Tgt Ion: 65 Resp: 63513
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016306.D

Acq: 10 Nov 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

72-11985

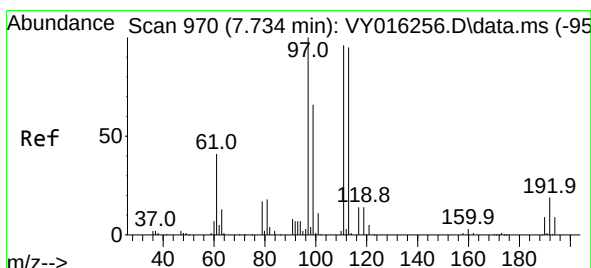
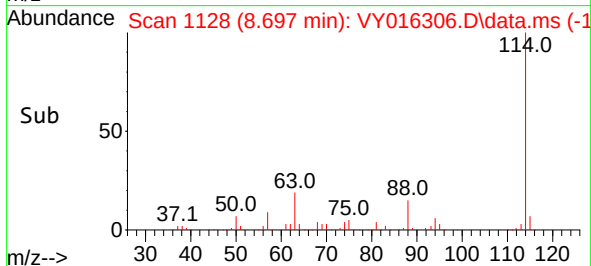
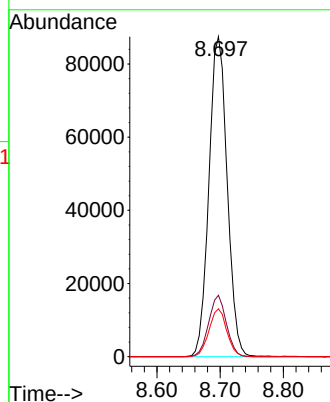
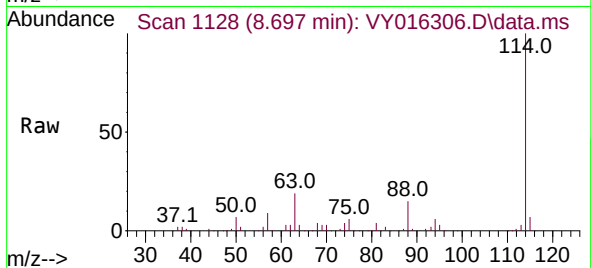
Tgt Ion:114 Resp: 175570

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.930 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016306.D

Acq: 10 Nov 2023 14:22

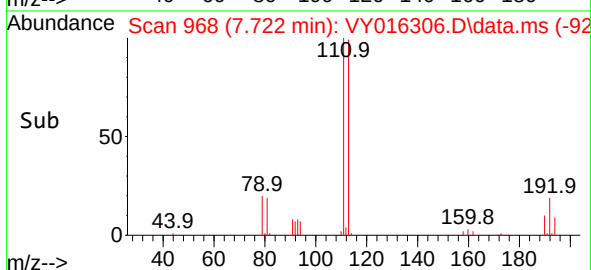
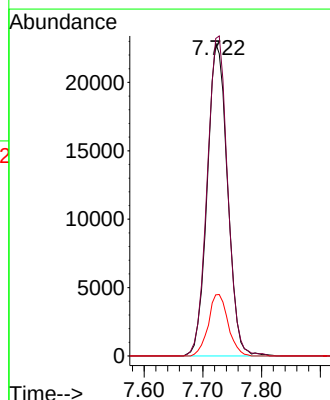
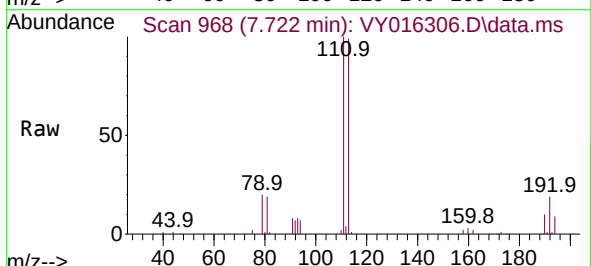
Tgt Ion:113 Resp: 54784

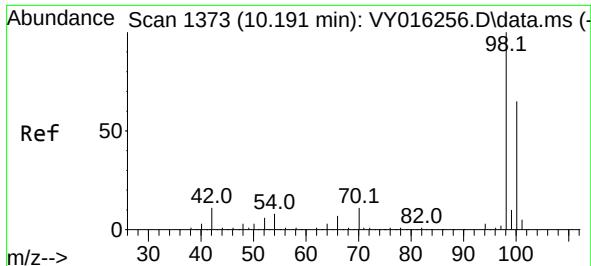
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.2 16.9 25.3

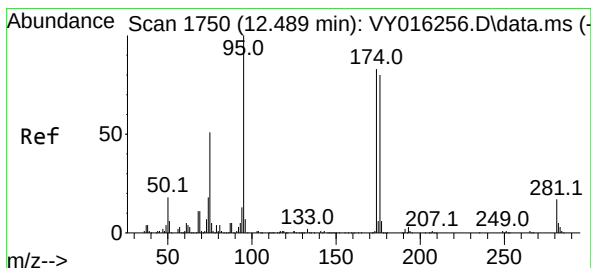
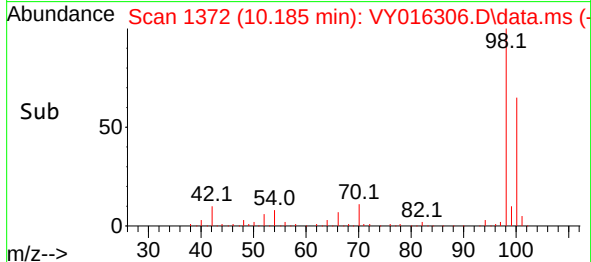
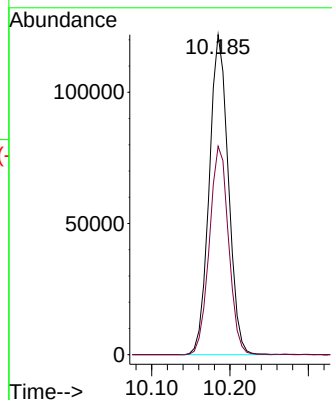
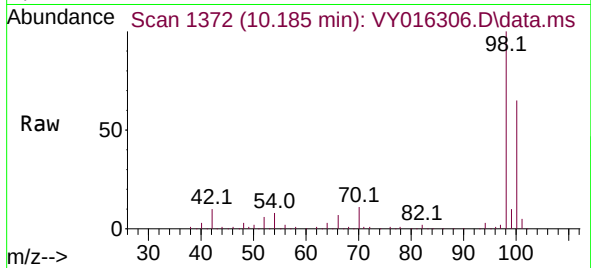




#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016306.D
Acq: 10 Nov 2023 14:22

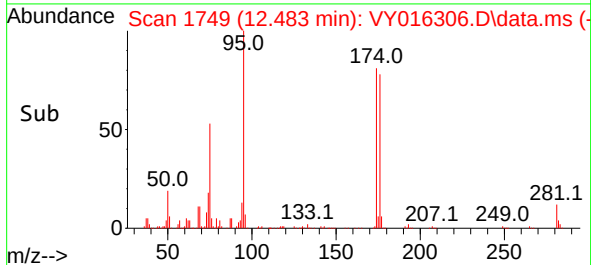
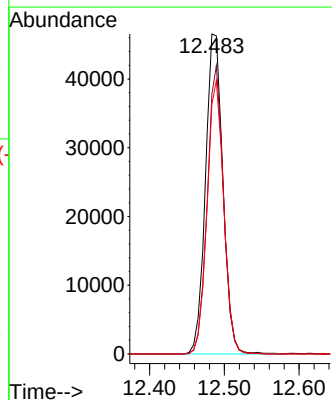
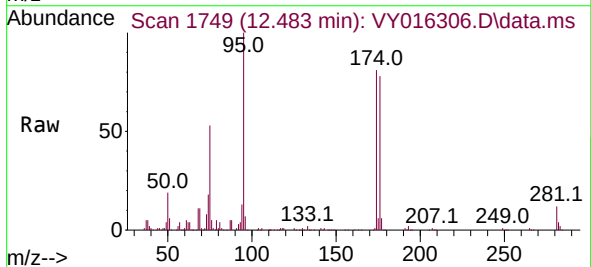
Instrument :
MSVOA_Y
ClientSampleId :
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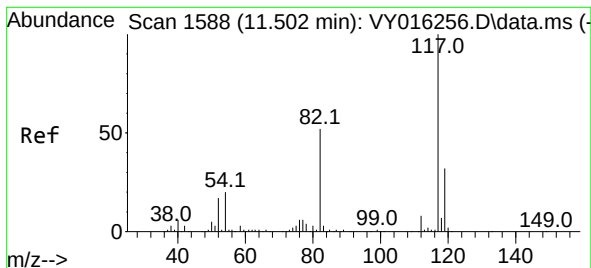
Tgt Ion: 98 Resp: 206156
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 57.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016306.D
Acq: 10 Nov 2023 14:22

Tgt Ion: 95 Resp: 75181
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016306.D

Acq: 10 Nov 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

72-11985

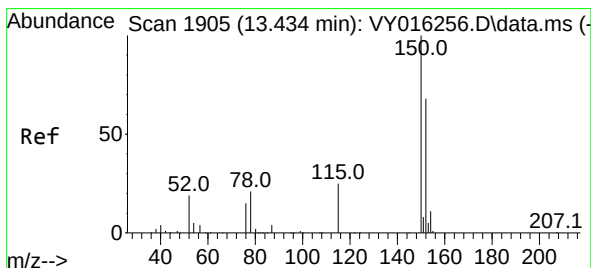
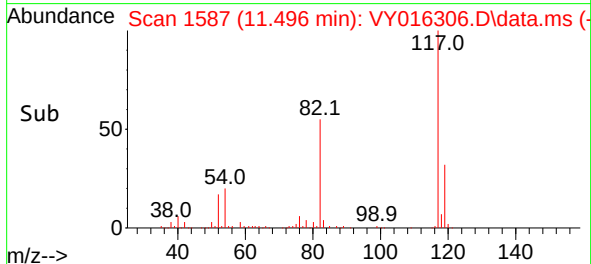
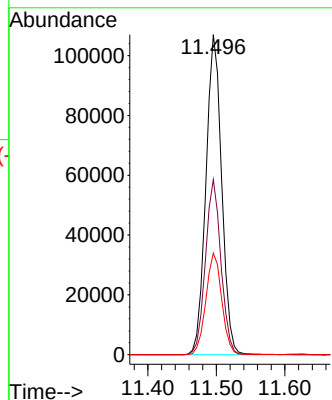
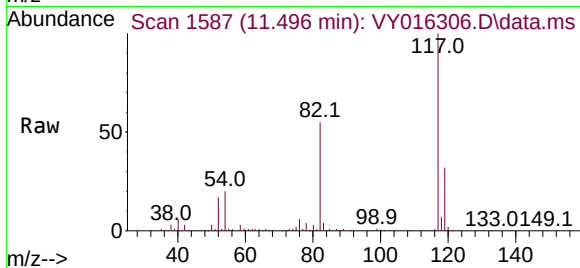
Tgt Ion:117 Resp: 171174

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016306.D

Acq: 10 Nov 2023 14:22

Tgt Ion:152 Resp: 80597

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 157.4 0.0 348.8

