

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016235.D
 Acq On : 06 Nov 2023 14:32
 Operator : SY/MD
 Sample : 05228-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26882

Quant Time: Nov 06 14:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	105173	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	184226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59259	60.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.728	113	52203	47.531	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.185	98	214740	49.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.483	95	69044	46.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.740%

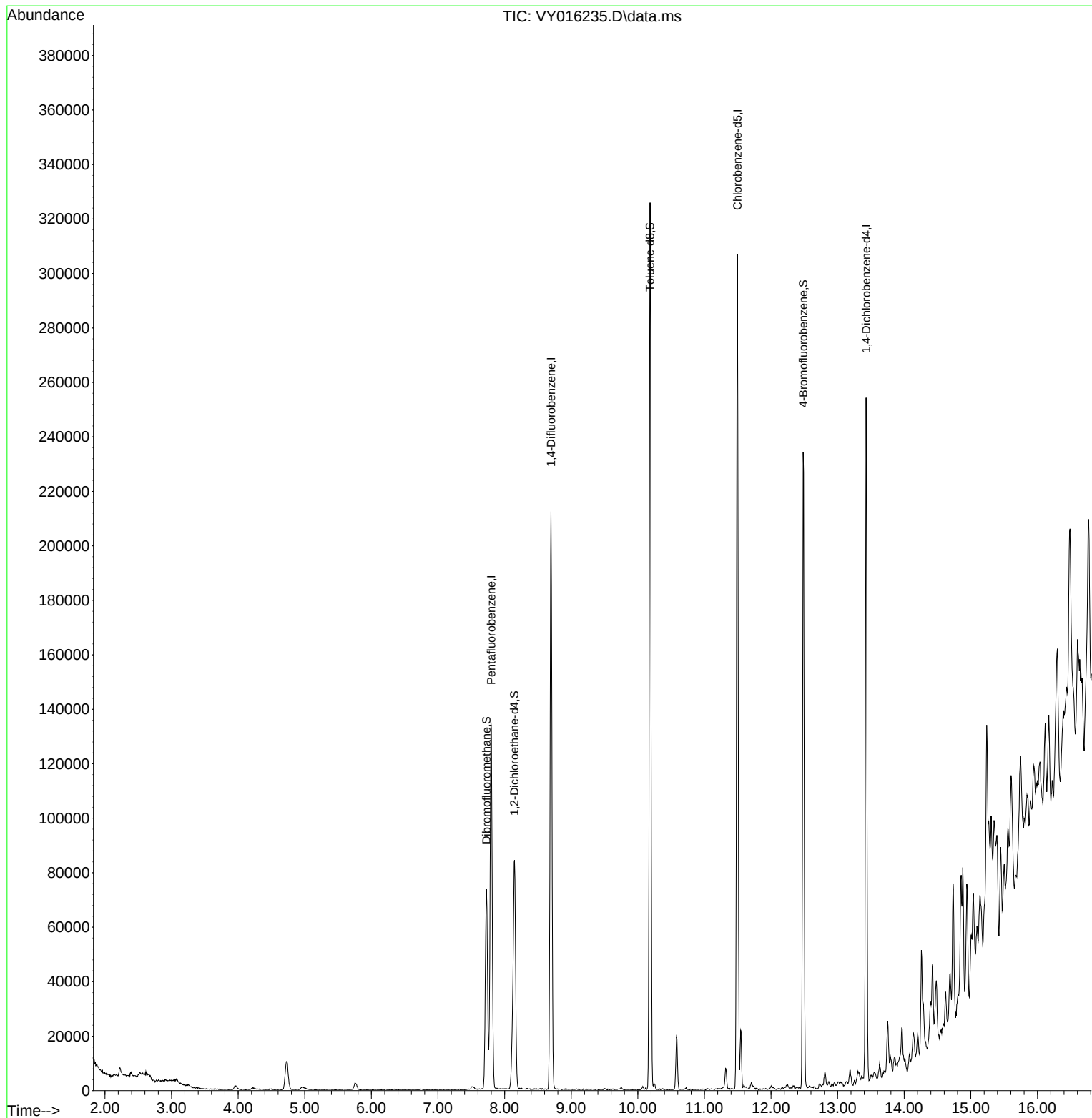
Target Compounds	Qvalue

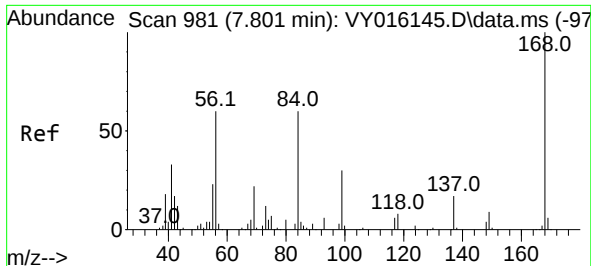
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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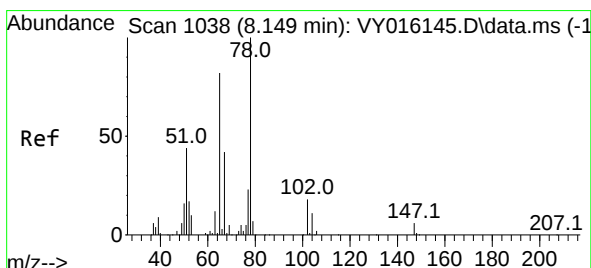
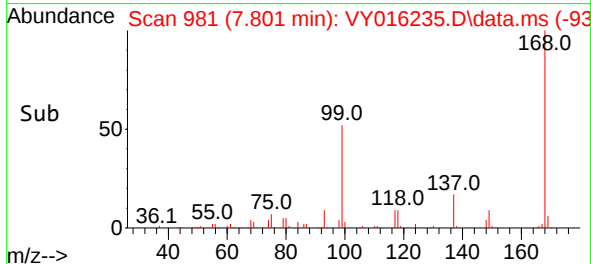
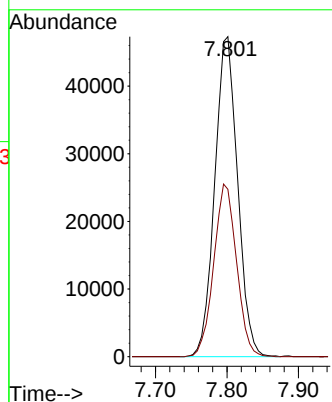
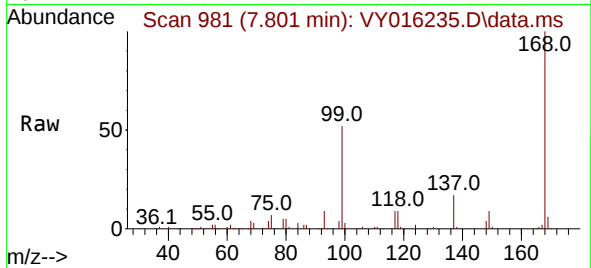




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016235.D
Acq: 06 Nov 2023 14:32

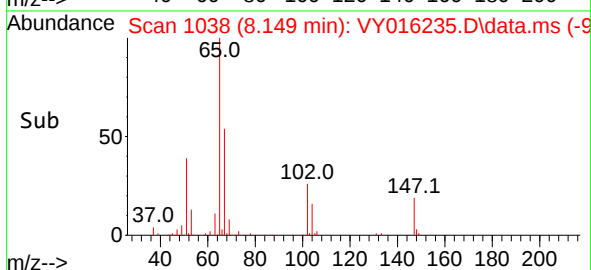
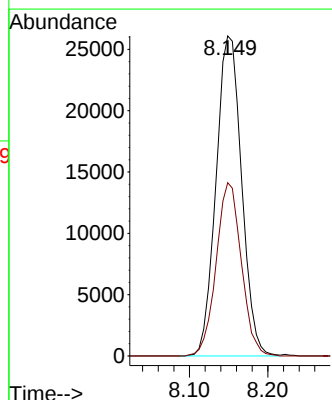
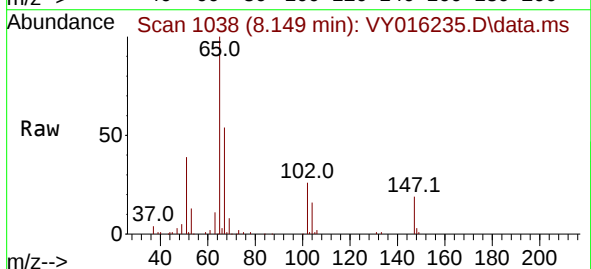
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

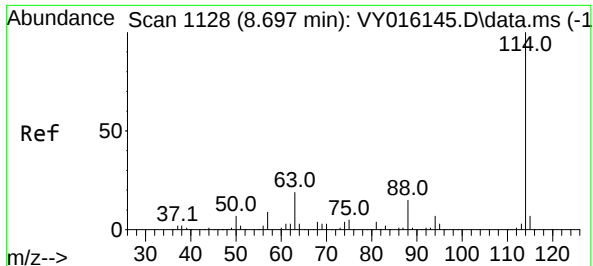
Tgt Ion:168 Resp: 105173
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.214 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016235.D
Acq: 06 Nov 2023 14:32

Tgt Ion: 65 Resp: 59259
Ion Ratio Lower Upper
65 100
67 53.2 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: VY016235.D

Acq: 06 Nov 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26882

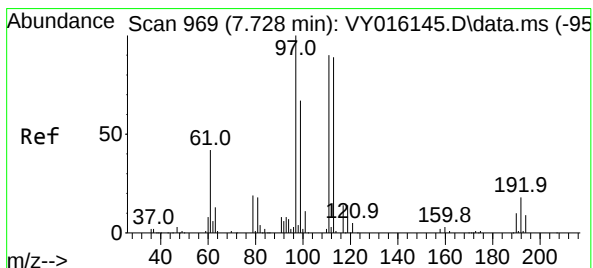
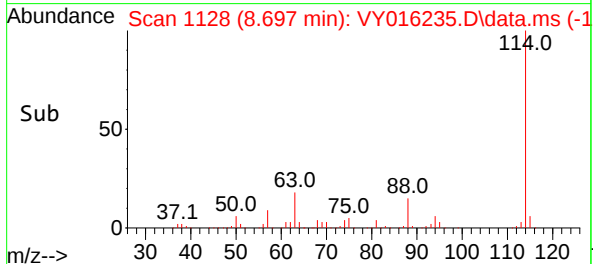
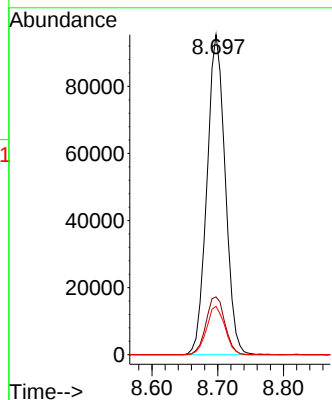
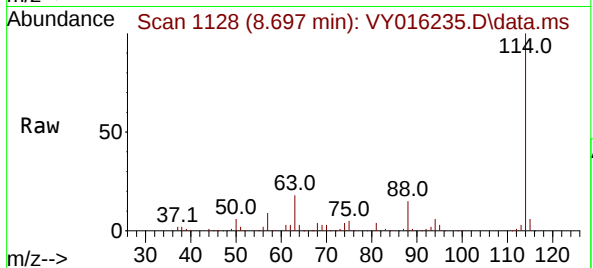
Tgt Ion:114 Resp: 184226

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.531 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY016235.D

Acq: 06 Nov 2023 14:32

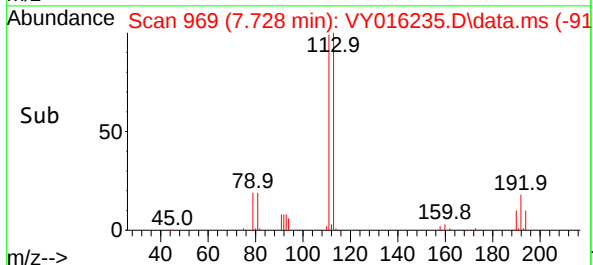
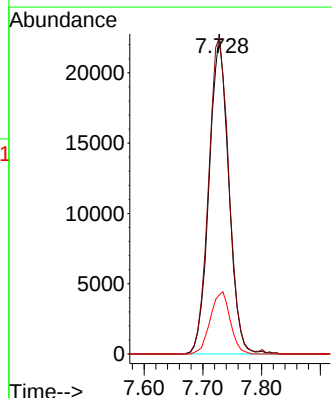
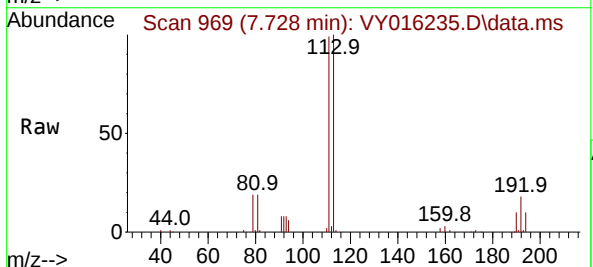
Tgt Ion:113 Resp: 52203

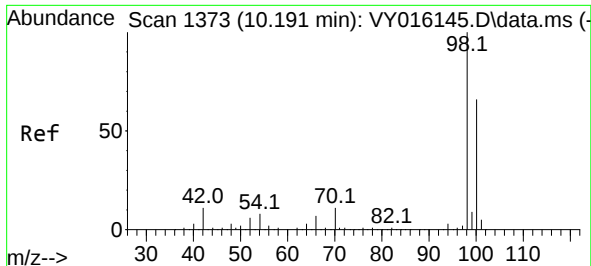
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 49.314 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016235.D

Acq: 06 Nov 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

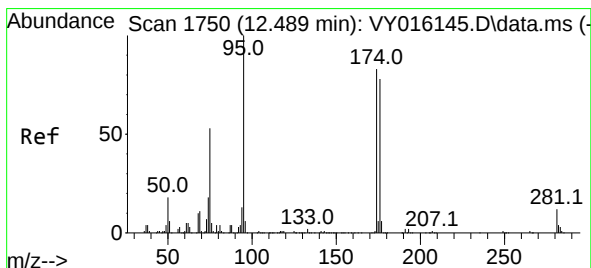
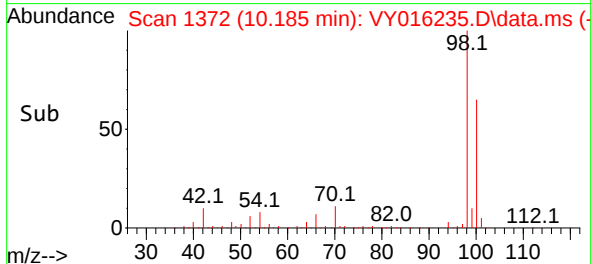
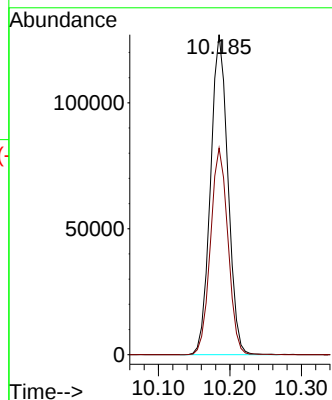
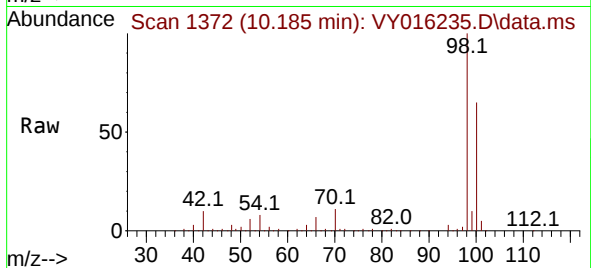
CHRT-26882

Tgt Ion: 98 Resp: 214740

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.369 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016235.D

Acq: 06 Nov 2023 14:32

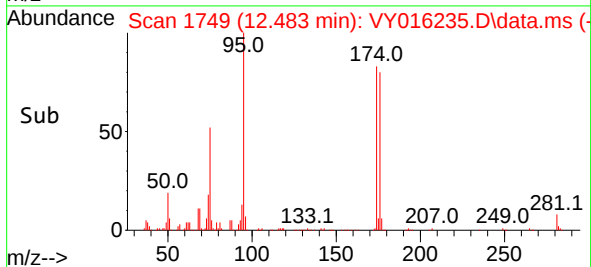
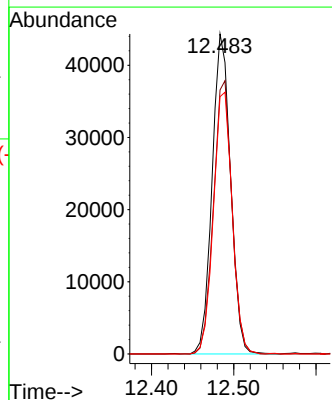
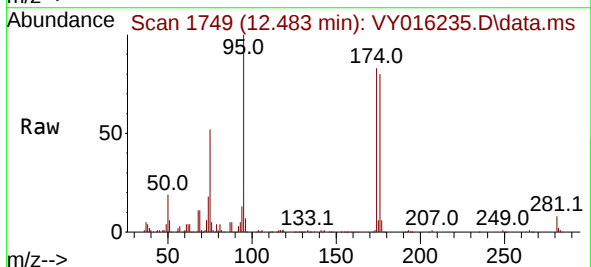
Tgt Ion: 95 Resp: 69044

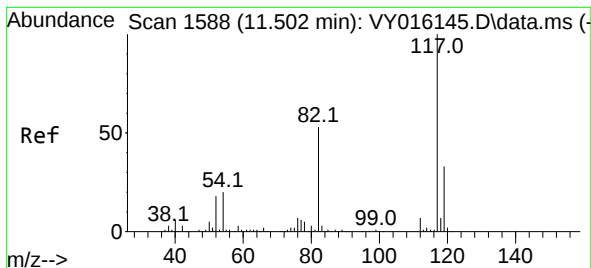
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 83.3 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: VY016235.D

Acq: 06 Nov 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26882

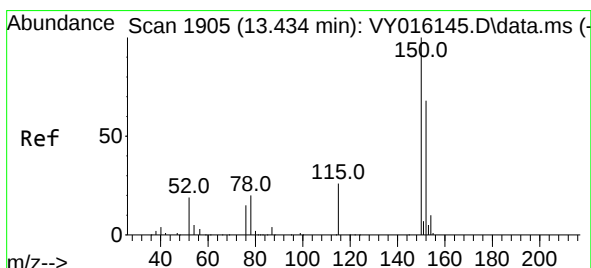
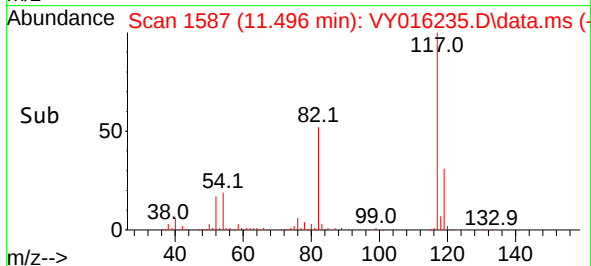
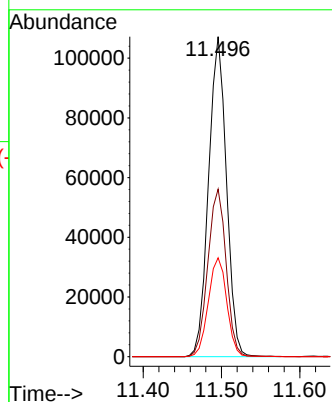
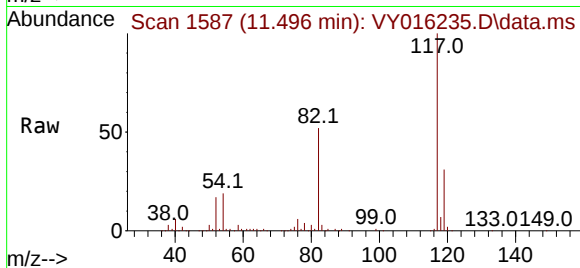
Tgt Ion:117 Resp: 169579

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 30.9 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: VY016235.D

Acq: 06 Nov 2023 14:32

Tgt Ion:152 Resp: 63451

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.6 0.0 348.8

