

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016203.D
 Acq On : 03 Nov 2023 09:51
 Operator : SY/MD
 Sample : VY1103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBL01

Quant Time: Nov 03 22:58:44 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	119519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	209505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	196913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67724	60.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.734	113	58940	47.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.191	98	245698	49.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.489	95	85767	50.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%

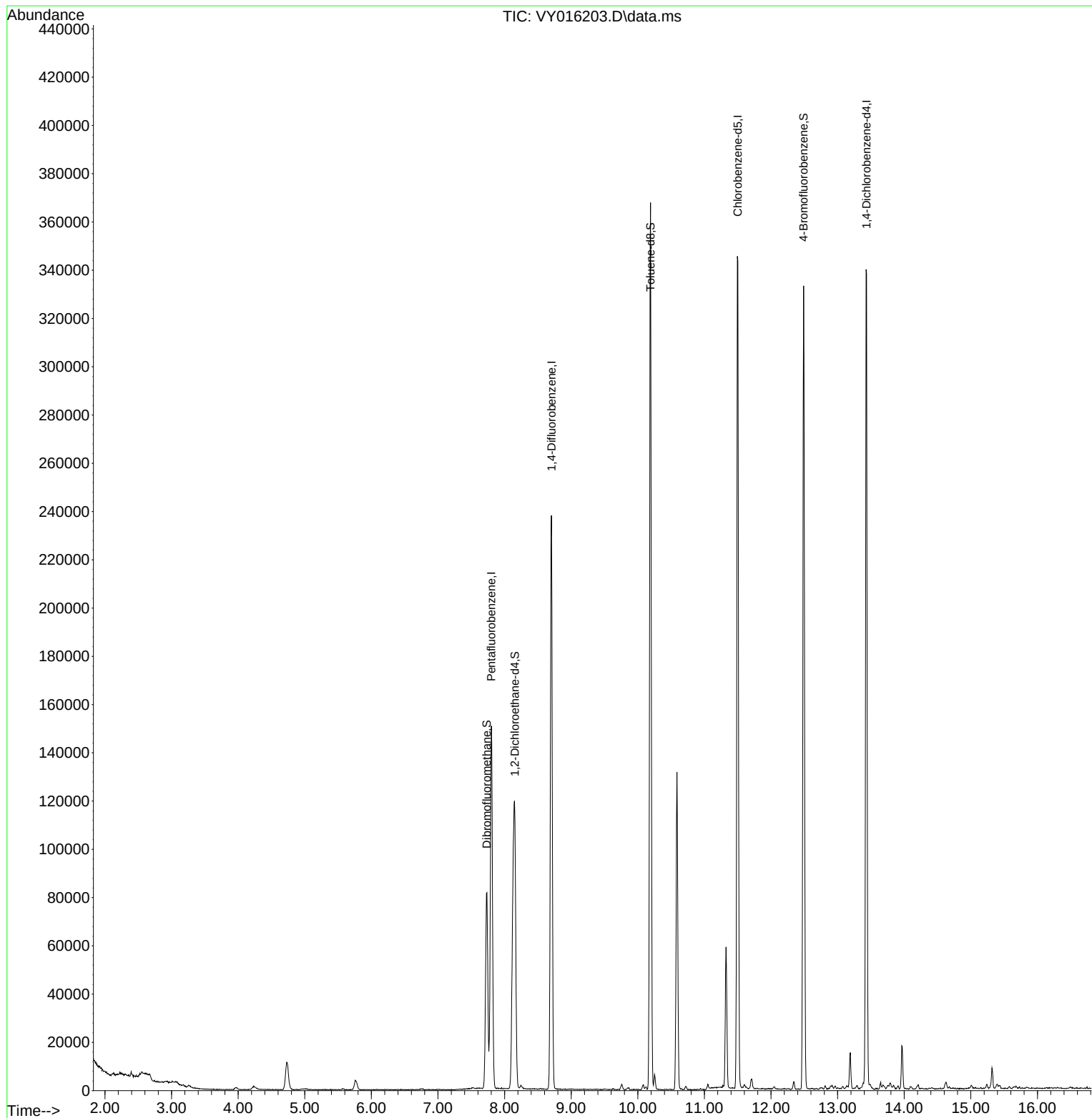
Target Compounds	Qvalue

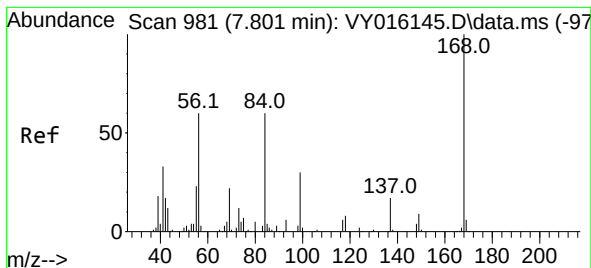
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

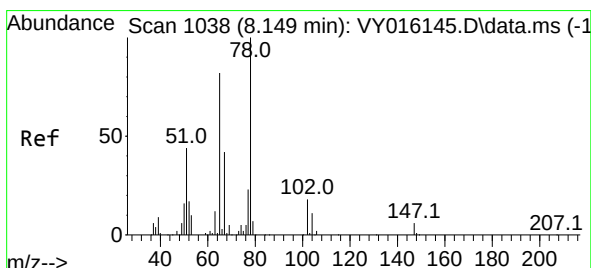
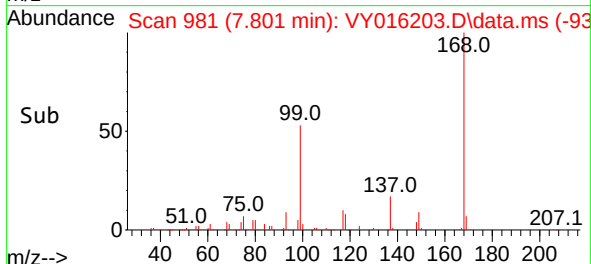
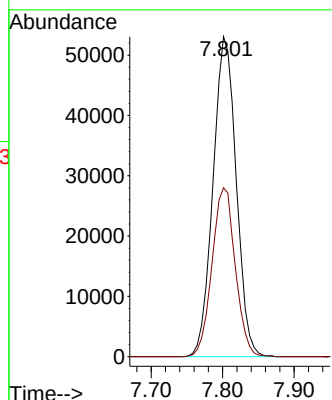
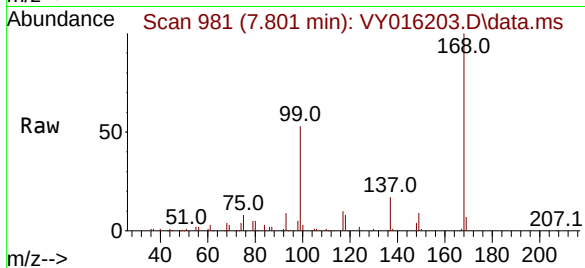
VY1103SBL01

Tgt Ion:168 Resp: 119519

Ion Ratio Lower Upper

168 100

99 52.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 60.556 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016203.D

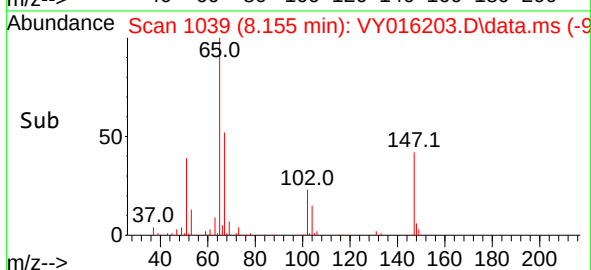
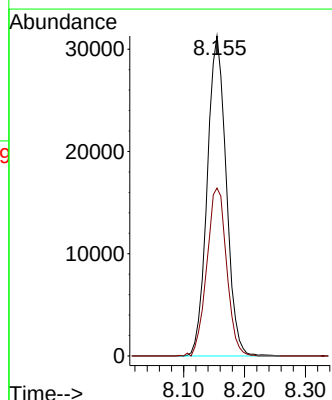
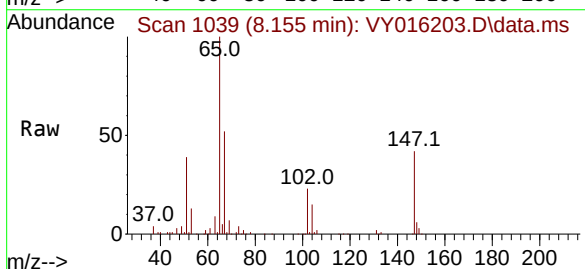
Acq: 03 Nov 2023 09:51

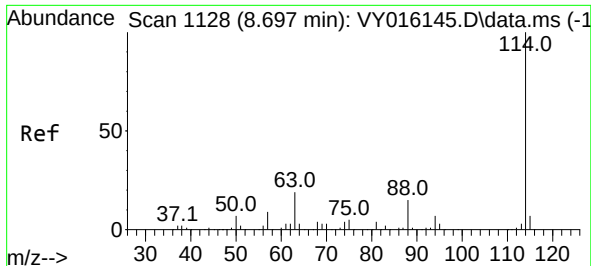
Tgt Ion: 65 Resp: 67724

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL01

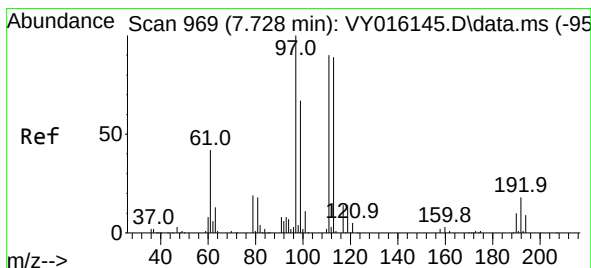
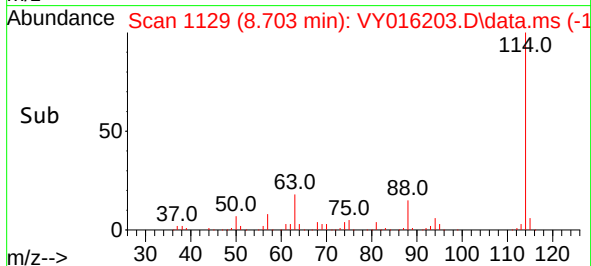
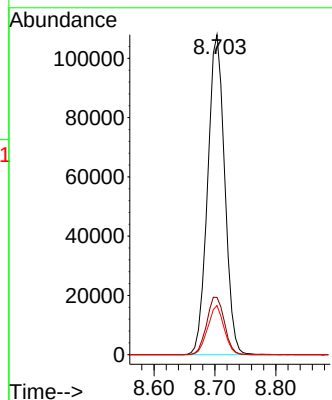
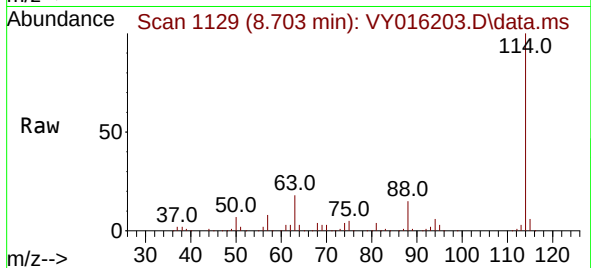
Tgt Ion:114 Resp: 209505

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.189 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

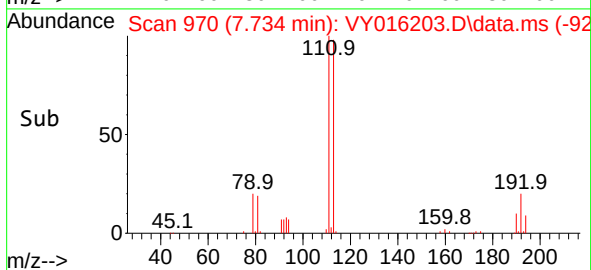
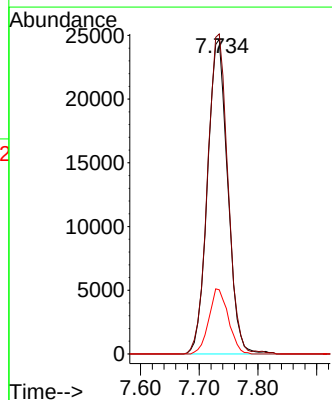
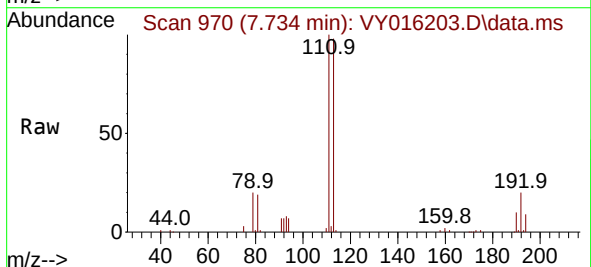
Tgt Ion:113 Resp: 58940

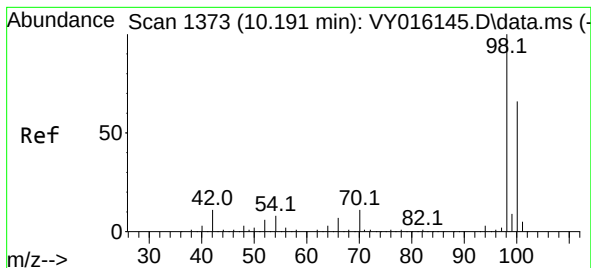
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016203.D

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Instrument :

MSVOA_Y

ClientSampleId :

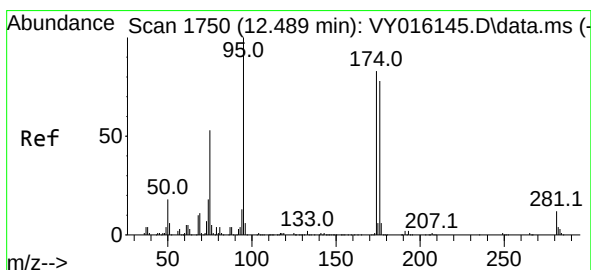
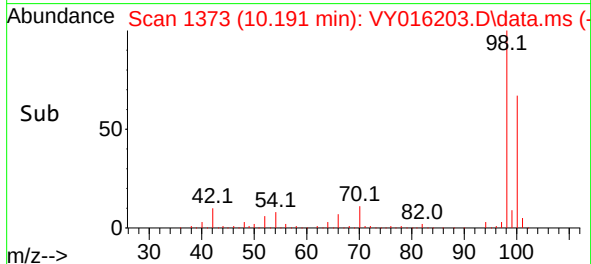
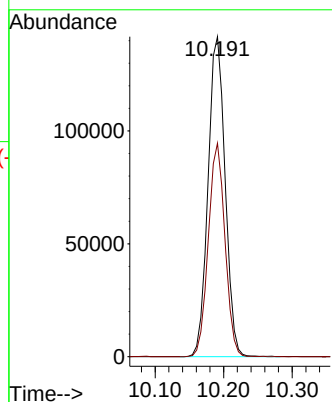
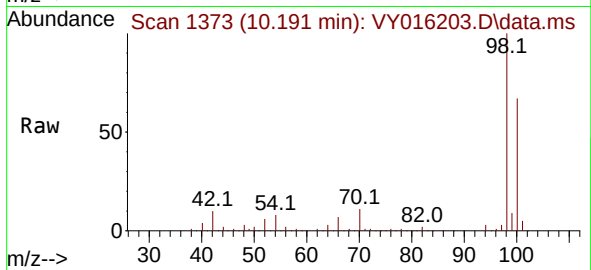
VY1103SBL01

Tgt Ion: 98 Resp: 245698

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.649 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

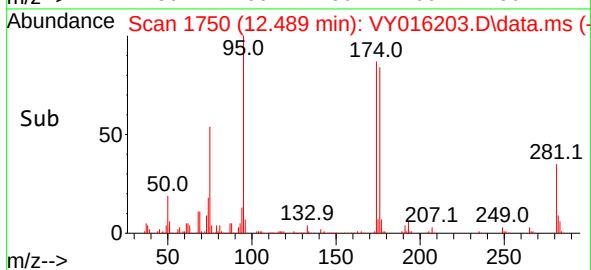
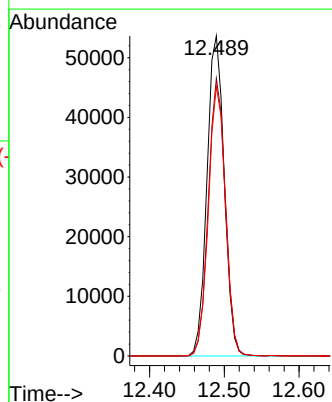
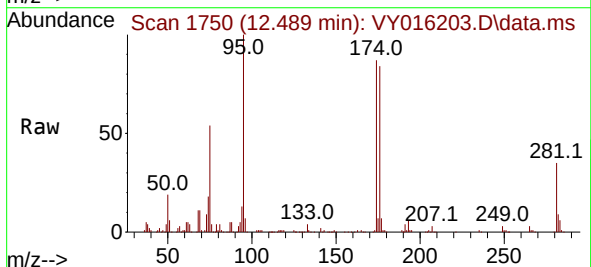
Tgt Ion: 95 Resp: 85767

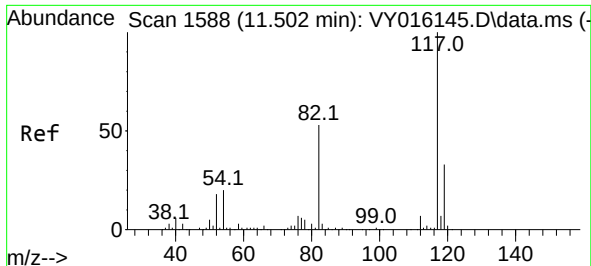
Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.2

176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL01

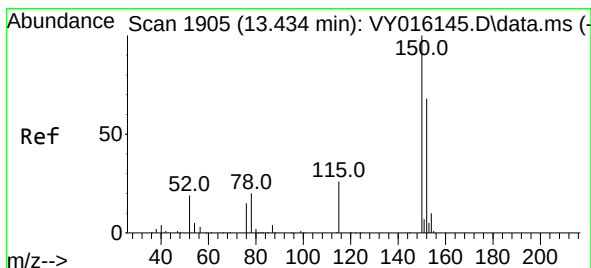
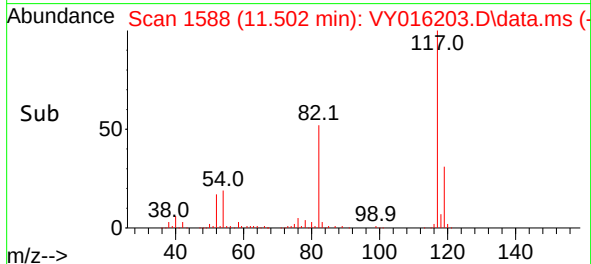
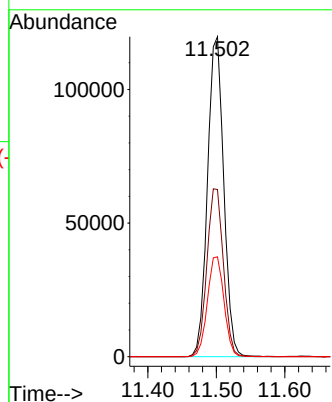
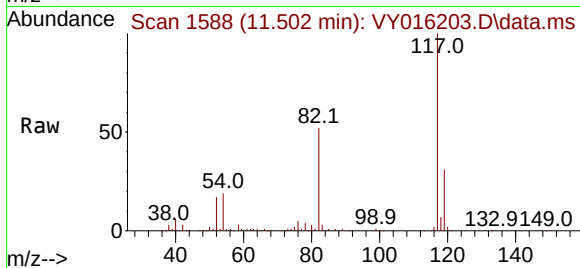
Tgt Ion:117 Resp: 196913

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016203.D

Acq: 03 Nov 2023 09:51

Tgt Ion:152 Resp: 90829

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.8 0.0 348.8

